

LEDVANCE.COM



LEDVANCE



THE NEW PORTFOLIO AT A GLANCE

LED LAMPS

2024/2025

POWER THROUGH LIGHT



YOUR GLOBAL PLAYER **LEDVANCE**

Having emerged from the traditional company of OSRAM and with more than 100 years of lighting know-how behind us, we are now the world's second largest market player in general lighting. Together with the MLS Group, of which we have been a member since 2016, we are contributing to a more sustainable world with our advanced and energy-efficient lighting solutions.



FOR YOUR PROJECTS **TOP SUPPORT**

Whether it's lighting advice, customized solutions, energy analyses or feasibility studies, lighting professionals can always rely on LEDVANCE's support – in over 140 countries and many different sectors, from office, education, sports and hospitality to shop, industrial, logistics and street lighting.



LIGHTING FOR MORE **SUSTAINABILITY**

Our sustainability tagline "From line to loop" makes our vision to contribute to a greener planet and a better life with intelligent lighting solutions more real. Our new EVERLOOP and NATURELOOP product lines support the transition from linear to circular economic processes, reducing waste, and energy and resource consumption.



A FULL RANGE OF LIGHTING **ONE-STOP SHOP**

LEDVANCE offers professional and private users everything from a single source – from lamps, luminaires and LED strips to innovative light management systems and smart home solutions. We have now added pioneering photovoltaic products to our portfolio of all-round excellent lighting solutions.



WE PROUDLY PRESENT OUR **NEW LED LAMPS PORTFOLIO**

In this brochure we present our current LED lamp portfolio in all its impressive variety. We were able to optimise numerous products even further in terms of energy efficiency, lifetime and dimensions. Our LED LAMPS ENERGY LABEL A range is an excellent example. It consumes up to 93 % less energy than traditional lamps and lasts up to 50 times longer. And our NATURELOOP products are lighting the path into a sustainable future with at least 40 % recycled plastic.

Learn more on the following pages.



MORE INFORMATION:
[ledvance.com/professional](https://www.ledvance.com/professional)

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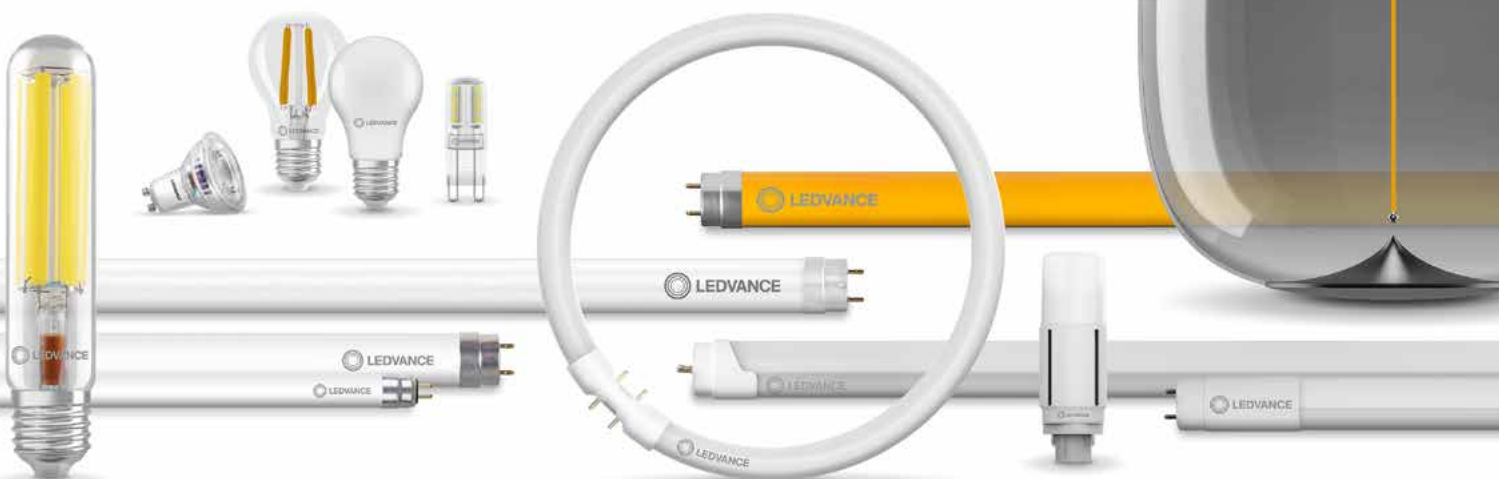
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The pictures in the brochure are for illustration purposes only. All the technical parameters apply to the entire LED module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.



LAMP BAN: THE BEST TIME TO CHANGE IS NOW! PLAY IT SAFE WITH EU-COMPLIANT LED SOLUTIONS

The ban on mercury-containing and inefficient lamps has been in force since 2023. With high energy costs and increasing demand for sustainable lighting, now is the best time to move over to EU-compliant, energy-efficient and cost-effective LED lighting.

LEDVANCE offers an alternative for every need with a comprehensive range of luminaires, intelligent lighting products and advanced LED lamps. The solutions with LED lamps are simple and economically attractive as the luminaire can be retained. Switching to LED luminaires can also optimize light output and quality, which can also significantly increase productivity.



BEST PLANS, BEST LIGHT OUR SERVICE OFFERING FOR YOUR PERFECT PROJECT MANAGEMENT

Every successful project starts with a good plan. So why not benefit from our tailor-made advice for planning your lighting project smoothly and successfully?

We take care of the whole process and offer you individual solutions for your wishes. Your options at a glance.

Are you interested in our services for your projects?
Our experts are happy to advise you. You can reach us at:
contact@ledvance.com
+49 89 780673-600

4 OPTIONS FOR ALL SITUATIONS – HOW TO SWITCH

SOLUTIONS WITH LED LAMPS



RETROFIT



Switching from fluorescent lamps to LED lamps in existing luminaires is quick, easy and economical – either as retrofits or conversions.

Simple 1:1 replacement:

- Wide range of LED tubes and DULUX LED for easy, quick and safe lamp replacement
- No rewiring necessary
- The most cost effective LED alternative for installations with CCG or compatible ECG
- Find the right LED tube for your existing ballast in just a few steps with the Tube Finder

Rewiring or modification:

- If there is no retrofit alternative or if the customer values maximum energy savings and low maintenance
- Wide range of LED tubes and DULUX LED for operation directly on AC mains
 - Optional matching conversion kits for LED tubes for easy rewiring
 - LED TUBE EXTERNAL SYSTEM when a dimmable LED tube or emergency lighting solution is needed



Go directly to the Tube Finder: ledvance.com/tubefinder

SOLUTIONS WITH LED LUMINAIRES



UPGRADE



If the focus is on optimal light output and quality, maximum efficiency and perhaps added benefits, it's worth upgrading the luminaires or installing new ones.

Upgrade using LED upgrade kits:

- If an existing luminaire needs to be kept but electric or mechanical interfaces are too old for a retrofit or conversion
- LED upgrade kits that replace entire components of the original luminaire

NEW INSTALLATION



Complete replacement with modern LED luminaires:

- If the existing housing or other components have reached the end of their life
- If lighting performance requirements have changed (e. g. light distribution or quality)
- If a light management system needs to be integrated, or there's an upgrade to human centric lighting
- If aesthetical or functional design requirements have changed



THE LAMP FINDER – HERE'S HOW IT WORKS:

The Lamp Finder gives you the answers you need. Just enter some information about your traditional lamp and we will give you alternative LED solutions for your installation. If there is no suitable LED lamp you can find alternative LED luminaires in our online product catalogue.

- ▶ Provide some details of your traditional lamp such as wattage, light colour and control gear and you will get possible LED alternatives.



Check it out: ledvance.com/lampfinder

CLEAR ORIENTATION: CONVERSION TO LED LAMPS WITHOUT NEW CE MARKING

There is clarity at last when it comes to converting existing luminaires to LED technology. In a new white paper, the Central Association of the Electrical Engineering and Electronics Industry (ZVEI) defines clear criteria, according to which the existing CE marking remains valid when modernising luminaires to LED technology.



A PERFECT SOLUTION

The basis is the **EU Blue Guide (2022)** and its definition of “significant changes of products”. If **no significant changes are made to the performance, application or construction** when converting an existing luminaire with old lighting technology to LED technology, no new product will be created. The electrician making the conversion will therefore not be considered a manufacturer and a new CE declaration of conformity will not be required. Along with the 1:1 retrofit solution, this makes it very easy to convert existing luminaires to efficient LED lamps cost-effectively.

KEEP THE HOUSING

Following the lamp ban in 2023, most of the industry has recommended either a simple 1:1 retrofit solution (if technically possible) or a completely new LED luminaire when switching to LED technology. But there are other options for keeping existing lighting solutions and any associated components such as light management systems or ventilation systems in operation and reducing electrical waste: conversion to LED lamps or complete LED upgrade kits that replace entire components of the original luminaire. The ZVEI white paper says that both solutions are possible without a new CE declaration of conformity.

The ZVEI provides guidance: if no significant changes are made in line with the EU Blue Guide (2022), it is not a new product and the person converting the product will not be considered a manufacturer.

CLEAR RULES, USEFUL SOLUTIONS CONVERSIONS MADE EASY

The guidelines from the white paper will make it even easier for you to convert to efficient LED lamps cost-effectively. LEDVANCE offers a comprehensive portfolio of solutions to help you make the switch and is always available to answer any questions you may have.

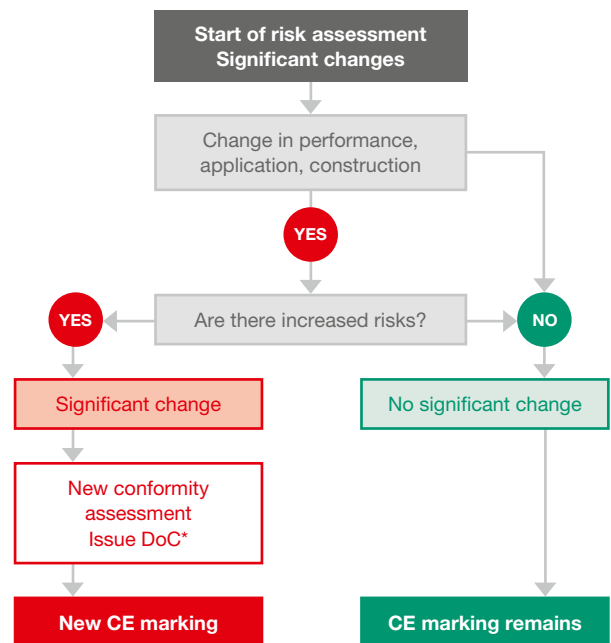


STEP 1: SUITABILITY OF THE EXISTING LUMINAIRE

To convert an existing luminaire or lighting system to LED lamps, it is necessary to assess the condition of the luminaire to determine whether existing housings and components are suitable.

STEP 2: RISK ASSESSMENT

If during rewiring of the LED luminaire no significant changes are made to the performance, application or construction, the existing CE marking of the luminaire remains valid and a new CE declaration of conformity is not required.



*Declaration of Conformity

RETROFIT OR CONVERSION: CHOOSE THE RIGHT ONE!

RETROFIT

CONVERSION



LED TUBE T8 HF



LED TUBE T8 EM
LED TUBE T8 UNIVERSAL



LED TUBE T5 AC MAINS



LED TUBE T5 HF



DULUX LAMPS



LED TUBE EXTERNAL SYSTEM:
LED TUBE T8/T5 EXTERNAL
LED TUBE T5 FC EXTERNAL
LED DRIVER EXTERNAL

HIGHLIGHTS LED TUBES

SWITCHING? SO SIMPLE!

The large LEDVANCE range of T5/T8 LED tubes makes switching to LED technology incredibly easy. All the more so thanks to the current highlight products, because our new HEAVY DUTY T8 EM LED tubes are designed for even the most demanding industrial applications. And we also have new LED tubes in our portfolio for special applications such as yellow rooms and railway stations.



01-04 HEAVY DUTY TUBES

- 01 | LED TUBE T8 EM HIGH TEMPERATURE**
Special Benefit: For high ambient temperatures of up to +80 °C, making them ideal for power plants and production plants.
- 02 | LED TUBE T8 EM HIGHBAY**
Special Benefit: Achieve significantly higher illuminance levels than standard LED tubes or traditional fluorescent lamps.
- 03 | LED TUBE T8 EM CHIP CONTROL**
Special Benefit: LED tubes with special filter tube developed for UV-free illumination of yellow rooms as a direct replacement of T8 CHIP CONTROL fluorescent lamps.
- 04 | LED TUBE T8 EM 6kV**
Special Benefit: High surge protection of 6 kV for demanding applications such as railway stations.



UPGRADING DESPITE DALI? OF COURSE!

Simply keep the luminaire and just change the driver and lamp. The LED TUBE EXTERNAL SYSTEM is a versatile solution for T5/T8 lighting systems where direct lamp replacement is not possible or a dimmable LED tube is required. It is DALI-2 compatible, suitable for emergency lighting and, thanks to replaceable components, sustainable and economical. Now also available as short versions.

PERFORMANCE CLASS

DALI-2

EXT

HIGHLIGHTS LED TUBE EXTERNAL SYSTEM

05



06

05/06 | LED TUBE T8/T5 EXTERNAL
Special Benefit: Newcomers to our portfolio: T8 EXTERNAL LED tube in 600 mm length and T5 EXTERNAL LED tube in 549/849 mm length as well as the addition of 1149 mm HE 28 to our existing portfolio. Suitable for operation on LED DRIVER EXTERNAL, available in 3000K, 4000K and 6500K light colours.



07

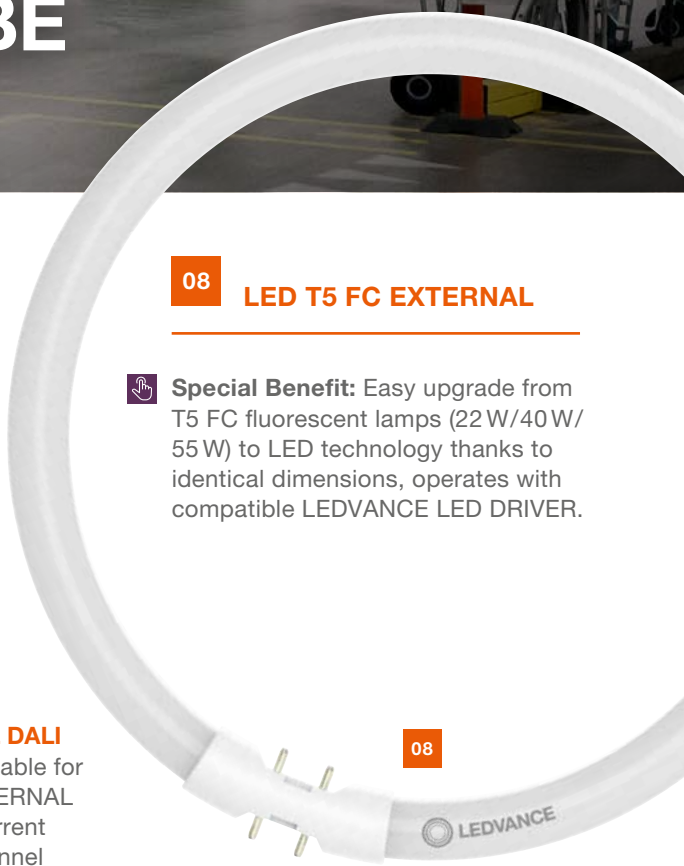
07 | LED DRIVER EXTERNAL DALI
Special Benefit: Upgrade suitable for all T8 EXTERNAL and T5 EXTERNAL tubes. Multi-watt constant current SELV driver (1-channel/2-channel version) with DALI-2 interface for dimming and sensor operation including Push-DIM function for easy control.

05-07 LED TUBE EXTERNAL SYSTEM

08

LED T5 FC EXTERNAL

Special Benefit: Easy upgrade from T5 FC fluorescent lamps (22 W/40 W/55 W) to LED technology thanks to identical dimensions, operates with compatible LEDVANCE LED DRIVER.



08



WOULD YOU LIKE TO KNOW MORE ABOUT OUR HIGHLIGHTS?
 Contact us:
contact@ledvance.com
 +49 89 780673-600



MORE HIGHLIGHTS

LED STREET LIGHTING



01 LEDVANCE NAV LED FILAMENT AMBER

Special Benefit: Direct replacement for conventional NAV lamps. The extremely low blue share of the light (< 1.5 %) helps protect insects and nocturnal animals, while the very warm light colour of 1800 K supports the day-night rhythm of residents. Same design but up to 70 % energy savings, good colour rendering and better visibility. The LEDVANCE NAV LED FILAMENT AMBER is ideal for use in areas close to nature, residential areas and historical sites.



01



PCR LAMPS



02 NATURELOOP LED LAMPS

Special Benefit: Particularly sustainable since at least 40 %* is made of recycled plastic (PCR) and they are equipped with energy-saving LED technology. Matt surface finish with excellent light output, available in the classic A, B and P shapes and in all usual wattages.



* in plastic content

PLASTIC? NATURELOOP!

We use yesterday's plastic for tomorrow's light. Our NATURELOOP LED lamps promote a sustainable circular economy, as they are made of at least 40 %* recycled plastic (PCR) and reduce plastic waste. They consume less fossil resources, water and energy, which reduces CO₂ emissions. The plastic-free packaging is made from at least 80 % recycled paper and is fully recyclable.

WOULD YOU LIKE TO KNOW MORE ABOUT OUR HIGHLIGHTS?
 Contact us:
contact@ledvance.com
 +49 89 780673-600





SENSOR LAMPS



LED PINS

03 MOTION & DAYLIGHT SENSOR CLASSIC A

Special Benefit: Particularly energy-saving thanks to integrated motion and daylight sensors. "Light on" only when motion is detected in dark surroundings; detection range up to 3 meters and 90°; even the smallest movements are reliably detected through glass and plastic luminaires. Available as a filament or plastic lamp.



04-05 LED PINS

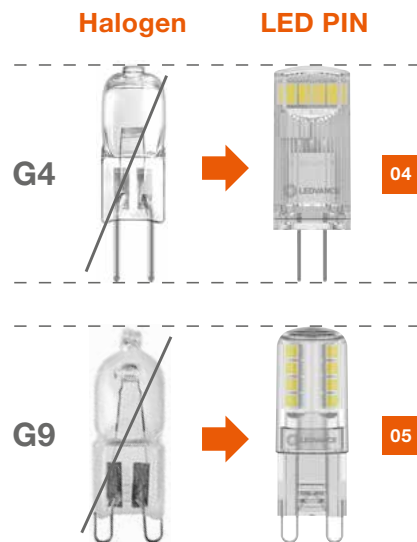
Special Benefit: Same size as the halogen pins. Further miniaturization for easy 1:1 replacement.

04 | LED PIN 12V G4, GY6.35

with 1:1 length for G4 up to 200 lm and GY6.35 with 470 lm

05 | LED PIN G9 230V

with 1:1 dimension for G9 up to 320 lm



FIGHT HIGH ELECTRICITY COSTS WITH OUR ENERGY EFFICIENCY CLASS A LAMPS



At LEDVANCE, sustainability has always been a fundamental part of our business ethics. That's why we have long offered one of the most comprehensive ranges of modern and energy-saving LED lamps. Already included in our portfolio are highly efficient LED lamps in energy efficiency class A. They provide even more energy savings – on average up to 60% compared to standard LED lamps. In contrast with an old incandescent lamp they can even save as much as 93%.

We have now also significantly expanded our LED lamps portfolio with dimmable LED lamps and tubes in energy efficiency class A which last up to 100 000 hours!

This lighting technology is the best possible response to the sharp rise in electricity prices and one of our many solutions for sustainable energy saving.

POTENTIAL SAVINGS WITH OUR ENERGY EFFICIENCY CLASS A LAMPS

SAVINGS IN EUR PER YEAR WITH 10 LIGHT SOURCES



LAMP REPLACEMENT FROM LEDVANCE

EXISTING STANDARD LAMPS



Highly efficient LED TUBE T8 EM



17.6 WATTS



Highly efficient GU10 LED reflector lamp



2 WATTS



Highly efficient LED lamp E27



3.8 WATTS



Fluorescent lamp



58 WATTS

YOU SAVE €295 A YEAR!

LED TUBE T8 EM Performance Ultra Output



23.1 WATTS

YOU SAVE €40 A YEAR!

Halogen reflector lamp GU10



50 WATTS

YOU SAVE €350 A YEAR!

LED reflector lamp GU10



4.3 WATTS

YOU SAVE €17 A YEAR!

Incandescent lamp E27



60 WATTS

YOU SAVE €410 A YEAR!

LED lamp E27



8 WATTS

YOU SAVE €31 A YEAR!

Basis for calculation: commercial electricity price of 0.20 EUR/kWh (source: https://ec.europa.eu/eurostat/statistics-explained/index.php?title=File:Electricity_prices_for_non-household_consumers_second_half_2023_V2.png), 10 hours of burning time/day

LEDVANCE has optimised the efficiency of the lamp system:

Light efficiency min.
210 lm/W

Up to **93%**
less energy consumption

Operating time up to
100000h

Energy efficiency class
A

Recycled glass share approx.
30%
RECYCLED GLASS

HIGHLY EFFICIENT

EXPLORE OUR RANGE OF ENERGY EFFICIENCY CLASS A LAMPS!



Product name	GTIN (EAN)	Segmentation	wΔW	W	lm	lm/W	K	CRI	l (mm)	∅ (mm)	t (mm)	1	2	No.
LED TUBE T8 EM ENERGY EFFICIENCY CLASS A														
LED TUBE T8 EM ENERGY EFFICIENCY CLASS A S 1200 mm 840	4099854223310	■	36	G13	10.0	2100	210	4000	80	1212	190	100000	▶	1
LED TUBE T8 EM ENERGY EFFICIENCY CLASS A S 1500 mm 840	4099854223334	■	58	G13	17.6	3700	210	4000	80	1513	190	100000	▶	1

Product name	GTIN (EAN)	Segmentation	wΔW	W	lm	K	CRI	l (mm)	∅ (mm)	t (mm)	1	2	No.
LED PAR 16 ENERGY EFFICIENCY CLASS A													
LED PAR16 50 36° Energy efficiency class A S 827 GU10 ⁴	4099854245251	■	50	GU10	2.0	360	2700	80	54	50	50000	▶	2
LED PAR16 50 36° Energy efficiency class A S 840 GU10 ⁴	4099854245275	■	50	GU10	2.0	360	4000	80	54	50	50000	▶	2

Product name	GTIN (EAN)	Segmentation	wΔW	W	lm	K	CRI	l (mm)	∅ (mm)	t (mm)	1	2	No.	
LED CLASSIC A ENERGY EFFICIENCY A DIMMABLE														
LED Classic A 40 Filament DIM Energy efficiency class A S 827 ⁴	40998542365280	■	40	E27	2.2	470	Clear	2700	80	105	60	50000	▶	3
LED Classic A 40 Filament DIM Energy efficiency class A S 827 ⁴	40998542365266	■	40	E27	2.2	470	Frosted	2700	80	105	60	50000	▶	4
LED Classic A 60 Filament DIM Energy efficiency class A S 827 ⁴	40998542365303	■	60	E27	3.8	806	Clear	2700	80	105	60	50000	▶	3
LED Classic A 60 Filament DIM Energy efficiency class A S 827 ⁴	40998542365327	■	60	E27	3.8	806	Frosted	2700	80	105	60	50000	▶	4

Product name	GTIN (EAN)	Segmentation	wΔW	W	lm	K	CRI	l (mm)	∅ (mm)	t (mm)	1	2	No.	
LED CLASSIC A/B/P/GLOBE/EDISON & ENERGY EFFICIENCY A NON DIMMABLE														
LED Classic A 40 Filament Energy efficiency class A S 827 ⁴	40998542365332	■	40	E27	2.2	470	Clear	2700	80	105	60	50000	▶	3
LED Classic A 60 Filament Energy efficiency class A S 827 ⁴	40998542365570	■	60	E27	3.8	806	Clear	2700	80	105	60	50000	▶	3
LED Classic A 75 Filament Energy efficiency class A S 827 ⁴	4099854236617	■	75	E27	5.0	1055	Clear	2700	80	105	60	50000	▶	3
LED Classic A 100 Filament Energy efficiency class A S 827 ⁴	4099854236655	■	100	E27	7.2	1521	Clear	2700	80	105	60	50000	▶	3
LED Classic B 40 Filament Energy efficiency class A S 827 ⁴	4099854255267	■	40	E14	2.2	470	Clear	2700	80	100	35	50000	▶	5
LED Classic B 60 Filament Energy efficiency class A S 827 ⁴	4099854255304	■	60	E14	3.8	806	Clear	2700	80	100	35	50000	▶	5
LED Classic P 40 Filament Energy efficiency class A S 827 ⁴	4099854255373	■	40	E14	2.2	470	Clear	2700	80	88	45	50000	▶	6
LED Classic P 60 Filament Energy efficiency class A S 827 ⁴	4099854255397	■	60	E14	3.8	806	Clear	2700	80	88	45	50000	▶	6
LED Classic Globe 95 60 Filament Energy efficiency class A S 827 ⁴	4099854236990	■	60	E27	3.8	806	Clear	2700	80	135	95	50000	▶	7
LED Classic Globe 125 100 Filament Energy efficiency class A S 827 ⁴	4099854280214	■	100	E27	7.2	1521	Clear	2700	80	168	125	50000	▶	-

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ L70/B50 | ² Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Please find more versions on our product pages or online at ledvance.com

DAMP PROOF HOUSING

ROBUST AND FUNCTIONAL

The robust and thanks to prewiring easy-to-install DAMP PROOF HOUSING – for example equipped with an LED TUBE T8 EM or an LED TUBE T8 EM CONNECTED – is the ideal solution for damp and dusty environments such as indoor car parks, warehouses and production halls. The luminaire is now also available with a dimmable LED TUBE EXTERNAL driver which is already installed. This also makes it suitable for DALI-2 or emergency lighting systems. Inspire your customers with our dream team featuring DAMP PROOF HOUSING and LEDTUBE T8!



A STRONG COMBINATION, E. G. FOR LARGE INDOOR CAR PARKS:

LEDVANCE LED TUBE T8 EM CONNECTED P



LED tube, installed in the robust DAMP PROOF HOUSING (IP65), is connected wirelessly to **LEDVANCE CONNECTED SENSOR ST8 LOW BAY** via Zigbee. Two-stage switching (0% ⇄ 100% and 20% ⇄ 100%) increases efficiency even further.



ENERGY SAVINGS

Lighting technology	Net luminous flux	Number of luminaires	Luminaire wattage incl. losses	Connected load	Energy consumption per year	Energy savings vs old system
LED TUBE T8 EM CONNECTED P 24 W/4000K 1500 mm	3 600 lm	50	24 W	1 200 W	4 992 kWh	66%*
Conventional: damp-proof luminaire T8 1 x 58 W	3 454 lm	50	70 W	3 500 W	14 560 kWh	


OPERATING DATA: Operation per year (days): 260 · Operation per day (hours): 16 · Estimated active times per day (hours): 8

The energy consumption refers to the LED lighting solution without LMS and does not take into account any lighting scenes or their dimming states.
 * Assumed savings through LMS in relation to the new system with LEDs: 40%; based on the following assumptions: Motion detector with comfort dimming 40%. During operating times, the lighting system will only be dimmed down to 20%. This is more comfortable for users because they do not have to enter the space in complete darkness. The assumptions made for the LMS savings calculations are approximate and are based on practical experience from the lighting industry. Energy savings through LMS always need to be calculated based on the specific project.

DAMP PROOF HOUSING GEN 3

Damp-proof luminaire for T8 LED lamps with tool-free luminaire connector



PERFOR-
MANCE
CLASS

Product name	EAN (GTIN)		L x W x H [mm] Ø x H [mm]
DP HOUSING 600 P 1XLAMP IP65	4099854118050	G13	675 x 65 x 70
DP HOUSING 600 P 2XLAMP IP65	4099854118074	G13	675 x 95 x 70
DP HOUSING 1200 P 1XLAMP IP65	4099854118098	G13	1280 x 65 x 70
DP HOUSING 1200 P 2XLAMP IP65	4099854118111	G13	1280 x 95 x 70
DP HOUSING 1500 P 1XLAMP IP65	4099854118159	G13	1585 x 65 x 70
DP HOUSING 1500 P 2XLAMP IP65	4099854118210	G13	1585 x 95 x 70

DAMP PROOF HOUSING GEN 3 DALI

Damp-proof luminaire for dimmable LED TUBE



PERFOR-
MANCE
CLASS

Product name	EAN (GTIN)			L x W x H [mm] Ø x H [mm]
DP HOUSING DALI 1200 P 1XLAMP IP65	4099854146442	G13	DALI-2	1280 x 65 x 70
DP HOUSING DALI 1200 P 2XLAMP IP65	4099854146466	G13	DALI-2	1280 x 95 x 70
DP HOUSING DALI 1500 P 1XLAMP IP65	4099854146480	G13	DALI-2	1585 x 65 x 70
DP HOUSING DALI 1500 P 2XLAMP IP65	4099854146503	G13	DALI-2	1585 x 95 x 70

DAMP PROOF HOUSING EMERGENCY

Damp-proof luminaire for emergency lighting application

PERFOR-
MANCE
CLASS

Product name	EAN (GTIN)			L x W x H [mm] Ø x H [mm]
DP HOUSING EM 1200 P 1XLAMP IP65	4099854148880	G13	DALI-2	1280 x 65 x 70
DP HOUSING EM 1200 P 2XLAMP IP65	4099854148903	G13	DALI-2	1280 x 95 x 70
DP HOUSING EM 1500 P 1XLAMP IP65	4099854148927	G13	DALI-2	1585 x 65 x 70
DP HOUSING EM 1500 P 2XLAMP IP65	4099854148941	G13	DALI-2	1585 x 95 x 70



FIND OUT MORE:
ledvance.com/tubes



¹Refer to www.ledvance.com/guarantee for precise conditions



LED TUBE T8 EM ULTRA OUTPUT^{1,2}

High performance LED tubes with extra high light output for electromagnetic control gear (CCG) and AC mains, shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- ENEC 10 VDE mark
- For especially uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W _{gW}		$\frac{l}{mm}$	W	lm	lm/W	K	Δ	CRI	t _h ⁴			
LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 830	4099854037092	36	G13	1212	14	2340	167	3000	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 840	4099854037115	36	G13	1212	14	2600	185	4000	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 850	4099854037177	36	G13	1212	14	2600	185	5000	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 865	4099854037191	36	G13	1212	14	2600	185	6500	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 940	4099854037290	36	G13	1212	14	2600	185	4000	190	90	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.2W 830	4099854037214	58	G13	1513	22.2	3690	166	3000	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 840	4099854037238	58	G13	1513	22.1	4100	185	4000	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 850	4099854037252	58	G13	1513	22.1	4100	185	5000	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 865	4099854037276	58	G13	1513	22.1	4100	185	6500	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 940	4099854037313	58	G13	1513	22.1	4100	185	4000	190	90	75 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ENERGY EFFICIENCY CLASS A^{1,2}

SUPERIOR CLASS

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, EEC A



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Extremely high efficiency of 210 lm/W
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- ENEC 10 VDE mark
- Lifetime: up to 100,000 h

PRODUCT BENEFITS

- Highest energy savings possible thanks to energy efficiency class A
- No bending thanks to glass technology
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W±W	Socket	L (mm)	W	lm	lm/W	K	°	CRI	t(h) ⁴	Energy efficiency class (EEC) ⁵	RoHS	Light bulb No.
LED TUBE T8 EM ENERGY EFFICIENCY CLASS A S 1200 mm 10W 840	4099854223310	36	G13	1212	10	2100	210	4000	190	80	100000	A	10	1
LED TUBE T8 EM ENERGY EFFICIENCY CLASS A S 1500 mm 17.6W 840	4099854223334	58	G13	1513	17.6	3700	210	4000	190	80	100000	A	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 EM^{1,2}

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- ENEC 10 VDE mark
- Single and tandem operation on conventional control gear (≤ 0.9 m versions)

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	WxW	Socket	L (mm)	W	lm	lm/W	K	°	CRI	t _h ⁴	EEC ⁵	RoHS	No.
LED TUBE T8 EM S 438 mm 5.1W 830	4099854037337	15	G13	450	5.1	810	158	3000	190	80	75 000	ED	10	1
LED TUBE T8 EM S 438 mm 5.1W 840	4099854037351	15	G13	450	5.1	900	176	4000	190	80	75 000	EC	10	1
LED TUBE T8 EM S 438 mm 5.1W 865	4099854037375	15	G13	450	5.1	900	176	6500	190	80	75 000	EC	10	1
LED TUBE T8 EM S 600 mm 6.3W 830	4099854037399	18	G13	603	6.3	990	157	3000	190	80	75 000	ED	10	1
LED TUBE T8 EM S 600 mm 6.3W 840	4099854037412	18	G13	603	6.3	1100	174	4000	190	80	75 000	EC	10	1
LED TUBE T8 EM S 600 mm 6.3W 865	4099854037436	18	G13	603	6.3	1100	174	6500	190	80	75 000	EC	10	1
LED TUBE T8 EM S 900 mm 9.7W 830	4099854037450	30	G13	908	9.7	1530	157	3000	190	80	75 000	ED	10	1
LED TUBE T8 EM S 900 mm 9.7W 840	4099854037474	30	G13	908	9.7	1700	175	4000	190	80	75 000	EC	10	1
LED TUBE T8 EM S 900 mm 9.7W 865	4099854037498	30	G13	908	9.7	1700	175	6500	190	80	75 000	EC	10	1
LED TUBE T8 EM S 1050 mm 11.4W 830	4099854037511	38	G13	1060	11.4	1800	157	3000	190	80	75 000	ED	10	1
LED TUBE T8 EM S 1050 mm 11.4W 840	4099854037535	38	G13	1060	11.4	2000	175	4000	190	80	75 000	EC	10	1
LED TUBE T8 EM S 1050 mm 11.4W 865	4099854037559	38	G13	1060	11.4	2000	175	6500	190	80	75 000	EC	10	1
LED TUBE T8 EM S 1200 mm 12W 830	4099854037573	36	G13	1212	12	1890	157	3000	190	80	75 000	ED	10	1
LED TUBE T8 EM S 1200 mm 12W 840	4099854037597	36	G13	1212	12	2100	175	4000	190	80	75 000	EC	10	1
LED TUBE T8 EM S 1200 mm 12W 865	4099854037610	36	G13	1212	12	2100	175	6500	190	80	75 000	EC	10	1
LED TUBE T8 EM S 1500 mm 17.7W 830	4099854037634	58	G13	1513	17.7	2790	157	3000	190	80	75 000	ED	10	1
LED TUBE T8 EM S 1500 mm 17.7W 840	4099854037658	58	G13	1513	17.7	3100	175	4000	190	80	75 000	EC	10	1
LED TUBE T8 EM S 1500 mm 17.7W 865	4099854037672	58	G13	1513	17.7	3100	175	6500	190	80	75 000	EC	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ULTRA OUTPUT^{1,2}

PERFORM-
MANCE
CLASS

LED tubes with extra high light output for electromagnetic control gear (CCG) and AC mains, shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM \leq 0,4 / PstLM \leq 1)
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- For especially uniform illumination
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- No bending thanks to glass tube
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 60 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W Δ W	$\frac{W}{lm}$	$\frac{l}{(mm)}$	W	lm	lm/W	K	Δ	CRI	t _h ⁴	$\frac{l}{lm}$ ⁵		
LED TUBE T8 EM ULTRA OUTPUT P 1200 mm 15.6W 830	4099854036774	36	G13	1212	15.6	2250	144	3000	190	80	60 000		10	1
LED TUBE T8 EM ULTRA OUTPUT P 1200 mm 15.6W 840	4099854036835	36	G13	1212	15.6	2500	160	4000	190	80	60 000		10	1
LED TUBE T8 EM ULTRA OUTPUT P 1200 mm 15.6W 865	4099854036873	36	G13	1212	15.6	2500	160	6500	190	80	60 000		10	1
LED TUBE T8 EM ULTRA OUTPUT P 1500 mm 23.1W 830	4099854037016	58	G13	1513	23.1	3330	144	3000	190	80	60 000		10	1
LED TUBE T8 EM ULTRA OUTPUT P 1500 mm 23.1W 840	4099854037030	58	G13	1513	23.1	3700	160	4000	190	80	60 000		10	1
LED TUBE T8 EM ULTRA OUTPUT P 1500 mm 23.1W 865	4099854037054	58	G13	1513	23.1	3700	160	6500	190	80	60 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM^{1,2}

PERFORM-
MANCE
CLASS

LED tubes for electromagnetic control gear (CCG) and AC mains, shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Single and tandem operation on conventional control gear (0.6 m version)
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- No bending thanks to glass tube
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 66 % (compared to T8 fluorescent lamp)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	wΔW		$\frac{l}{mm}$	W	lm	$\frac{lm}{W}$	K	Δ	CRI	t _h ⁴	$\frac{l}{lm}$ ⁵		
LED TUBE T8 EM P 600 mm 7W 830	4099854036958	18	G13	603	7	990	141	3000	190	80	60 000		10	1
LED TUBE T8 EM P 600 mm 7W 840	4099854036972	18	G13	603	7	1100	157	4000	190	80	60 000		10	1
LED TUBE T8 EM P 600 mm 7W 865	4099854036996	18	G13	603	7	1100	157	6500	190	80	60 000		10	1
LED TUBE T8 EM P 1200 mm 13.5W 830	4099854036897	36	G13	1212	13.5	1890	140	3000	190	80	60 000		10	1
LED TUBE T8 EM P 1200 mm 13.5W 840	4099854036910	36	G13	1212	13.5	2100	155	4000	190	80	60 000		10	1
LED TUBE T8 EM P 1200 mm 13.5W 865	4099854036934	36	G13	1212	13.5	2100	155	6500	190	80	60 000		10	1
LED TUBE T8 EM P 1500 mm 20W 830	4099854037078	58	G13	1513	20	2790	139	3000	190	80	60 000		10	1
LED TUBE T8 EM P 1500 mm 20W 840	4099854037139	58	G13	1513	20	3100	155	4000	190	80	60 000		10	1
LED TUBE T8 EM P 1500 mm 20W 865	4099854037153	58	G13	1513	20	3100	155	6500	190	80	60 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ULTRA OUTPUT^{1,2}

VALUE CLASS

Economic LED tubes with extra high light output for electromagnetic control gear (CCG) and AC mains



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM \leq 0,4 / PstLM \leq 1)
- Tube made of glass
- High luminous flux for sophisticated lighting tasks
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- No bending thanks to glass tube
- Energy savings of up to 50 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement without rewiring
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

Product name	GTIN (EAN)	w _{av}		$\frac{l}{mm}$	W	lm	lm/W	K	Δ	CRI	t _h ⁴			
LED TUBE T8 EM ULTRA OUTPUT V 1200 mm 20W 830	4099854038327	36	G13	1213	20	2160	108	3000	190	80	30000		10	1
LED TUBE T8 EM ULTRA OUTPUT V 1200 mm 20W 840	4099854038402	36	G13	1213	20	2400	120	4000	190	80	30000		10	1
LED TUBE T8 EM ULTRA OUTPUT V 1200 mm 20W 865	4099854038525	36	G13	1213	20	2400	120	6500	190	80	30000		10	1
LED TUBE T8 EM ULTRA OUTPUT V 1500 mm 29W 830	4099854038624	58	G13	1514	29	3150	108	3000	190	80	30000		10	1
LED TUBE T8 EM ULTRA OUTPUT V 1500 mm 29W 840	4099854038662	58	G13	1514	29	3500	120	4000	190	80	30000		10	1
LED TUBE T8 EM ULTRA OUTPUT V 1500 mm 29W 865	4099854038747	58	G13	1514	29	3500	120	6500	190	80	30000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 EM^{1,2}

Economic LED tubes for electromagnetic control gear (CCG) and AC mains



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Single and tandem operation on conventional control gear (≤ 0.9 m versions)
- Tube made of glass
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- No bending thanks to glass tube
- Energy savings of up to 69 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement without rewiring
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

Product name	GTIN (EAN)	W/W	Socket	L (mm)	W	lm	lm/W	K	°C	CRI	t _h ⁴	Energy efficiency class ⁵	RoHS	LED No.
LED TUBE T8 EM V 438 mm 5.4W 830	4099854038907	15	G13	451	5.4	585	108	3000	190	80	30000	II	10	1
LED TUBE T8 EM V 438 mm 5.4W 840	4099854038921	15	G13	451	5.4	650	120	4000	190	80	30000	II	10	1
LED TUBE T8 EM V 438 mm 5.4W 865	4099854038945	15	G13	451	5.4	650	120	6500	190	80	30000	II	10	1
LED TUBE T8 EM V 600 mm 6.6W 830	4099854038969	18	G13	604	6.6	720	109	3000	190	80	30000	II	10	1
LED TUBE T8 EM V 600 mm 6.6W 840	4099854038983	18	G13	604	6.6	800	121	4000	190	80	30000	II	10	1
LED TUBE T8 EM V 600 mm 6.6W 865	4099854039003	18	G13	604	6.6	800	121	6500	190	80	30000	II	10	1
LED TUBE T8 EM V 720 mm 7W 830	4099854039027	16	G13	734	7	765	109	3000	190	80	30000	II	10	1
LED TUBE T8 EM V 720 mm 7W 840	4099854039041	16	G13	734	7	850	121	4000	190	80	30000	II	10	1
LED TUBE T8 EM V 720 mm 7W 865	4099854039065	16	G13	734	7	850	121	6500	190	80	30000	II	10	1
LED TUBE T8 EM V 900 mm 10W 830	4099854039102	30	G13	908	10	1080	108	3000	190	80	30000	II	10	1
LED TUBE T8 EM V 900 mm 10W 840	4099854039126	30	G13	908	10	1200	120	4000	190	80	30000	II	10	1
LED TUBE T8 EM V 900 mm 10W 865	4099854039164	30	G13	908	10	1200	120	6500	190	80	30000	II	10	1
LED TUBE T8 EM V 1050 mm 11.6W 830	4099854039201	38	G13	1061	11.6	1260	108	3000	190	80	30000	II	10	1
LED TUBE T8 EM V 1050 mm 11.6W 840	4099854039249	38	G13	1061	11.6	1400	120	4000	190	80	30000	II	10	1
LED TUBE T8 EM V 1050 mm 11.6W 865	4099854038488	38	G13	1061	11.6	1400	120	6500	190	80	30000	II	10	1
LED TUBE T8 EM V 1200 mm 15W 830	4099854038143	36	G13	1213	15	1620	108	3000	190	80	30000	II	10	1
LED TUBE T8 EM V 1200 mm 15W 840	4099854038167	36	G13	1213	15	1800	120	4000	190	80	30000	II	10	1
LED TUBE T8 EM V 1200 mm 15W 865	4099854038181	36	G13	1213	15	1800	120	6500	190	80	30000	II	10	1
LED TUBE T8 EM V 1500 mm 18.3W 830	4099854038204	58	G13	1514	18.3	2000	109	3000	190	80	30000	II	10	1
LED TUBE T8 EM V 1500 mm 18.3W 840	4099854038228	58	G13	1514	18.3	2200	120	4000	190	80	30000	II	10	1
LED TUBE T8 EM V 1500 mm 18.3W 865	4099854038242	58	G13	1514	18.3	2200	120	6500	190	80	30000	II	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ULTRA OUTPUT HIGH TEMPERATURE^{1,2}

SUPERIOR CLASS

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, for applications with high ambient temperature



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Very broad ambient temperature range: -20...+80° C
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lifetime at 25° C ambient temperature: up to 75,000 h
- Lifetime at 80° C ambient temperature: up to 17,500 h

PRODUCT BENEFITS

- Suitable for high ambient temperatures of up to +80° C
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 62 % (compared to T8 fluorescent lamp)

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+80° C
- Illumination of production areas
- Industry

Product name	GTIN (EAN)	wΔW		$\frac{l}{mm}$	W	lm	$\frac{lm}{W}$	K	Δ	CRI	t[h] ⁴				No.
LED TUBE T8 EM ULTRA OUTPUT HIGH TEMPERATURE S 1200 mm 14W 840	4099854258572	36	G13	1213	14	2600	185	4000	120	80	75 000		10	1	
LED TUBE T8 EM ULTRA OUTPUT HIGH TEMPERATURE S 1500 mm 22.1W 840	4099854258596	58	G13	1514	22.1	4100	185	4000	120	80	75 000		10	1	

SAFETY ADVICE

Before installation it is recommended to be checked, if the luminaire and especially the holders are in good condition and capable of carrying the weight of the lamp.

Only suitable for temperatures of up to 80° C inside of the luminaire.

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ 2 years guarantee for operation between Tc 61° C and Tc max., 5 years guarantee for operation at Tc ≤ 60° C. Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ULTRA OUTPUT HIGHBAY^{1,2}



High performance LED tubes for electromagnetic control gear (CCG) and AC mains, and for high bay applications



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Narrow beam angle: 90°
- Rotatable end caps
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- ENEC 10 VDE mark
- Lifetime: up to 75,000 h

PRODUCT BENEFITS

- Very high illuminance level compared to standard LED tubes
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 62 % (compared to T8 fluorescent lamp)

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Storage and (high bay) warehouses
- Illumination of production areas
- Industry

Product name	GTIN (EAN)	W _Δ W	Socket	L (mm)	W	lm	lm/W	K	Beam angle	CRI	t _h ⁴	Energy efficiency class ⁵	RoHS	Light No.
LED TUBE T8 EM ULTRA OUTPUT HIGHBAY S 1200 mm 14W 840	4099854258633	36	G13	1213	14	2600	185	4000	90	80	75 000	III	10	1
LED TUBE T8 EM ULTRA OUTPUT HIGHBAY S 1500 mm 22.1W 840	4099854258671	58	G13	1514	22.1	4100	185	4000	90	80	75 000	III	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ULTRA OUTPUT 6 kV^{1,2}

SUPERIOR CLASS

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, 6 kV surge protection, shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- High surge protection: up to 6 kV (L-N)
- Low flicker according to EU 2019-2020 (SVM \leq 0,4 / PstLM \leq 1)
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- ENEC 10 VDE mark

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Rail stations, overground and underground
- Illumination of production areas
- Traffic zones and corridors
- Industry

Product name	GTIN (EAN)	W Δ W		$\frac{l}{(mm)}$	W	lm	$\frac{lm}{W}$	K	Δ	CRI	t _h ⁴			
LED TUBE T8 EM ULTRA OUTPUT 6kV S 1200 mm 14W 840	4099854147791	36	G13	1212	14	2600	185	4000	190	80	75 000		10	1
LED TUBE T8 EM ULTRA OUTPUT 6kV S 1500 mm 22.1W 840	4099854147814	58	G13	1513	22.1	4100	185	4000	190	80	75 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 EM CHIP CONTROL ^{1,2}

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, with UV filter sleeves



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Excellent filter performance below 500 nm
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- ENEC 10 VDE mark
- Lifetime: up to 50,000 h

PRODUCT BENEFITS

- Excellent UV filter
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 62 % (compared to T8 fluorescent lamp)
- Instant-on light, therefore ideally suitable in combination with sensor technology

AREAS OF APPLICATION

- Micro chip and semiconductor production
- Applications where UV and blue light percentage have to be reduced to a minimum
- Industry

Product name	GTIN (EAN)	W _{avg}	W	Im	Im/W	K	CRI	t _h ³	Light No.				
LED TUBE T8 EM CHIP CONTROL S 1200 mm 18W	4099854271472	36	G13	1212	18	2000	111	2000	190	35	50 000	10	1
LED TUBE T8 EM CHIP CONTROL S 1500 mm 23W	4099854271496	58	G13	1513	23	2500	108	2000	190	35	50 000	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ L70/B50

LED TUBE T8 EM MOTION SENSOR^{1,2}

LED tubes with integrated microwave sensor for electromagnetic control gear (CCG) and AC mains, shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Integrated microwave sensor with motion detection
- Automatic dimming to 20 % light output after 5 minutes without motion detection
- Automatic light switch off 7 minutes after the last motion detection
- Microwave sensor with 5,8 GHz

PRODUCT BENEFITS

- Energy savings of up to 67 % compared to conventional fluorescent lamp
- Suitable for closed luminaires thanks to microwave technology
- Very high resistance to switching loads
- Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG
- No bending thanks to glass tube

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Corridors, stairways, parking garages
- Warehouses
- Walkways and corridors
- Logistics areas, transport facilities and corridors

Product name	GTIN (EAN)	wΔW	W	Im	Im/W	K	°	CRI	t(h) ⁴	Energy efficiency class (EEC) ⁵	Light bulb icon	No.		
LED TUBE T8 EM MOTION SENSOR P 600 mm 6.8W 840	4099854044472	18	G13	603	6.8	1100	161	4000	190	80	60 000	EC	10	1
LED TUBE T8 EM MOTION SENSOR P 1200 mm 13.1W 840	4099854044960	36	G13	1212	13.1	2100	160	4000	190	80	60 000	EC	10	1
LED TUBE T8 EM MOTION SENSOR P 1500 mm 19.3W 840	4099854045066	58	G13	1513	19.3	3100	160	4000	190	80	60 000	EC	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Recommended maximum mounting height: 5 m

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 EM FOOD^{1,2}

LED tubes for electromagnetic control gear (CCG) and AC mains, shatterproof, for food presentation



1



PRODUCT FEATURES

- Specially tailored spectral distribution (comparable to T8 FL NATURA 76)
- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- ENEC 10 VDE mark
- Type of protection: IP20

PRODUCT BENEFITS

- Food looks fresh and appetizing without unduly “beautifying” it
- Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG
- Energy savings of up to 74 % (compared to T8 fluorescent lamp)
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation

AREAS OF APPLICATION

- Food presentation in e.g. butchers, bakeries, supermarkets or meat processors
- Suitable for ambient temperatures of -20 to +50° C

Product name	GTIN (EAN)	W ^Δ W	⚡	$\frac{l}{[mm]}$	W	lm	$\frac{lm}{W}$	K	Δ	CRI	t _h ⁴		No.
LED TUBE T8 EM FOOD P 600 mm 5.2W 833	4099854044793	18	G13	603	5.2	500	96	3300	190	80	60 000	10	1
LED TUBE T8 EM FOOD P 900 mm 7.9W 833	4099854045226	30	G13	908	7.9	750	94	3300	190	80	60 000	10	1
LED TUBE T8 EM FOOD P 1200 mm 11.6W 833	4099854045004	36	G13	1212	11.6	1100	94	3300	190	80	60 000	10	1
LED TUBE T8 EM FOOD P 1500 mm 17.9W 833	4099854045127	58	G13	1513	17.9	1700	94	3300	190	80	60 000	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50

LED TUBE T8 EM CONNECTED¹

PERFORMANCE CLASS

LED tube for electromagnetic control gear (CCG) works with Connected Sensors, shatterproof



1



PRODUCT FEATURES

- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- LED TUBE T8 EM Connected can be only operated with LEDVANCE Connected Sensor

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- Short payback period thanks to low energy consumption and maintenance costs

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50° C
- Parking lots, warehouses, production areas
- Industry
- Offices

Product name	GTIN (EAN)	W _{max}	W	Im	Im/W	K	CRI	t _h ³	LED	LED No.	LED No.		
LED TUBE T8 EM CONNECTED P 600 mm 7.5W 830	4099854144431	18	G13	603	7.5	1000	133	3000	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 600 mm 7.5W 840	4058075823938	18	G13	603	7.5	1100	146	4000	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 600 mm 7.5W 865	4058075823952	18	G13	603	7.5	1100	146	6500	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 1200 mm 16W 830	4099854144455	36	G13	1213	16	2160	135	3000	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 1200 mm 16W 840	4058075823976	36	G13	1213	16	2400	150	4000	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 1200 mm 16W 865	4058075823990	36	G13	1213	16	2400	150	6500	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 1500 mm 24W 830	4099854144479	58	G13	1513	24	3250	135	3000	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 1500 mm 24W 840	4058075824010	58	G13	1513	24	3600	150	4000	190	80	50000	10	1
LED TUBE T8 EM CONNECTED P 1500 mm 24W 865	4058075824034	58	G13	1513	24	3600	150	6500	190	80	50000	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Connected Sensor Low Bay and High Bay

Sensor for LED Connected TUBE

Connected Sensor Remote

Connected Sensor Remote for LEDVANCE Connected Sensor HB and LB



1

2



Connected Sensor Low Bay and High Bay

PRODUCT FEATURES

- Wireless smart PIR motion sensor
- Connected Sensor LB: mounting height up to 4 m
- Connected Sensor HB: mounting height up to 4...14 m
- Two step dimming: 20 % and 100 % light output
- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- Connected tube can be only operated with Connected sensor

PRODUCT BENEFITS

- Multiple sensors can be networked
- Control of compatible products without Internet connection or smart devices
- Easy to install and use

AREAS OF APPLICATION

- For indoor use only (IP54)
- Passive infra red sensor for ambient temperatures between -20 and +50° C
- Parking lots, warehouses, production areas, stairways
- Industry
- Offices

Product name	GTIN (EAN)	INFRARED	L × W × H [mm]	°	IP	V _{bc}	t _{in} ³	kHz ECG	⊞	Light No.
Connected Sensor ST8 LB	4058075232969	Passive infrared (PIR)	126x65	360	IP54	220.0...240	50 000	50	27	1
Connected Sensor ST8 HB	4058075232983	Passive infrared (PIR)	126x65	180	IP54	220.0...240	50 000	50	27	1

Connected Sensor Remote

PRODUCT FEATURES

- Compatible with LEDVANCE Connected Sensor HB and LB (Gen 2)
- Battery included (Lithium, 3 V)

PRODUCT BENEFITS

- LEDVANCE Connected sensor remote control for easy installation
- 3 years guarantee

Product name	GTIN (EAN)	L × W × H [mm]	°	⊞	Light No.
CONNECTED SENSOR REMOTE	4058075374034	58x94x8	15	10	2

¹ 4058075374034 | ^{1,2} Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50

LED TUBE T8 UNIVERSAL ULTRA OUTPUT^{1,2}

PERFORM-
MANCE
CLASS

LED tubes for electronic control gear (ECG), electromagnetic control gear (CCG) and AC mains, shatterproof



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection
- For especially uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 60 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	wΔW		$\frac{l}{mm}$	W	lm	$\frac{lm}{W}$	K	Δ	CRI	t _h ⁴	$\frac{l}{lm}$ ⁵		No.
LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1200 mm 15W 840	4099854026294	36	G13	1211	15	2400	160	4000	190	80	60000		10	1
LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1200 mm 15W 865	4099854026331	36	G13	1211	15	2400	160	6500	190	80	60000		10	1
LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1500 mm 23W 840	4099854026577	58	G13	1513	23	3700	160	4000	190	80	60000		10	1
LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1500 mm 23W 865	4099854026591	58	G13	1513	23	3700	160	6500	190	80	60000		10	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

For operation of LEDTUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 UNIVERSAL 1,2

LED tubes for electronic control gear (ECG), electromagnetic control gear (CCG) and AC mains, shatterproof



1



Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection
- For especially uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 66 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	wΔW	Socket	l [mm]	W	lm	lm/W	K	Beam angle	CRI	t _h ⁴	EEC ⁵	RoHS	Light No.
LED TUBE T8 UNIVERSAL P 600 mm 7.5W 830	4099854026119	18	G13	603	7.5	1000	133	3000	190	80	60000	EE	10	1
LED TUBE T8 UNIVERSAL P 600 mm 7.5W 840	4099854026157	18	G13	603	7.5	1100	146	4000	190	80	60000	ED	10	1
LED TUBE T8 UNIVERSAL P 600 mm 7.5W 865	4099854026218	18	G13	603	7.5	1100	146	6500	190	80	60000	ED	10	1
LED TUBE T8 UNIVERSAL P 1200 mm 14W 830	4099854026492	36	G13	1211	14	1900	135	3000	190	80	60000	ED	10	1
LED TUBE T8 UNIVERSAL P 1200 mm 14W 840	4099854026393	36	G13	1211	14	2100	150	4000	190	80	60000	ED	10	1
LED TUBE T8 UNIVERSAL P 1200 mm 14W 865	4099854026430	36	G13	1211	14	2100	150	6500	190	80	60000	ED	10	1
LED TUBE T8 UNIVERSAL P 1500 mm 20W 830	4099854026652	58	G13	1513	20	2800	140	3000	190	80	60000	ED	10	1
LED TUBE T8 UNIVERSAL P 1500 mm 20W 840	4099854026614	58	G13	1513	20	3100	155	4000	190	80	60000	ED	10	1
LED TUBE T8 UNIVERSAL P 1500 mm 20W 865	4099854026638	58	G13	1513	20	3100	155	6500	190	80	60000	ED	10	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction. The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation. For operation of LEDTUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 UNIVERSAL 1,2

VALUE CLASS

LED tubes for electronic control gear (ECG), electromagnetic control gear (CCG) and AC mains



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM \leq 0,4 / PstLM \leq 1)
- Tube made of glass
- Uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 58 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^{\circ}\text{C}$
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

Product name	GTIN (EAN)	w Δ W		$\frac{l}{(mm)}$	W	lm	$\frac{lm}{W}$	K	Δ°	CRI	t _h ⁴			
LED TUBE T8 UNIVERSAL V 600 mm 8W 830	4099854026515	18	G13	603	8	800	100	3000	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 600 mm 8W 840	4099854026539	18	G13	603	8	900	112	4000	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 600 mm 8W 865	4099854026553	18	G13	603	8	900	112	6500	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 1200 mm 18W 830	4099854026317	36	G13	1211	18	1850	102	3000	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 1200 mm 18W 840	4099854026355	36	G13	1211	18	2000	111	4000	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 1200 mm 18W 865	4099854026379	36	G13	1211	18	2000	111	6500	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 1500 mm 24W 830	4099854026416	58	G13	1513	24	2550	106	3000	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 1500 mm 24W 840	4099854026454	58	G13	1513	24	2800	116	4000	190	80	30000		10	1
LED TUBE T8 UNIVERSAL V 1500 mm 24W 865	4099854026478	58	G13	1513	24	2800	116	6500	190	80	30000		10	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

For operation of LEDTUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 HF ULTRA OUTPUT^{1,2}

LED tubes for electronic high frequency control gear (ECG), shatterproof



1



Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in ECG luminaires
- Compatible with many common electronic control gears (see also compatibility list)
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection
- For especially uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Quick, simple and safe replacement without rewiring

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W _{LED}	Socket	Length [mm]	W	lm	lm/W	K	Beam angle	CRI	t _h ⁴	Energy efficiency class ⁵	RoHS	Light No.
LED TUBE T8 HF ULTRA OUTPUT P 1200 mm 15W 840	4099854026133	36	G13	1211	15	2400	160	4000	190	80	75 000	ED	10	1
LED TUBE T8 HF ULTRA OUTPUT P 1200 mm 15W 865	4099854026171	36	G13	1211	15	2400	160	6500	190	80	75 000	ED	10	1
LED TUBE T8 HF ULTRA OUTPUT P 1500 mm 23W 840	4099854026195	58	G13	1513	23	3700	160	4000	190	80	75 000	ED	10	1
LED TUBE T8 HF ULTRA OUTPUT P 1500 mm 23W 865	4099854026232	58	G13	1513	23	3700	160	6500	190	80	75 000	ED	10	1

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 HF^{1,2}

PERFORM-
MANCE
CLASS

LED tubes for electronic high frequency control gear (ECG), shatterproof



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in ECG luminaires
- Compatible with many common electronic control gears (see also compatibility list)
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection
- For especially uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 66 % (compared to T8 fluorescent lamp)

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	wΔW		$\frac{l}{(mm)}$	W	lm	$\frac{lm}{W}$	K	Δ	CRI	t _h ⁴			
LED TUBE T8 HF P 600 mm 7.5W 830	4099854026058	18	G13	603	7.5	1000	133	3000	190	80	75 000		10	1
LED TUBE T8 HF P 600 mm 7.5W 840	4099854026072	18	G13	603	7.5	1100	146	4000	190	80	75 000		10	1
LED TUBE T8 HF P 600 mm 7.5W 865	4099854026096	18	G13	603	7.5	1100	146	6500	190	80	75 000		10	1
LED TUBE T8 HF P 1200 mm 14W 830	4099854025914	36	G13	1211	14	1900	135	3000	190	80	75 000		10	1
LED TUBE T8 HF P 1200 mm 14W 840	4099854025938	36	G13	1211	14	2100	150	4000	190	80	75 000		10	1
LED TUBE T8 HF P 1200 mm 14W 865	4099854025952	36	G13	1211	14	2100	150	6500	190	80	75 000		10	1
LED TUBE T8 HF P 1500 mm 20W 830	4099854025976	58	G13	1513	20	2800	140	3000	190	80	75 000		10	1
LED TUBE T8 HF P 1500 mm 20W 840	4099854025990	58	G13	1513	20	3100	155	4000	190	80	75 000		10	1
LED TUBE T8 HF P 1500 mm 20W 865	4099854026010	58	G13	1513	20	3100	155	6500	190	80	75 000		10	1

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 HF 1,2

Economic LED tubes for electronic high frequency control gear (ECG)



1



Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in ECG luminaires
- Compatible with many common electronic control gears (see also compatibility list)
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Tube made of glass
- Uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass tube
- Energy savings of up to 55 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement without rewiring
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

Product name	GTIN (EAN)	W _{max}			W	lm	lm/W	K		CRI	t _h			
LED TUBE T8 HF V 600 mm 8W 840	4099854026256	18	G13	603	8	900	112	4000	190	80	30000		10	1
LED TUBE T8 HF V 600 mm 8W 865	4099854026270	18	G13	603	8	900	112	6500	190	80	30000		10	1

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 HF^{1,2}

PERFORMANCE CLASS

LED tubes for electronic high frequency control gear (ECG), shatterproof



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- Retrofit replacement of existing T5 lamps on HF ballast installations
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- High colour consistency: ≤ 5 SDCM
- Lifetime: up to 50,000 h
- Low flicker according to EU 2019-2020 (SVM $\leq 0,4$ / PstLM ≤ 1)

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- High luminous flux for sophisticated lighting tasks
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^{\circ}\text{C}$
- Offices, public buildings
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W/W	mm	l (mm)	W	lm	lm/W	K	°	CRI	t(h)	5	6	7
LED TUBE T5 HF HE14 P 549 mm 7W 830	4099854029448	14	G5	563	7	900	128	3000	190	80	50000	LED	10	1
LED TUBE T5 HF HE14 P 549 mm 7W 840	4099854029462	14	G5	563	7	1000	142	4000	190	80	50000	LED	10	1
LED TUBE T5 HF HE14 P 549 mm 7W 865	4099854029486	14	G5	563	7	1000	142	6500	190	80	50000	LED	10	1
LED TUBE T5 HF HE21 P 849 mm 10W 830	4099854029387	21	G5	863	10	1350	135	3000	190	80	50000	LED	10	1
LED TUBE T5 HF HE21 P 849 mm 10W 840	4099854029400	21	G5	863	10	1500	150	4000	190	80	50000	LED	10	1
LED TUBE T5 HF HE21 P 849 mm 10W 865	4099854029424	21	G5	863	10	1500	150	6500	190	80	50000	LED	10	1
LED TUBE T5 HF HE28 P 1149 mm 16W 830	4099854029325	28	G5	1163	16	2160	135	3000	190	80	50000	LED	10	1
LED TUBE T5 HF HE28 P 1149 mm 16W 840	4099854029349	28	G5	1163	16	2400	150	4000	190	80	50000	LED	10	1
LED TUBE T5 HF HE28 P 1149 mm 16W 865	4099854029363	28	G5	1163	16	2400	150	6500	190	80	50000	LED	10	1
LED TUBE T5 HF HE35 P 1449 mm 18W 830	4099854029172	35	G5	1463	18	2550	141	3000	190	80	50000	LED	10	1
LED TUBE T5 HF HE35 P 1449 mm 18W 840	4099854029196	35	G5	1463	18	2800	155	4000	190	80	50000	LED	10	1
LED TUBE T5 HF HE35 P 1449 mm 18W 865	4099854029219	35	G5	1463	18	2800	155	6500	190	80	50000	LED	10	1
LED TUBE T5 HF H054 P 1149 mm 26W 830	4099854029257	54	G5	1163	26	3600	138	3000	190	80	50000	LED	10	1
LED TUBE T5 HF H054 P 1149 mm 26W 840	4099854029271	54	G5	1163	26	4000	153	4000	190	80	50000	LED	10	1
LED TUBE T5 HF H054 P 1149 mm 26W 865	4099854029301	54	G5	1163	26	4000	153	6500	190	80	50000	LED	10	1
LED TUBE T5 HF H049 P 1449 mm 26W 830	4099854029110	49	G5	1463	26	3600	138	3000	190	80	50000	LED	10	1
LED TUBE T5 HF H049 P 1449 mm 26W 840	4099854029134	49	G5	1463	26	4000	153	4000	190	80	50000	LED	10	1
LED TUBE T5 HF H049 P 1449 mm 26W 865	4099854029158	49	G5	1463	26	4000	153	6500	190	80	50000	LED	10	1
LED TUBE T5 HF H080 P 1449 mm 36W 830	4099854029059	80	G5	1463	36	5050	140	3000	190	80	50000	LED	10	1
LED TUBE T5 HF H080 P 1449 mm 36W 840	4099854029073	80	G5	1463	36	5600	155	4000	190	80	50000	LED	10	1
LED TUBE T5 HF H080 P 1449 mm 36W 865	4099854029097	80	G5	1463	36	5600	155	6500	190	80	50000	LED	10	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T5 AC MAINS 1,2

LED tubes for operation on AC mains



1



PRODUCT FEATURES

- LED replacement for T5 fluorescent lamps with G5 base on AC mains
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- High colour consistency: ≤ 5 SDCM
- Lifetime: up to 50,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^{\circ}\text{C}$
- Offices, public buildings
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W Δ W	M	L (mm)	W	lm	lm/W	K	Δ°	CRI	t(h) ⁴	IP ³	EEC ⁵	No.
LED TUBE T5 AC HE14 P 549 mm 7W 830	4058075824416	14	G5	563	7	900	128	3000	190	80	50000	IE	10	1
LED TUBE T5 AC HE14 P 549 mm 7W 840	4058075824430	14	G5	563	7	1000	142	4000	190	80	50000	IE	10	1
LED TUBE T5 AC HE14 P 549 mm 7W 865	4058075824454	14	G5	563	7	1000	142	6500	190	80	50000	IE	10	1
LED TUBE T5 AC H024 P 549 mm 10W 830	4099854081200	24	G5	563	10	1350	135	3000	190	80	50000	IE	10	1
LED TUBE T5 AC H024 P 549 mm 10W 840	4099854081224	24	G5	563	10	1500	150	4000	190	80	50000	IE	10	1
LED TUBE T5 AC H024 P 549 mm 10W 865	4099854081248	24	G5	563	10	1500	150	6500	190	80	50000	IE	10	1
LED TUBE T5 AC HE21 P 849 mm 10W 830	4058075824355	21	G5	863	10	1350	135	3000	190	80	50000	IE	10	1
LED TUBE T5 AC HE21 P 849 mm 10W 840	4058075824379	21	G5	863	10	1500	150	4000	190	80	50000	IE	10	1
LED TUBE T5 AC HE21 P 849 mm 10W 865	4058075824393	21	G5	863	10	1500	150	6500	190	80	50000	IE	10	1
LED TUBE T5 AC H039 P 849 mm 16W 830	4099854081149	39	G5	863	16	2160	135	3000	190	80	50000	IE	10	1
LED TUBE T5 AC H039 P 849 mm 16W 840	4099854081163	39	G5	863	16	2400	150	4000	190	80	50000	IE	10	1
LED TUBE T5 AC H039 P 849 mm 16W 865	4099854081187	39	G5	863	16	2400	150	6500	190	80	50000	IE	10	1
LED TUBE T5 AC HE28 P 1149 mm 16W 830	4058075824294	28	G5	1163	16	2150	134	3000	190	80	50000	IE	10	1
LED TUBE T5 AC HE28 P 1149 mm 16W 840	4058075824317	28	G5	1163	16	2400	150	4000	190	80	50000	IE	10	1
LED TUBE T5 AC HE28 P 1149 mm 16W 865	4058075824331	28	G5	1163	16	2400	150	6500	190	80	50000	IE	10	1
LED TUBE T5 AC HE35 P 1449 mm 18W 830	4058075824232	35	G5	1463	18	2550	141	3000	190	80	50000	IE	10	1
LED TUBE T5 AC HE35 P 1449 mm 18W 840	4058075824256	35	G5	1463	18	2800	155	4000	190	80	50000	IE	10	1
LED TUBE T5 AC HE35 P 1449 mm 18W 865	4058075824270	35	G5	1463	18	2800	155	6500	190	80	50000	IE	10	1
LED TUBE T5 AC H049 P 1449 mm 26W 830	4058075824171	49	G5	1463	26	3600	138	3000	190	80	50000	IE	10	1
LED TUBE T5 AC H049 P 1449 mm 26W 840	4058075824195	49	G5	1463	26	4000	153	4000	190	80	50000	IE	10	1
LED TUBE T5 AC H049 P 1449 mm 26W 865	4058075824218	49	G5	1463	26	4000	153	6500	190	80	50000	IE	10	1
LED TUBE T5 AC H054 P 1149 mm 26W 830	4058075824119	54	G5	1163	26	3600	138	3000	190	80	50000	IE	10	1
LED TUBE T5 AC H054 P 1149 mm 26W 840	4058075824133	54	G5	1163	26	4000	153	4000	190	80	50000	IE	10	1
LED TUBE T5 AC H054 P 1149 mm 26W 865	4058075824157	54	G5	1163	26	4000	153	6500	190	80	50000	IE	10	1
LED TUBE T5 AC H080 P 1449 mm 36W 830	4058075824058	80	G5	1463	36	5050	140	3000	190	80	50000	IE	10	1
LED TUBE T5 AC H080 P 1449 mm 36W 840	4058075824072	80	G5	1463	36	5600	155	4000	190	80	50000	IE	10	1
LED TUBE T5 AC H080 P 1449 mm 36W 865	4058075824096	80	G5	1463	36	5600	155	6500	190	80	50000	IE	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

After rewiring of a luminaire the installer will be responsible for all technical and safety consequences.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 HF SHORT^{1,2}

VALUE CLASS

LED tubes for electronic high frequency control gear (ECG), shatterproof



1



Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- Retrofit replacement of existing T5 lamps on HF ballast installations
- Lamp tube made of glass with splinter protection
- High colour consistency: ≤ 5 SDCM
- Lifetime: up to 30,000 h
- Low flicker according to EU 2019-2020 (SVM $\leq 0,4$ / PstLM ≤ 1)

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Also suitable for operation at low temperatures
- Please follow all safety advices

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Public buildings
- Kitchens
- Under-cabinet lighting

Product name	GTIN (EAN)	W Δ W	W	l (mm)	W	lm	lm/W	K	°	CRI	t _h ⁴	5	6	7
LED TUBE T5 HF L8 SHORT V 288 mm 4W 830	4058075823617	8	G5	302	4	380	95	3000	190	80	30000	EF	25	1
LED TUBE T5 HF L8 SHORT V 288 mm 4W 840	4058075823631	8	G5	302	4	400	100	4000	190	80	30000	EF	25	1
LED TUBE T5 HF L13 SHORT V 517 mm 7W 830	4058075823655	13	G5	530	7	770	110	3000	190	80	30000	EF	25	1
LED TUBE T5 HF L13 SHORT V 517 mm 7W 840	4058075823679	13	G5	530	7	850	121	4000	190	80	30000	EF	25	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE ACCESSORIES

CONVERSION KIT FOR SINGLE AND DOUBLE LAMP LUMINAIRES



1 2

PRODUCT FEATURES

- Conversion kit contains all necessary material for conversion of luminaires to AC mains
- Detailed step-by-step instruction for guaranteed TÜV-certification available

PRODUCT BENEFITS

- Safe and sustainable solution for LED upgrade if existing luminaires should be kept
- Only around 5 minutes per luminaire needed for rewiring
- No ECG compatibility issues
- No ECG maintenance necessary

Product name	GTIN (EAN)		
LED TUBE CONVERSION KIT 1 LAMP	4058118280612	250	1
LED TUBE CONVERSION KIT 2 LAMPS	4058118280636	250	2

STARTER FOR LED TUBE T8 EM (CCG)



3

PRODUCT FEATURES

- Substitute starter for the replacement of a fluorescent lamp with a T8 EM LED tube
- Suitable for operation with low loss or conventional control gear

AREAS OF APPLICATION

- Not suitable for operation with electronic control gears

Product name	GTIN (EAN)			
LED TUBE T8 EM STARTER	4099854067150	40	20	3

LED TUBE T8 EXTERNAL¹

PERFORMANCE CLASS

LED TUBE T8 EXTERNAL for LED DRIVER EXTERNAL



1



PRODUCT FEATURES

- Designed to power only with LED DRIVER LED TUBE EXTERNAL DALI
- Lamp tube made of glass with splinter protection
- Quality dimming of 1...100 %
- High resistance to switching loads
- Suitable for ambient temperatures from -20...+50° C

PRODUCT BENEFITS

- Simple upgrade to dimmable LED system
- Hassle free application, no ballast compatibility check necessary
- Suitable for emergency lighting (self-contained battery pack)
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube

AREAS OF APPLICATION

- Industrial lighting (e.g. manufacturing plants, logistic centres, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets

Product name	GTIN (EAN)	w×w	mm	l (mm)	W	lm	lm/w	K	°	CRI	t(h) ³	LED	LED	LED	LED
LED TUBE T8 EXTERNAL P 600 mm 7.3W 830	4099854294426	18	G13	603	7.3	1000	136	3000	190	80	75 000	LED	25	1	
LED TUBE T8 EXTERNAL P 600 mm 7.3W 840	4099854294440	18	G13	603	7.3	1100	150	4000	190	80	75 000	LED	25	1	
LED TUBE T8 EXTERNAL P 600 mm 7.3W 865	4099854294464	18	G13	603	7.3	1100	150	6500	190	80	75 000	LED	25	1	
LED TUBE T8 EXTERNAL P 1200 mm 15W 830	4099854015281	36	G13	1213	15	2160	144	3000	190	80	50 000	LED	25	1	
LED TUBE T8 EXTERNAL P 1200 mm 15W 840	4058075730595	36	G13	1213	15	2400	160	4000	190	80	50 000	LED	25	1	
LED TUBE T8 EXTERNAL P 1200 mm 15W 865	4058075730618	36	G13	1213	15	2400	160	6500	190	80	50 000	LED	25	1	
LED TUBE T8 EXTERNAL P 1500 mm 23W 830	4099854015328	58	G13	1513	23	3350	145	3000	190	80	50 000	LED	25	1	
LED TUBE T8 EXTERNAL P 1500 mm 23W 840	4058075730557	58	G13	1513	23	3700	160	4000	190	80	50 000	LED	25	1	
LED TUBE T8 EXTERNAL P 1500 mm 23W 865	4058075730571	58	G13	1513	23	3700	160	6500	190	80	50 000	LED	25	1	

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ Designed to power with LEDVANCE LED DRIVER LED TUBE EXTERNAL DALI P



LED TUBE T5 EXTERNAL¹

LED TUBE T5 EXTERNAL for LED DRIVER EXTERNAL



1



PRODUCT FEATURES

- Designed to power only with LED DRIVER LED TUBE EXTERNAL DALI
- Lamp tube made of glass with splinter protection
- Quality dimming of 1...100 %
- High resistance to switching loads
- Suitable for ambient temperatures from -20...+50° C

PRODUCT BENEFITS

- Simple upgrade to dimmable LED system
- Hassle free application, no ballast compatibility check necessary
- Suitable for emergency lighting (self-contained battery pack)
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube

AREAS OF APPLICATION

- Industrial lighting (e.g. manufacturing plants, logistic centres, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets

Product name	GTIN (EAN)	W	W	Im	lm/w	K	°	CRI	t _c	°C	Energy efficiency class	Shatter protection	Emergency lighting	Light No.
LED TUBE T5 EXTERNAL HE14 P 549 mm 7.3W 830	4099854294082	14	G5	563	7.3	1000	136	3000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE14 P 549 mm 7.3W 840	4099854294105	14	G5	563	7.3	1100	150	4000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE14 P 549 mm 7.3W 865	4099854294129	14	G5	563	7.3	1100	150	6500	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HO24 P 549 mm 10.5W 830	4099854294228	24	G5	563	10.5	1450	138	3000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HO24 P 549 mm 10.5W 840	4099854294242	24	G5	563	10.5	1600	152	4000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HO24 P 549 mm 10.5W 865	4099854294266	24	G5	563	10.5	1600	152	6500	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE21 P 849 mm 10.5W 830	4099854294150	21	G5	863	10.5	1450	138	3000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE21 P 849 mm 10.5W 840	4099854294181	21	G5	863	10.5	1600	152	4000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE21 P 849 mm 10.5W 865	4099854294204	21	G5	863	10.5	1600	152	6500	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HO39 P 849 mm 17W 830	4099854294365	39	G5	863	17	2350	138	3000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HO39 P 849 mm 17W 840	4099854294389	39	G5	863	17	2600	152	4000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HO39 P 849 mm 17W 865	4099854294402	39	G5	863	17	2600	152	6500	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE28 P 1149 mm 16W 830	4099854294303	28	G5	1163	16	2160	135	3000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE28 P 1149 mm 16W 840	4099854294327	28	G5	1163	16	2400	150	4000	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE28 P 1149 mm 16W 865	4099854294341	28	G5	1163	16	2400	150	6500	180	80	75 000	IE	25	1
LED TUBE T5 EXTERNAL HE35 P 1449 mm 18W 830	4099854015151	35	G5	1463	18	2550	141	3000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HE35 P 1449 mm 18W 840	4058075730519	35	G5	1463	18	2800	155	4000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HE35 P 1449 mm 18W 865	4058075730533	35	G5	1463	18	2800	155	6500	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO49 P 1449 mm 26W 830	4099854015175	49	G5	1463	26	3600	138	3000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO49 P 1449 mm 26W 840	4058075730434	49	G5	1463	26	4000	153	4000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO49 P 1449 mm 26W 865	4058075730458	49	G5	1463	26	4000	153	6500	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO54 P 1149 mm 26W 830	4099854015199	54	G5	1163	26	3600	138	3000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO54 P 1149 mm 26W 840	4058075730472	54	G5	1163	26	4000	153	4000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO54 P 1149 mm 26W 865	4058075730496	54	G5	1163	26	4000	153	6500	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO80 P 1449 mm 37W 830	4099854015267	80	G5	1463	37	5050	136	3000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO80 P 1449 mm 37W 840	4058075730410	80	G5	1463	37	5600	151	4000	180	80	50 000	IE	25	1
LED TUBE T5 EXTERNAL HO80 P 1449 mm 37W 865	4058075730397	80	G5	1463	37	5600	151	6500	180	80	50 000	IE	25	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation. LED TUBE T5 EXTERNAL HO80 cannot be operated with 2-channel driver.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ Designed to power with LEDVANCE LED DRIVER LED TUBE EXTERNAL DALI P



LED DRIVER LED TUBE EXTERNAL DALI¹

Constant current LED DRIVER EXTERNAL for LED TUBE EXTERNAL T5/T8



PRODUCT FEATURES

- Flexibility due to adjustable output currents via dip switch
- Quality dimming of 1...100 %
- Safety extra-low voltage (SELV) driver
- Lifetime: 100,000 h (for Tc = 65° C)
- ENEC-certified safety
- High resistance to switching loads

PRODUCT BENEFITS

- Multiwatt LED driver for LED TUBE EXTERNAL T5 and T8
- DALI 2.0 interface for dimming and sensor operations
- Suitable for emergency lighting
- Push DIM application for easy control
- 5 years guarantee

AREAS OF APPLICATION

- Suitable for luminaires of protection class I
- General illumination within ambient temperatures from -20...+50° C
- Linear lighting for office, education, storage areas and retail
- Industrial lighting (e.g. manufacturing plants, logistic centres, warehouses)
- Shops, supermarkets

Product name	GTIN (EAN)	W	Hz	W	t _{th} ³	T _a	T _c	PROTECTION CLASS	L x W x H [mm]	Light bulb icon
DR EXTERNAL DALI-P -1X7-37W 220-240	4099854295157	46	0/50/60	1...100	100 000	-20...+50	80	I	286 x 31 x 21	1
DR EXTERNAL DALI-P -2X7-26W 220-240	4099854295171	65	0/50/60	1...100	100 000	-20...+50	90	I	360 x 31 x 21	2

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ at Tc= 65°C / 10% failure rate



LED T5 FC EXTERNAL¹

LED T5 FC EXTERNAL with LED DRIVER DALI



1



PRODUCT FEATURES

- Designed to power with LEDVANCE LED DRIVER DALI
- Single-ended round LED lamp
- Suitable illumination within ambient temperatures from -20...+45° C
- Lifetime (L70/B50): up to 50,000 h (at 25° C)
- LED replacement for traditional T5 fluorescent circular lamps

PRODUCT BENEFITS

- Simple upgrade to dimmable LED system
- Hassle free application, no ballast compatibility check necessary
- Suitable for emergency lighting
- 5 years guarantee

AREAS OF APPLICATION

- Shops, hotels and restaurants
- Public buildings

Product name	GTIN (EAN)	W±W	mm	l (mm)	W	lm	lm/W	K	°	CRI	t(h) ³	EEC ⁴	Light No.	Light No.
LED T5 FC 22 EXTERNAL P 11.6W 830 2GX13	4099854300806	22	2GX13	225	11.6	1550	133	3000	120	80	50 000	E	10	1
LED T5 FC 22 EXTERNAL P 11.6W 840 2GX13	4099854300820	22	2GX13	225	11.6	1700	146	4000	120	80	50 000	D	10	1
LED T5 FC 22 EXTERNAL P 11.6W 865 2GX13	4099854300844	22	2GX13	225	11.6	1700	146	6500	120	80	50 000	D	10	1
LED T5 FC 40/55 EXTERNAL P 21.5W 830 2GX13	4099854300868	40/55	2GX13	300	21.5	2900	134	3000	120	80	50 000	E	10	1
LED T5 FC 40/55 EXTERNAL P 21.5W 840 2GX13	4099854300882	40/55	2GX13	300	21.5	3200	148	4000	120	80	50 000	D	10	1
LED T5 FC 40/55 EXTERNAL P 21.5W 865 2GX13	4099854300905	40/55	2GX13	300	21.5	3200	148	6500	120	80	50 000	D	10	1

SAFETY ADVICE

Suitable for indoor applications.

In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

Not suitable for operation with 230 V line voltage or electronic control gear.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T9 EM^{1,2}

VALUE CLASS

Circular LED tube for electromagnetic control gear (CCG) and AC mains



1



PRODUCT FEATURES

- LED alternative to classic T9 fluorescent lamps in CCG luminaires
- Uniform illumination
- Lifetime: up to 30,000 h
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Energy savings of up to 50 % (compared to T9 fluorescent lamp)
- Also suitable for operation at low temperatures
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Corridors, stairways, parking garages
- Domestic applications
- Decorative applications

Product name	GTIN (EAN)	W _Δ W	mm	l (mm)	W	lm	lm/W	K	°	CRI	t _h ⁴	5	6	7
LED TUBE T9 C 22 EM V 11W 830 G10Q	4099854042447	22	G10q	212	11	1200	109	3000	110	80	30000	10	1	
LED TUBE T9 C 22 EM V 11W 840 G10Q	4099854042461	22	G10q	212	11	1320	120	4000	110	80	30000	10	1	
LED TUBE T9 C 22 EM V 11W 865 G10Q	4099854042485	22	G10q	212	11	1320	120	6500	110	80	30000	10	1	
LED TUBE T9 C 32 EM V 18.3W 830 G10Q	4099854042508	32	G10q	300	18.3	2000	109	3000	110	80	30000	10	1	
LED TUBE T9 C 32 EM V 18.3W 840 G10Q	4099854042522	32	G10q	300	18.3	2200	120	4000	110	80	30000	10	1	
LED TUBE T9 C 32 EM V 18.3W 865 G10Q	4099854042546	32	G10q	300	18.3	2200	120	6500	110	80	30000	10	1	
LED TUBE T9 C 40 EM V 24W 840 G10Q	4099854042560	40	G10q	400	24	2900	120	4000	110	80	30000	10	1	
LED TUBE T9 C 40 EM V 24W 865 G10Q	4099854042584	40	G10q	400	24	2900	120	6500	110	80	30000	10	1	

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



HQL LED¹

LED replacement for HQL lamps in demanding outdoor applications



PRODUCT FEATURES

- Replacement for HQL: Suitable for operation with conventional control gear (CCG) for HQL or 230 V mains
- Replacement for other HID: Suitable for operation with line voltage without control gear
- Power factor: 0.9
- Type of protection: IP65
- High surge protection: up to 6 kV (L-N)

PRODUCT BENEFITS

- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL)
- Low maintenance costs thanks to long lifetime
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{max}	Base	h _{max} (mm)	W	lm	lm/W	K	θ	CRI	t _h ³	EEC ⁴	CCG	Light No.
HQL LED P 1800LM 14.5W 827 E27*	4099854040603	50	E27	138	14.5	1800	124	2700	360	80	60 000	E	6	1
HQL LED P 2000LM 14.5W 840 E27*	4099854040627	50	E27	138	14.5	2000	137	4000	360	80	60 000	D	6	1
HQL LED P 2700LM 21.5W 827 E27*	4099854040641	80	E27	145	21.5	2700	125	2700	360	80	60 000	E	6	2
HQL LED P 3000LM 21.5W 840 E27*	4099854040665	80	E27	145	21.5	3000	139	4000	360	80	60 000	D	6	2
HQL LED P 3600LM 29W 827 E27*	4099854040689	80	E27	172	29	3600	124	2700	360	80	60 000	E	6	3
HQL LED P 4000LM 29W 840 E27*	4099854040702	80	E27	172	29	4000	137	4000	360	80	60 000	D	6	3
HQL LED P 5400LM 41W 827 E27*	4099854040726	125	E27	195	41	5400	131	2700	360	80	60 000	E	6	4
HQL LED P 6000LM 41W 840 E27*	4099854040740	125	E27	195	41	6000	146	4000	360	80	60 000	D	6	4
HQL LED P 5400LM 41W 827 E40	4099854040764	125	E40	202	41	5400	131	2700	360	80	60 000	E	6	5
HQL LED P 6000LM 41W 840 E40	4099854040788	125	E40	202	41	6000	146	4000	360	80	60 000	D	6	5
HQL LED P 11700LM 90W 827 E40	4099854040801	250	E40	270	90	11700	130	2700	360	80	60 000	E	6	6
HQL LED P 13000LM 90W 840 E40	4099854040825	250	E40	270	90	13000	144	4000	360	80	60 000	D	6	6

SAFETY ADVICE

The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp. If possible, please install the safety rope included in the package containing the lamp for the types 90 W lamps.

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_c point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

HQL LED P ACCESSORIES^{1,2}

Accessories for HQL LED lamps



1

PRODUCT FEATURES

- Optional installation for shadowing
- Available for 2000 lm, 3000 lm and 4000 lm HQL LED lamps

PRODUCT BENEFITS

- Support reduction of circadian disruption and improve the residents' life quality
- Very easy to install on lamp and shift to desired direction inside of luminaire

AREAS OF APPLICATION

- Streets, residential areas, pedestrian zones, parks

Product name	GTIN (EAN)			
HQL LED P ACCESSORIES 2000LM LAMP SHADE ³	4099854040849	90	6	1
HQL LED P ACCESSORIES 3000LM LAMP SHADE ⁴	4099854040863	96	6	1
HQL LED P ACCESSORIES 4000LM LAMP SHADE ⁵	4099854040887	125	6	1

SAFETY ADVICE

Only to be used with LEDVANCE HQL LED P lamps.

Use in very tight or narrow luminaires is not recommended as this can shorten the lifetime of the lamp.

¹ Protection class: IP20 | ² Non-dimmable | ³ Optional accessory for the following HQL LED lamps: HQL LED 1800 14,5W 4099854040603 and HQL LED 2000 14,5W 4099854040627 |

⁴ Optional accessory for the following HQL LED lamps: HQL LED 2700 21,5W 4099854040641 and HQL LED 3000 21,5W 4099854040665 | ⁵ Optional accessory for the following HQL LED lamps: HQL LED 3600 29W 4099854040689 and HQL LED 4000 29W 4099854040702

HQL LED FILAMENT¹

LED replacement for HQL lamps in design-oriented outdoor applications



PRODUCT FEATURES

- Replacement for HQL: Suitable for operation with conventional control gear (CCG) for HQL or 230 V mains
- Replacement for other HID: Suitable for operation with line voltage without control gear
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)

PRODUCT BENEFITS

- Same design as traditional HQL lamps with frosted, ellipsoid full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL)
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W/W	mm	mm	W	lm	lm/W	K	°	CRI	t _h ³	EEC ⁴	RoHS	LED No.
HQL LED FILAMENT V 1800LM 13W 827 E27	4099854071737	50	E27	151	13	1800	138	2700	360	80	25000	ED	6	1
HQL LED FILAMENT V 2000LM 13W 840 E27	4099854071751	50	E27	151	13	2000	153	4000	360	80	25000	ED	6	1
HQL LED FILAMENT V 2700LM 20W 827 E27	4099854071775	80	E27	151	20	2700	135	2700	360	80	25000	ED	6	1
HQL LED FILAMENT V 3000LM 20W 840 E27	4099854071799	80	E27	151	20	3000	150	4000	360	80	25000	ED	6	1
HQL LED FILAMENT V 3600LM 24W 827 E27	4099854071812	80	E27	217	24	3600	150	2700	360	80	25000	ED	6	2
HQL LED FILAMENT V 4000LM 24W 840 E27	4099854071836	80	E27	217	24	4000	166	4000	360	80	25000	ED	6	2
HQL LED FILAMENT V 5400LM 38W 827 E27	4099854071850	125	E27	217	38	5400	142	2700	360	80	25000	ED	6	3
HQL LED FILAMENT V 6000LM 38W 840 E27	4099854071874	125	E27	217	38	6000	157	4000	360	80	25000	ED	6	3
HQL LED FILAMENT V 5400LM 38W 827 E40	4099854071898	125	E40	202	38	5400	142	2700	360	80	25000	ED	6	2
HQL LED FILAMENT V 6000LM 38W 840 E40	4099854071911	125	E40	202	38	6000	157	4000	360	80	25000	ED	6	2
HQL LED FILAMENT V 8100LM 60W 827 E40	4099854071935	250	E40	260	60	8100	135	2700	360	80	25000	ED	6	4
HQL LED FILAMENT V 9000LM 60W 840 E40	4099854071959	250	E40	260	60	9000	150	4000	360	80	25000	ED	6	4

SAFETY ADVICE

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_c point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

Only suitable for temperatures of up to 50° C inside of the luminaire. Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

NAV LED FILAMENT¹

LED replacement for NAV lamps in design-oriented outdoor applications



PRODUCT FEATURES

- Suitable for operation with conventional control gear (CCG) or 230 V AC mains
- Very high efficiency of up to 190 lm/W
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)

PRODUCT BENEFITS

- Same design as traditional NAV lamps with clear, tubular full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 78 % energy when used as replacement for sodium vapor lamps (NAV)
- Instant 100 % light, no warm-up time
- Similar light distribution as traditional NAV lamps

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _Δ W	mm	l (mm)	W	lm	lm/W	K	°	CRI	t _h ³	Energy efficiency class (EEC) ⁴	RoHS	Light No.
NAV 50 LED FILAMENT V 3600LM 21W 727 E27	4099854071973	50	E27	170	21	3600	171	2700	360	70	25000	E C	6	1
NAV 50 LED FILAMENT V 4000LM 21W 740 E27	4099854071997	50	E27	170	21	4000	190	4000	360	70	25000	E D	6	1
NAV 70 LED FILAMENT V 5400LM 35W 727 E27	4099854072017	70	E27	210	35	5400	154	2700	360	70	25000	E D	6	2
NAV 70 LED FILAMENT V 6000LM 35W 740 E27	4099854072031	70	E27	210	35	6000	171	4000	360	70	25000	E C	6	2
NAV 100 LED FILAMENT V 7000LM 41W 727 E40	4099854072055	100	E40	225	41	7000	170	2700	360	70	25000	E C	6	3
NAV 100 LED FILAMENT V 7500LM 41W 740 E40	4099854072079	100	E40	225	41	7500	182	4000	360	70	25000	E C	6	3

SAFETY ADVICE

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_c point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

Only suitable for temperatures of up to 50° C inside of the luminaire. Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



NAV LED FILAMENT AMBER¹

LED replacement for NAV lamps in design-oriented outdoor applications with reduced percentage of blue light



PRODUCT FEATURES

- Less than 1,5 % of blue light (< 500 nm)
- Very warm light colour of 1800 K similar to traditional sodium vapor lamps (NAV)
- Suitable for operation with conventional control gear (CCG) or 230 V AC mains
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)

PRODUCT BENEFITS

- Support wildlife protection thanks to very low percentage of blue light
- Support reduction of circadian disruption and improve the residents' life quality
- Better colour rendering and enhanced visibility compared to traditional sodium vapor lamps (NAV)
- Same design as traditional NAV lamps with clear, tubular full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 70 % energy when used as replacement for sodium vapor lamps (NAV)
- Instant 100 % light, no warm-up time
- Similar light distribution as traditional NAV lamps

AREAS OF APPLICATION

- Street and outdoor lighting
- Areas close to nature
- Residential interiors
- Parks
- Historic buildings and districts
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _A W	W	Im	Im/W	K	°	CRI	t _h ³	Icons	No.		
NAV 50 LED FILAMENT AMBER V 1600LM 15W 718 E27	4058075843585	50	E27	170	15	1600	106	1800	360	70	25000	6	1
NAV 70 LED FILAMENT AMBER V 2500LM 23W 718 E27	4058075843608	70	E27	210	23	2500	108	1800	360	70	25000	6	2
NAV 100 LED FILAMENT AMBER V 3200LM 30W 718 E40	4058075843622	100	E40	225	30	3200	106	1800	360	70	25000	6	3

SAFETY ADVICE

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_c point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

Only suitable for temperatures of up to 50° C inside of the luminaire. Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50

HID LED Highbay Universal

LED replacement for HID lamps for high-bay luminaires



1



PRODUCT FEATURES

- Type of protection: IP40
- High surge protection: up to 4 kV (L-N)

PRODUCT BENEFITS

- Direct replacement for traditional HID lamps thanks to CCG and ignitor compatibility
- Operation on AC mains for highest energy efficiency possible
- Energy savings of up to 68 % when replacing traditional HQI lamps
- Effective thermal management for wide operating temperature range
- Low maintenance costs thanks to long lifetime

AREAS OF APPLICATION

- LED alternative for applications requiring a high luminous flux
- Industrial and storage facilities
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	CRI	L [mm]	∅ d [mm]	∠	t [h] ²	LED ³	⊞	⚡ No.
HID LED Highbay Universal P 14000 LM 105W 840 E40	4058075780385	250	E40	105	14 000	4 000	80	263	250	100	50 000	EE	4	1
HID LED Highbay Universal P 21000 LM 150W 840 E40	4058075780408	400	E40	150	21 000	4 000	80	263	250	100	50 000	ED	4	1
HID LED Highbay Universal P 25000 LM 160W 840 E40	4058075780422	400	E40	160	25 000	4 000	80	263	250	100	50 000	ED	4	1

SAFETY ADVICE

The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp. Safety sling has to be installed.

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

Only suitable for temperatures of up to 50° C inside of the luminaire.

Not suitable for operation with electronic control gear.

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED D EM & AC MAINS^{1,2}

LED replacement for CFLni with 2-pin G24d base for CCG and AC mains operation



1



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended two-pin plug-in G24d base
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	w _{av}			W	lm	lm/W	K		CRI	t _h ⁴			
DULUX LED D10 EM & AC MAINS V 5W 830 G24D-1	4058075823051	10	G24d-1	110	5	540	108	3000	120	80	30 000		10	1
DULUX LED D10 EM & AC MAINS V 5W 840 G24D-1	4058075823075	10	G24d-1	110	5	600	120	4000	120	80	30 000		10	1
DULUX LED D13 EM & AC MAINS V 6W 830 G24D-1	4058075823099	13	G24d-1	148	6	600	100	3000	120	80	30 000		10	1
DULUX LED D13 EM & AC MAINS V 6W 840 G24D-1	4058075823112	13	G24d-1	148	6	660	110	4000	120	80	30 000		10	1
DULUX LED D18 EM & AC MAINS V 7W 830 G24D-2	4058075823136	18	G24d-2	148	7	700	100	3000	120	80	30 000		10	1
DULUX LED D18 EM & AC MAINS V 7W 840 G24D-2	4058075823150	18	G24d-2	148	7	770	110	4000	120	80	30 000		10	1
DULUX LED D26 EM & AC MAINS V 9W 830 G24D-3	4058075823174	26	G24d-3	171	9	990	110	3000	120	80	30 000		10	1
DULUX LED D26 EM & AC MAINS V 9W 840 G24D-3	4058075823198	26	G24d-3	171	9	1100	122	4000	120	80	30 000		10	1

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED D VT EM & AC MAINS^{1,2}

LED replacement for CFLni with 2-pin G24d base for CCG and AC mains operation



1



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Only suitable for vertical application
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G24d base
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	W _{avg}			W	lm	lm/W	K		CRI	t _h ⁴			
DULUX LED D13 VT EM & AC MAINS V 5.5W 830 G24D	4058075821811	13	G24d	103	5.5	640	116	3000	300	80	30 000		10	1
DULUX LED D13 VT EM & AC MAINS V 5.5W 840 G24D	4058075821835	13	G24d	103	5.5	700	127	4000	300	80	30 000		10	1
DULUX LED D18 VT EM & AC MAINS V 7.5W 830 G24D	4058075821859	18	G24d	117	7.5	870	116	3000	300	80	30 000		10	1
DULUX LED D18 VT EM & AC MAINS V 7.5W 840 G24D	4058075821873	18	G24d	117	7.5	950	126	4000	300	80	30 000		10	1
DULUX LED D26 VT EM & AC MAINS V 9.5W 830 G24D	4058075821897	26	G24d	125.5	9.5	1 080	113	3000	300	80	30 000		10	1
DULUX LED D26 VT EM & AC MAINS V 9.5W 840 G24D	4058075821910	26	G24d	125.5	9.5	1 200	126	4000	300	80	30 000		10	1

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED D/E HF & AC MAINS^{1,2}

VALUE CLASS

LED replacement for CFLni, with 4-pin G24q base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended four-pin plug-in G24q base
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	W _{avg}		$\frac{l}{d}$ (mm)	W	lm	lm/W	K	Δ	CRI	t _h ⁴			
DULUX LED D/E13 HF & AC MAINS V 6W 830 G24Q-1	4058075821934	13	G24q-1	142.8	6	600	100	3000	120	80	30000		10	1
DULUX LED D/E13 HF & AC MAINS V 6W 840 G24Q-1	4058075821958	13	G24q-1	142.8	6	660	110	4000	120	80	30000		10	1
DULUX LED D/E18 HF & AC MAINS V 7W 830 G24Q-2	4058075821972	18	G24q-2	142.8	7	700	100	3000	120	80	30000		10	1
DULUX LED D/E18 HF & AC MAINS V 7W 840 G24Q-2	4058075821996	18	G24q-2	142.8	7	770	110	4000	120	80	30000		10	1
DULUX LED D/E26 HF & AC MAINS V 10W 830 G24Q-3	4058075822016	26	G24q-3	169.8	10	990	99	3000	120	80	30000		10	2
DULUX LED D/E26 HF & AC MAINS V 10W 840 G24Q-3	4058075822030	26	G24q-3	169.8	10	1100	110	4000	120	80	30000		10	2

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED S EM & AC MAINS^{1,2}

LED replacement for short CFLni, with 2-pin G23 base for CCG and AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G23 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	w≈W			W	lm	lm/W	K		CRI	t _h ⁴			
DULUX LED S7 EM & AC MAINS V 3.5W 830 G23	4058075822931	7	G23	135	3.5	360	102	3000	120	80	30000		10	1
DULUX LED S7 EM & AC MAINS V 3.5W 840 G23	4058075822955	7	G23	135	3.5	400	114	4000	120	80	30000		10	1
DULUX LED S9 EM & AC MAINS V 4W 830 G23	4058075822979	9	G23	165	4	500	125	3000	120	80	30000		10	2
DULUX LED S9 EM & AC MAINS V 4W 840 G23	4058075822993	9	G23	165	4	550	137	4000	120	80	30000		10	2
DULUX LED S11 EM & AC MAINS V 6W 830 G23	4058075823013	11	G23	220	6	630	105	3000	120	80	30000		10	3
DULUX LED S11 EM & AC MAINS V 6W 840 G23	4058075823037	11	G23	220	6	700	116	4000	120	80	30000		10	3

SAFETY ADVICE

Suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



DULUX LED L HF & AC MAINS^{1,2}

LED replacement for CFLni with 4-pin 2G11 base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in 2G11 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Not suitable for operation with conventional control gear
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Offices, public buildings
- Shops
- Hotels, restaurants
- Industry

Product name	GTIN (EAN)	W _{max}	mm	l (mm)	W	lm	lm/W	K	°C	CRI	t _h ⁴	EEC ⁵	RoHS	Light No.
DULUX LED L18 HF & AC MAINS V 8W 830 2G11	4058075822054	18	2G11	229.5	8	900	112	3000	140	80	30000	EE	10	1
DULUX LED L18 HF & AC MAINS V 8W 840 2G11	4058075822078	18	2G11	229.5	8	1000	125	4000	140	80	30000	EE	10	1
DULUX LED L24 HF & AC MAINS V 12W 830 2G11	4058075822092	24	2G11	324.5	12	1350	112	3000	140	80	30000	EE	10	2
DULUX LED L24 HF & AC MAINS V 12W 840 2G11	4058075822115	24	2G11	324.5	12	1500	125	4000	140	80	30000	EE	10	2
DULUX LED L36 HF & AC MAINS V 18W 830 2G11	4058075822139	36	2G11	416.5	18	2070	115	3000	140	80	30000	EE	10	3
DULUX LED L36 HF & AC MAINS V 18W 840 2G11	4058075822153	36	2G11	416.5	18	2300	127	4000	140	80	30000	EE	10	3
DULUX LED L55 HF & AC MAINS V 25W 830 2G11	4058075822177	55	2G11	537	25	2950	118	3000	140	80	30000	EE	10	4
DULUX LED L55 HF & AC MAINS V 25W 840 2G11	4058075822191	55	2G11	537	25	3250	130	4000	140	80	30000	EE	10	4

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

Not suitable for operation with conventional control gear.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED F EM & AC MAINS^{1,2}

VALUE CLASS

LED replacement for flat CFLni with 4-pin 2G10 base for CCG and AC mains operation



1



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in 2G10 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Not suitable for operation with electronic control gear
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Offices
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	W _Δ W	mm	l (mm)	W	lm	lm/W	K	°	CRI	t _h ⁴	EEC ⁵	RoHS	Light No.
DULUX LED F18 EM & AC MAINS V 8W 830 2G10	4058075822412	18	2G10	128	8	900	112	3000	130	80	30000	EE	10	1
DULUX LED F18 EM & AC MAINS V 8W 840 2G10	4058075822436	18	2G10	128	8	1000	125	4000	130	80	30000	EE	10	1
DULUX LED F24 EM & AC MAINS V 12W 830 2G10	4058075822450	24	2G10	169.5	12	1350	112	3000	130	80	30000	EE	10	1
DULUX LED F24 EM & AC MAINS V 12W 840 2G10	4058075822474	24	2G10	169.5	12	1500	125	4000	130	80	30000	EE	10	1
DULUX LED F36 EM & AC MAINS V 20W 830 2G10	4058075822498	36	2G10	221.5	20	2250	112	3000	130	80	30000	EE	10	1
DULUX LED F36 EM & AC MAINS V 20W 840 2G10	4058075822511	36	2G10	221.5	20	2500	125	4000	130	80	30000	EE	10	1

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



DULUX LED T EM & AC MAINS^{1,2}

LED replacement for CFLni with 2-pin GX24d base for CCG and AC mains operation



1



3

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended two-pin plug-in GX24d base

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	w	W	lm	K	CRI	$\frac{l}{d}$ [mm]	\varnothing d [mm]	Δ	t _h ⁴	EEC ⁵	RoHS	Light No.	
DULUX LED T13 EM & AC MAINS V 6W 830 GX24D-1	4058075823211	13	GX24d-1	6	630	3000	80	132	38	120	30 000	EE	10	1
DULUX LED T13 EM & AC MAINS V 6W 840 GX24D-1	4058075823235	13	GX24d-1	6	700	4000	80	132	38	120	30 000	EE	10	1
DULUX LED T18 EM & AC MAINS V 7W 830 GX24D-2	4058075823259	18	GX24d-2	7	720	3000	80	132	38	120	30 000	EE	10	1
DULUX LED T18 EM & AC MAINS V 7W 840 GX24D-2	4058075823273	18	GX24d-2	7	800	4000	80	132	38	120	30 000	EE	10	1
DULUX LED T26 EM & AC MAINS V 9W 830 GX24D-3	4058075823297	26	GX24d-3	9	1000	3000	80	147	38	120	30 000	EE	10	1
DULUX LED T26 EM & AC MAINS V 9W 840 GX24D-3	4058075823310	26	GX24d-3	9	1100	4000	80	147	38	120	30 000	EE	10	1

SAFETY ADVICE

Not suitable for tandem operation. The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED T/E HF & AC MAINS^{1,2}

LED replacement for CFLni with 4-pin GX24q base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in GX24q base
- Rotatable base around its longitudinal ($\pm 90^\circ$)
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	w×w	h	l (mm)	W	lm	lm/W	K	°	CRI	t _h ⁴	5	6	7
DULUX LED T/E13 HF & AC MAINS V 6W 830 GX24Q-1	4058075822214	13	GX24q-1	102.8	6	630	105	3000	120	80	30000	10	1	
DULUX LED T/E13 HF & AC MAINS V 6W 840 GX24Q-1	4058075822238	13	GX24q-1	102.8	6	700	116	4000	120	80	30000	10	1	
DULUX LED T/E18 HF & AC MAINS V 7W 830 GX24Q-2	4058075822252	18	GX24q-2	119.8	7	720	102	3000	120	80	30000	10	2	
DULUX LED T/E18 HF & AC MAINS V 7W 840 GX24Q-2	4058075822276	18	GX24q-2	119.8	7	800	114	4000	120	80	30000	10	2	
DULUX LED T/E26 HF & AC MAINS V 10W 830 GX24Q-3	4058075822290	26	GX24q-3	139.8	10	990	99	3000	120	80	30000	10	3	
DULUX LED T/E26 HF & AC MAINS V 10W 840 GX24Q-3	4058075822313	26	GX24q-3	139.8	10	1100	110	4000	120	80	30000	10	3	
DULUX LED T/E32 HF & AC MAINS V 16W 830 GX24Q-3	4058075822337	32	GX24q-3	154.8	16	1620	101	3000	120	80	30000	10	4	
DULUX LED T/E32 HF & AC MAINS V 16W 840 GX24Q-3	4058075822351	32	GX24q-3	154.8	16	1800	112	4000	120	80	30000	10	4	
DULUX LED T/E42 HF & AC MAINS V 20W 830 GX24Q-4	4058075822375	42	GX24q-4	164.8	20	2025	101	3000	120	80	30000	10	5	
DULUX LED T/E42 HF & AC MAINS V 20W 840 GX24Q-4	4058075822399	42	GX24q-4	164.8	20	2250	112	4000	120	80	30000	10	5	

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

Not suitable for operation with conventional control gear.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



DULUX LED SQ EM & AC MAINS^{1,2}

LED replacement for CFLni with 2-pin GR8 base for CCG and AC mains operation



1



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in GR8 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45° C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	W _{max}	Base	Length (mm)	W	lm	lm/W	K	Beam angle	CRI	t _h ⁴	Energy efficiency class ⁵	Quantity	Light No.
DULUX LED SQ16 EM & AC MAINS V 7W 830 GR8	4058075822535	16	GR8	137.1	7	720	102	3000	130	80	30000	B	10	1
DULUX LED SQ16 EM & AC MAINS V 7W 835 GR8	4058075822559	16	GR8	137.1	7	720	102	3500	130	80	30000	B	10	1
DULUX LED SQ28 EM & AC MAINS V 13W 830 GR8	4058075822573	28	GR8	204	13	1350	103	3000	130	80	30000	B	10	1
DULUX LED SQ28 EM & AC MAINS V 13W 835 GR8	4058075822597	28	GR8	204	13	1350	103	3500	130	80	30000	B	10	1

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC A/B/P DIM CRI97

Dimmable LED lamps, classic bulb, mini-bulb and candle shape, with high CRI of 97 for a natural experience



Compatibility list also online:
ledvance.com/compatibility



Product name	GTIN (EAN)	W	W	lm	K	CRI	L [mm]	d [mm]	Light icon	t [h]	Energy icon	Box icon	No.	
LED Classic A 40 Filament DIM CRI97 S 4.2W 927 Clear E27 ¹	4099854065330	40	E27	4.2	470	2700	97	105	60	Clear	15 000	EE	10	1
LED Classic A 40 Filament DIM CRI97 S 4.2W 927 Frosted E27 ¹	4099854065378	40	E27	4.2	470	2700	97	105	60	Frosted	15 000	EE	10	2
LED Classic A 60 Filament DIM CRI97 S 7.2W 927 Clear E27 ¹	4099854065071	60	E27	7.2	806	2700	97	105	60	Clear	15 000	EE	10	1
LED Classic A 60 Filament DIM CRI97 S 7.2W 927 Frosted E27 ¹	4099854065231	60	E27	7.2	806	2700	97	105	60	Frosted	15 000	EE	10	2
LED Classic A 75 Filament DIM CRI97 S 9.5W 927 Clear E27 ¹	4099854065170	75	E27	9.5	1055	2700	97	105	60	Clear	15 000	EE	10	3
LED Classic A 75 Filament DIM CRI97 S 9.5W 927 Frosted E27 ¹	4099854065279	75	E27	9.5	1055	2700	97	105	60	Frosted	15 000	EE	10	2
LED Classic A 100 Filament DIM CRI97 S 13.8W 927 Clear E27 ¹	4099854065217	100	E27	13.8	1521	2700	97	110	67	Clear	15 000	EE	10	3
LED Classic A 100 Filament DIM CRI97 S 13.8W 927 Frosted E27 ¹	4099854065316	100	E27	13.8	1521	2700	97	110	67	Frosted	15 000	EE	10	2
LED Classic B 40 Filament DIM CRI97 S 4.2W 927 Clear E14 ¹	4099854065590	40	E14	4.2	470	2700	97	100	35	Clear	15 000	EE	10	1
LED Classic B 40 Filament DIM CRI97 S 4.2W 927 Frosted E14 ¹	4099854065613	40	E14	4.2	470	2700	97	100	35	Frosted	15 000	EE	10	2
LED Classic P 40 Filament DIM CRI97 S 4.2W 927 Clear E14 ¹	4099854065750	40	E14	4.2	470	2700	97	78	45	Clear	15 000	EE	10	1
LED Classic P 40 Filament DIM CRI97 S 4.2W 927 Frosted E14 ¹	4099854065828	40	E14	4.2	470	2700	97	78	45	Frosted	15 000	EE	10	2
LED Classic P 40 Filament DIM CRI97 S 4.2W 927 Clear E27 ¹	4099854077968	40	E27	4.2	470	2700	97	77	45	Clear	15 000	EE	10	3

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC A/B/P/GLOBE/EDISON & SPOT ENERGY EFFICIENCY A DIM/NON-DIM

Dimmable and non-dimmable LED lamps, classic bulb, mini-bulb, candle, ball and Edison shape, Energy Efficiency Class A



Compatibility list also online: ledvance.com/compatibility



PRODUCT FEATURES

- LED lamps for line voltage
- Luminous efficacy: up to 210 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: 500,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

DIMMABLE

Product name	GTIN (EAN)	W	W	lm	K	CRI	L (mm)	d (mm)	Light type	t (h)	Energy class	Switching cycles	No.	
LED Classic A 40 Filament DIM Energy efficiency class A S 2.2W 827 Clear E27 ¹	4099854265280	40	E27	2.2	470	2700	80	105	60	Clear	50 000	A	10	1
LED Classic A 40 Filament DIM Energy efficiency class A S 2.2W 827 Frosted E27 ¹	4099854265266	40	E27	2.2	470	2700	80	105	60	Frosted	50 000	A	10	2
LED Classic A 60 Filament DIM Energy efficiency class A S 3.8W 827 Clear E27 ¹	4099854265303	60	E27	3.8	806	2700	80	105	60	Clear	50 000	A	10	1
LED Classic A 60 Filament DIM Energy efficiency class A S 3.8W 827 Frosted E27 ¹	4099854265327	60	E27	3.8	806	2700	80	105	60	Frosted	50 000	A	10	2



NON-DIMMABLE

Product name	GTIN (EAN)	W	W	lm	K	CRI	L (mm)	d (mm)	Light type	t (h)	Energy class	Switching cycles	No.	
LED Classic A 40 Filament Energy efficiency class A S 2.2W 827 Clear E27 ¹	4099854236532	40	E27	2.2	470	2700	80	105	60	Clear	50 000	A	10	3
LED Classic A 40 Filament Energy efficiency class A S 2.2W 827 Frosted E27 ¹	4099854236556	40	E27	2.2	470	2700	80	105	60	Frosted	50 000	A	10	4
LED Classic A 40 Filament Energy efficiency class A S 2.2W 840 Clear E27 ¹	4099854259517	40	E27	2.2	470	4000	80	105	60	Clear	50 000	A	10	5
LED Classic A 40 Filament Energy efficiency class A S 2.2W 840 Frosted E27 ¹	4099854259548	40	E27	2.2	470	4000	80	105	60	Frosted	50 000	A	10	2

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Product name	GTIN (EAN)	w	W	lm	K	CRI	$\frac{l}{d}$	$\frac{d}{d}$	t _h	3	4	5	6	
LED Classic A 60 Filament Energy efficiency class A S 3.8W 827 Clear E27 ¹	4099854236570	60	E27	3.8	806	2700	80	105	60	Clear	50000		10	3
LED Classic A 60 Filament Energy efficiency class A S 3.8W 827 Frosted E27 ¹	4099854236594	60	E27	3.8	806	2700	80	105	60	Frosted	50000		10	4
LED Classic A 60 Filament Energy efficiency class A S 3.8W 840 Clear E27 ¹	4099854259586	60	E27	3.8	806	4000	80	105	60	Clear	50000		10	5
LED Classic A 60 Filament Energy efficiency class A S 3.8W 840 Frosted E27 ¹	4099854259616	60	E27	3.8	806	4000	80	105	60	Frosted	50000		10	2
LED Classic A 75 Filament Energy efficiency class A S 5W 827 Clear E27 ¹	4099854236617	75	E27	5	1055	2700	80	105	60	Clear	50000		10	3
LED Classic A 75 Filament Energy efficiency class A S 5W 827 Frosted E27 ¹	4099854236631	75	E27	5	1055	2700	80	105	60	Frosted	50000		10	4
LED Classic A 75 Filament Energy efficiency class A S 5W 840 Clear E27 ¹	4099854259654	75	E27	5	1055	4000	80	105	60	Clear	50000		10	5
LED Classic A 75 Filament Energy efficiency class A S 5W 840 Frosted E27 ¹	4099854259630	75	E27	5	1055	4000	80	105	60	Frosted	50000		10	2
LED Classic A 100 Filament Energy efficiency class A S 7.2W 827 Clear E27 ¹	4099854236655	100	E27	7.2	1521	2700	80	105	60	Clear	50000		10	3
LED Classic A 100 Filament Energy efficiency class A S 7.2W 827 Frosted E27 ¹	4099854236730	100	E27	7.2	1521	2700	80	105	60	Frosted	50000		10	4
LED Classic A 100 Filament Energy efficiency class A S 7.2W 840 Clear E27 ¹	4099854259678	100	E27	7.2	1521	4000	80	105	60	Clear	50000		10	6
LED Classic A 100 Filament Energy efficiency class A S 7.2W 840 Frosted E27 ¹	4099854259692	100	E27	7.2	1521	4000	80	105	60	Frosted	50000		10	2
LED Classic A 150 Filament Energy efficiency class A S 11.6W 827 Frosted E27 ¹	4099854282195	150	E27	11.6	2452	2700	80	124	70	Frosted	50000		10	7
LED Classic A 150 Filament Energy efficiency class A S 11.6W 840 Frosted E27 ¹	4099854282218	150	E27	11.6	2452	4000	80	124	70	Frosted	50000		10	7
LED Classic B 25 Filament Energy efficiency class A S 1.2W 827 Frosted E14 ¹	4099854282652	25	E14	1.2	255	2700	80	100	35	Frosted	50000		10	8
LED Classic B 25 Filament Energy efficiency class A S 1.2W 840 Frosted E14 ¹	4099854282638	25	E14	1.2	255	4000	80	100	35	Frosted	50000		10	8
LED Classic B 40 Filament Energy efficiency class A S 2.2W 827 Clear E14 ¹	4099854255267	40	E14	2.2	470	2700	80	100	35	Clear	50000		10	9
LED Classic B 40 Filament Energy efficiency class A S 2.2W 827 Frosted E14 ¹	4099854255281	40	E14	2.2	470	2700	80	100	35	Frosted	50000		10	8
LED Classic B 60 Filament Energy efficiency class A S 3.8W 827 Clear E14 ¹	4099854255304	60	E14	3.8	806	2700	80	100	35	Clear	50000		10	9
LED Classic B 60 Filament Energy efficiency class A S 3.8W 827 Frosted E14 ¹	4099854255328	60	E14	3.8	806	2700	80	100	35	Frosted	50000		10	8
LED Classic P 25 Filament Energy efficiency class A S 1.2W 827 Frosted E27 ¹	4099854281990	25	E27	1.2	255	2700	80	80	45	Frosted	50000		10	10
LED Classic P 25 Filament Energy efficiency class A S 1.2W 827 Frosted E14 ¹	4099854282157	25	E14	1.2	255	2700	80	80	45	Frosted	50000		10	11
LED Classic P 25 Filament Energy efficiency class A S 1.2W 840 Frosted E27 ¹	4099854282010	25	E27	1.2	255	4000	80	80	45	Frosted	50000		10	10
LED Classic P 25 Filament Energy efficiency class A S 1.2W 840 Frosted E14 ¹	4099854282171	25	E14	1.2	255	4000	80	80	45	Frosted	50000		10	11
LED Classic P 40 Filament Energy efficiency class A S 2.2W 827 Clear E14 ¹	4099854255373	40	E14	2.2	470	2700	80	88	45	Clear	50000		10	12
LED Classic P 40 Filament Energy efficiency class A S 2.2W 827 Frosted E14 ¹	4099854255458	40	E14	2.2	470	2700	80	80	45	Frosted	50000		10	11
LED Classic P 60 Filament Energy efficiency class A S 3.8W 827 Clear E14 ¹	4099854255397	60	E14	3.8	806	2700	80	88	45	Clear	50000		10	12
LED Classic P 60 Filament Energy efficiency class A S 3.8W 827 Frosted E14 ¹	4099854255519	60	E14	3.8	806	2700	80	80	45	Frosted	50000		10	11
LED Classic Globe 95 60 Filament Energy efficiency class A S 3.8W 827 Clear E27 ¹	4099854236990	60	E27	3.8	806	2700	80	135	95	Clear	50000		10	13
LED Classic Globe 95 60 Filament Energy efficiency class A S 3.8W 827 Frosted E27 ¹	4099854237010	60	E27	3.8	806	2700	80	135	95	Frosted	50000		10	14
LED Classic Globe125 100 Filament Energy efficiency class A S 7.2W 827 Frosted E27 ¹	4099854280214	100	E27	7.2	1521	2700	80	168	125	Frosted	50000		10	14
LED Classic Globe125 100 Filament Energy efficiency class A S 7.2W 840 Frosted E27 ¹	4099854280290	100	E27	7.2	1521	4000	80	168	125	Frosted	50000		10	14
LED Classic Globe125 100 Filament Energy efficiency class A S 7.2W 865 Frosted E27 ¹	4099854280313	100	E27	7.2	1521	6500	80	168	125	Frosted	50000		10	14
LED Classic Globe125 150 Filament Energy efficiency class A S 11.6W 840 Frosted E27 ¹	4099854280337	150	E27	11.6	2452	4000	80	168	125	Frosted	50000		10	14
LED Classic Edison 60 Filament Energy efficiency class A S 3.8W 827 Clear E27 ¹	4099854237034	60	E27	3.8	806	2700	80	143	64	Clear	50000		10	15
LED PAR16 50 36° Energy efficiency class A S 2W 827 GU10 ¹	4099854245251	50	GU10	2	360	2700	80	54	50	-	50000		10	16
LED PAR16 50 36° Energy efficiency class A S 2W 840 GU10 ¹	4099854245275	50	GU10	2	360	4000	80	54	50	-	50000		10	16

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS



LED CLASSIC ENERGY EFFICIENCY B/C DIM

Dimmable LED lamps, classic bulb, mini-bulb and candle shape
Energy Efficiency Class B & C



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED lamps for line voltage
- Very high efficiency of up to 185 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: 500,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	w _W	W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]	Light bulb icon	t _h ³	Energy efficiency class icon ⁴	Box icon	No.	
LED Classic A 75 Filament DIM Energy efficiency class B S 5.7W 827 Clear E27 ¹	4099854252549	75	E27	5.7	1055	2700	80	105	60	Clear	50 000	B	10	1
LED Classic A 75 Filament DIM Energy efficiency class B S 5.7W 827 Frosted E27 ¹	4099854252563	75	E27	5.7	1055	2700	80	105	60	Frosted	50 000	B	10	2
LED Classic A 100 Filament DIM Energy efficiency class B S 8.2W 827 Clear E27 ¹	4099854252587	100	E27	8.2	1521	2700	80	105	60	Clear	50 000	B	10	1
LED Classic A 100 Filament DIM Energy efficiency class B S 8.2W 827 Frosted E27 ¹	4099854252600	100	E27	8.2	1521	2700	80	105	60	Frosted	50 000	B	10	2
LED Classic B 40 Filament DIM Energy efficiency class C S 2.9W 827 Clear E14 ¹	4099854253300	40	E14	2.9	470	2700	80	100	35	Clear	50 000	B	10	3
LED Classic B 40 Filament DIM Energy efficiency class C S 2.9W 827 Frosted E14 ¹	4099854253324	40	E14	2.9	470	2700	80	100	35	Frosted	50 000	B	10	4
LED Classic P 40 Filament DIM Energy efficiency class C S 2.9W 827 Clear E14 ¹	4099854253348	40	E14	2.9	470	2700	80	77	45	Clear	50 000	B	10	5
LED Classic P 40 Filament DIM Energy efficiency class C S 2.9W 827 Frosted E14 ¹	4099854253362	40	E14	2.9	470	2700	80	77	45	Frosted	50 000	B	10	6

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC A DIM/NON-DIM

Dimmable and non-dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

























Product name	GTIN (EAN)	W	W	lm	K	CRI	l (mm)	d (mm)	Light bulb icon	t (h)	Energy efficiency class	Energy efficiency class	Energy efficiency class	Energy efficiency class
LED Classic A 40 Filament DIM P 4.8W 827 Clear E27 ¹	4099854067396	40	E27	4.8	470	2700	80	105	60	Clear	15 000	E	10	1
LED Classic A 40 Filament DIM P 4.8W 827 Frosted E27 ¹	4099854067433	40	E27	4.8	470	2700	80	105	60	Frosted	15 000	E	10	2
LED Classic A 60 Filament DIM P 7W 827 Clear E27 ¹	4099854054396	60	E27	7	806	2700	80	106	60	Clear	15 000	E	10	1
LED Classic A 60 Filament DIM P 7W 827 Frosted E27 ¹	4099854054433	60	E27	7	806	2700	80	106	60	Frosted	15 000	E	10	2
LED Classic A 60 Filament DIM P 7W 827 Clear B22d ¹	4099854054372	60	B22d	7	806	2700	80	104	60	Clear	15 000	E	10	3
LED Classic A 60 Filament DIM P 7W 827 Frosted B22d ¹	4099854054334	60	B22d	7	806	2700	80	104	60	Frosted	15 000	E	10	4
LED Classic A 60 Filament DIM P 7W 840 Frosted E27 ¹	4099854054297	60	E27	7	806	4000	80	106	60	Frosted	15 000	E	10	2
LED Classic A 75 Filament DIM P 7.5W 827 Clear E27 ¹	4099854060915	75	E27	7.5	1055	2700	80	105	60	Clear	15 000	E	10	1
LED Classic A 75 Filament DIM P 7.5W 827 Frosted E27 ¹	4099854060977	75	E27	7.5	1055	2700	80	105	60	Frosted	15 000	E	10	2
LED Classic A 75 Filament DIM P 7.5W 840 Frosted E27 ¹	4099854060854	75	E27	7.5	1055	4000	80	105	60	Frosted	15 000	E	10	2
LED Classic A 100 Filament DIM P 11W 827 Clear E27 ¹	4099854060595	100	E27	11	1521	2700	80	105	60	Clear	15 000	E	10	5
LED Classic A 100 Filament DIM P 11W 827 Frosted E27 ¹	4099854060656	100	E27	11	1521	2700	80	105	60	Frosted	15 000	E	10	2
LED Classic A 150 Filament DIM P 18W 827 Frosted E27 ¹	4099854067457	150	E27	18	2452	2700	80	128	70	Frosted	15 000	E	10	6



NON-DIMMABLE

Product name	GTIN (EAN)	W	W	lm	K	CRI	l (mm)	d (mm)	Light bulb icon	t (h)	Energy efficiency class	Energy efficiency class	Energy efficiency class	Energy efficiency class
LED Classic A 40 Filament P 4W 827 Clear E27 ¹	4099854069697	40	E27	4	470	2700	80	105	60	Clear	15 000	E	10	1
LED Classic A 40 Filament P 4W 827 Frosted E27 ¹	4099854069659	40	E27	4	470	2700	80	105	60	Frosted	15 000	E	10	2
LED Classic A 40 Filament P 4W 827 Clear B22d ¹	4099854069758	40	B22d	4	470	2700	80	104	60	Clear	15 000	E	10	3
LED Classic A 40 Filament P 4W 827 Frosted B22d ¹	4099854069734	40	B22d	4	470	2700	80	104	60	Frosted	15 000	E	10	4
LED Classic A 40 Filament P 4W 840 Clear E27 ¹	4099854069673	40	E27	4	470	4000	80	105	60	Clear	15 000	E	10	1
LED Classic A 40 Filament P 4W 840 Frosted E27 ¹	4099854069710	40	E27	4	470	4000	80	105	60	Frosted	15 000	E	10	2
LED Classic A 60 Filament P 6.5W 827 Clear E27 ¹	4099854062582	60	E27	6.5	806	2700	80	105	60	Clear	15 000	E	10	1
LED Classic A 60 Filament P 6.5W 827 Frosted E27 ¹	4099854062421	60	E27	6.5	806	2700	80	105	60	Frosted	15 000	E	10	2
LED Classic A 60 Filament P 6.5W 827 Clear B22d ¹	4099854063060	60	B22d	6.5	806	2700	80	104	60	Clear	15 000	E	10	3
LED Classic A 60 Filament P 6.5W 827 Frosted B22d ¹	4099854062704	60	B22d	6.5	806	2700	80	104	60	Frosted	15 000	E	10	4
LED Classic A 60 Filament P 6.5W 840 Clear E27 ¹	4099854062667	60	E27	6.5	806	4000	80	105	60	Clear	15 000	E	10	1
LED Classic A 60 Filament P 6.5W 840 Frosted E27 ¹	4099854062469	60	E27	6.5	806	4000	80	105	60	Frosted	15 000	E	10	2

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Product name	GTIN (EAN)													
LED Classic A 75 Filament P 7.5W 827 Clear E27 ¹	4099854062186	75	E27	7.5	1055	2700	80	105	60	Clear	15000		10	1
LED Classic A 75 Filament P 7.5W 827 Frosted E27 ¹	4099854062049	75	E27	7.5	1055	2700	80	105	60	Frosted	15000		10	2
LED Classic A 75 Filament P 7.5W 840 Clear E27 ¹	4099854062988	75	E27	7.5	1055	4000	80	105	60	Clear	15000		10	1
LED Classic A 75 Filament P 7.5W 840 Frosted E27 ¹	4099854062025	75	E27	7.5	1055	4000	80	105	60	Frosted	15000		10	2
LED Classic A 100 Filament P 11W 827 Clear E27 ¹	4099854069819	100	E27	11	1521	2700	80	105	60	Clear	15000		10	5
LED Classic A 100 Filament P 11W 827 Frosted E27 ¹	4099854069796	100	E27	11	1521	2700	80	105	60	Frosted	15000		10	2
LED Classic A 100 Filament P 11W 840 Clear E27 ¹	4099854069772	100	E27	11	1521	4000	80	105	60	Clear	15000		10	5
LED Classic A 150 Filament P 17W 827 Frosted E27 ¹	4099854069833	150	E27	17	2452	2700	80	118	70	Frosted	15000		10	7
LED Classic A 150 Filament P 17W 840 Frosted E27 ¹	4099854069857	150	E27	17	2452	4000	80	118	70	Frosted	15000		10	7
LED Classic A 200 Filament P 24W 827 Frosted E27 ¹	4099854069895	200	E27	24	3452	2700	80	162	95	Frosted	15000		4	7
LED Classic A 200 Filament P 24W 840 Frosted E27 ¹	4099854069918	200	E27	24	3452	4000	80	162	95	Frosted	15000		4	7

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS



LED CLASSIC B/BA/BW DIM/NON-DIM

Dimmable and non-dimmable LED lamps, classic candle shape



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	w&w	E	W	lm	K	CRI	L (mm)	d (mm)	Light bulb icon	t[h]	Energy efficiency class	Energy efficiency class	Light bulb icon
LED Classic B 40 Filament DIM P 4.8W 827 Clear E14 ¹	4099854067532	40	E14	4.8	470	2700	80	97	35	Clear	15000	F	10	1
LED Classic B 40 Filament DIM P 4.8W 827 Frosted E14 ¹	4099854067556	40	E14	4.8	470	2700	80	97	35	Frosted	15000	F	10	2
LED Classic B 40 Filament DIM P 4.8W 827 Clear E27 ¹	4099854067495	40	E27	4.8	470	2700	80	95	35	Clear	15000	F	10	3
LED Classic B 40 Filament DIM P 4.8W 827 Frosted B22d ¹	4099854067518	40	B22d	4.8	470	2700	80	94	35	Frosted	15000	F	10	4
LED Classic B 60 Filament DIM P 5.9W 827 Frosted E14 ¹	4099854253386	60	E14	5.9	806	2700	80	100	35	Frosted	15000	D	10	2



NON-DIMMABLE

Product name	GTIN (EAN)	w&w	E	W	lm	K	CRI	L (mm)	d (mm)	Light bulb icon	t[h]	Energy efficiency class	Energy efficiency class	Light bulb icon
LED Classic B 25 Filament P 2.5W 827 Clear E14 ¹	4099854069451	25	E14	2.5	250	2700	80	100	35	Clear	15000	F	10	5
LED Classic B 25 Filament P 2.5W 827 Frosted E14 ¹	4099854069437	25	E14	2.5	250	2700	80	100	35	Frosted	15000	F	10	2
LED Classic B 25 Filament P 2.5W 827 Clear B22d ¹	4099854069376	25	B22d	2.5	250	2700	80	91	35	Clear	15000	F	10	6
LED Classic B 40 Filament P 4W 827 Clear E14 ¹	4099854069413	40	E14	4	470	2700	80	100	35	Clear	15000	F	10	1
LED Classic B 40 Filament P 4W 827 Frosted E14 ¹	4099854069390	40	E14	4	470	2700	80	100	35	Frosted	15000	F	10	2
LED Classic B 40 Filament P 4W 827 Clear E27 ¹	4099854069277	40	E27	4	470	2700	80	92	35	Clear	15000	F	10	7
LED Classic B 40 Filament P 4W 827 Clear B22d ¹	4099854069314	40	B22d	4	470	2700	80	91	35	Clear	15000	F	10	8
LED Classic B 40 Filament P 4W 827 Frosted B22d ¹	4099854069338	40	B22d	4	470	2700	80	91	35	Frosted	15000	F	10	4
LED Classic B 40 Filament P 4W 840 Clear E14 ¹	4099854069291	40	E14	4	470	4000	80	100	35	Clear	15000	F	10	1
LED Classic B 60 Filament P 5.5W 827 Clear E14 ¹	4099854062308	60	E14	5.5	806	2700	80	100	35	Clear	15000	D	10	1
LED Classic B 60 Filament P 5.5W 827 Frosted E14 ¹	4099854062346	60	E14	5.5	806	2700	80	100	35	Frosted	15000	D	10	2
LED Classic BA 40 Filament P 4W 827 Clear E14 ¹	4099854069475	40	E14	4	470	2700	80	121	35	Clear	15000	F	10	9
LED Classic BW 40 Filament P 4W 827 Clear E14 ¹	4099854069352	40	E14	4	470	2700	80	100	35	Clear	15000	F	10	10

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC P DIM/NON-DIM

Dimmable and non-dimmable LED lamps, mini-ball shape



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	W _{LED}	W	lm	K	CRI	l (mm)	Ø d (mm)	Light icon	t _h ³	Energy icon ⁴	Light No.	
LED Classic P 25 Filament DIM P 2.8W 827 Frosted E14 ¹	4099854067662	25	E14	2.8	250	2700	80	78	45	Frosted	15 000	10	1
LED Classic P 25 Filament DIM P 2.8W 827 Frosted E27 ¹	4099854067631	25	E27	2.8	250	2700	80	77	45	Frosted	15 000	10	2
LED Classic P 40 Filament DIM P 4.8W 827 Clear E14 ¹	4099854067686	40	E14	4.8	470	2700	80	78	45	Clear	15 000	10	3
LED Classic P 40 Filament DIM P 4.8W 827 Frosted E14 ¹	4099854067709	40	E14	4.8	470	2700	80	78	45	Frosted	15 000	10	1
LED Classic P 40 Filament DIM P 4.8W 827 Clear E27 ¹	4099854067570	40	E27	4.8	470	2700	80	77	45	Clear	15 000	10	4
LED Classic P 40 Filament DIM P 4.8W 827 Frosted E27 ¹	4099854067594	40	E27	4.8	470	2700	80	77	45	Frosted	15 000	10	2
LED Classic P 40 Filament DIM P 4.8W 827 Frosted B22d ¹	4099854067617	40	B22d	4.8	470	2700	80	76	45	Frosted	15 000	10	5
LED Classic P 60 Filament DIM P 5.9W 827 Frosted E14 ¹	4099854253409	60	E14	5.9	806	2700	80	77	45	Frosted	15 000	10	1



NON-DIMMABLE

Product name	GTIN (EAN)	W _{LED}	W	lm	K	CRI	l (mm)	Ø d (mm)	Light icon	t _h ³	Energy icon ⁴	Light No.	
LED Classic P 15 Filament P 1.5W 827 Clear E27 ¹	4099854069253	15	E27	1.5	136	2700	80	77	45	Clear	15 000	10	6
LED Classic P 25 Filament P 2.5W 827 Clear E14 ¹	4099854069215	25	E14	2.5	250	2700	80	77	45	Clear	15 000	10	7
LED Classic P 25 Filament P 2.5W 827 Frosted E14 ¹	4099854069239	25	E14	2.5	250	2700	80	77	45	Frosted	15 000	10	1
LED Classic P 25 Filament P 2.5W 827 Clear E27 ¹	4099854069192	25	E27	2.5	250	2700	80	77	45	Clear	15 000	10	6
LED Classic P 25 Filament P 2.5W 827 Frosted E27 ¹	4099854069123	25	E27	2.5	250	2700	80	77	45	Frosted	15 000	10	2
LED Classic P 40 Filament P 4W 827 Clear E14 ¹	4099854069178	40	E14	4	470	2700	80	77	45	Clear	15 000	10	8
LED Classic P 40 Filament P 4W 827 Frosted E14 ¹	4099854069154	40	E14	4	470	2700	80	77	45	Frosted	15 000	10	1
LED Classic P 40 Filament P 4W 827 Frosted E27 ¹	4099854069086	40	E27	4	470	2700	80	77	45	Frosted	15 000	10	2
LED Classic P 40 Filament P 4W 827 Frosted B22d ¹	4099854069109	40	B22d	4	470	2700	80	76	45	Frosted	15 000	10	5
LED Classic P 60 Filament P 5.5W 827 Clear E14 ¹	4099854062223	60	E14	5.5	806	2700	80	77	45	Clear	15 000	10	3
LED Classic P 60 Filament P 5.5W 827 Frosted E14 ¹	4099854062261	60	E14	5.5	806	2700	80	77	45	Frosted	15 000	10	1
LED Classic P 60 Filament P 5.5W 827 Clear E27 ¹	4099854062209	60	E27	5.5	806	2700	80	77	45	Clear	15 000	10	9

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC GLOBE/EDISON DIM/NON-DIM

Dimmable and non-dimmable LED lamps, classic ball and Edison bulb shape



Compatibility list also online:
[ledvance.com/compatibility](https://www.ledvance.com/compatibility)



DIMMABLE

Product name	GTIN (EAN)	W _{avg}	W	lm	K	CRI	l (mm)	ø d (mm)	Light bulb icon	t(h) ³	EE ⁴	Energy efficiency icon	No.	LEDVANCE logo	
LED Classic Globe 95 75 Filament DIM P 7.5W 827 Frosted E27 ¹	4099854060717	75	E27	7.5	1055	2700	80	135	95	Frosted	15 000	EE	6	1	5 year guarantee
LED Classic Globe 95 100 Filament DIM P 11W 827 Frosted E27 ¹	4099854060793	100	E27	11	1521	2700	80	135	95	Frosted	15 000	EE	6	1	5 year guarantee



NON-DIMMABLE

Product name	GTIN (EAN)	W _{avg}	W	lm	K	CRI	l (mm)	ø d (mm)	Light bulb icon	t(h) ³	EE ⁴	Energy efficiency icon	No.	LEDVANCE logo	
LED Classic Globe 95 60 Filament P 6.5W 827 Frosted E27 ¹	4099854062384	60	E27	6.5	806	2700	80	135	95	Frosted	15 000	EE	6	4	4 year guarantee
LED Classic Globe 95 100 Filament P 11W 827 Frosted E27 ¹	4099854062865	100	E27	11	1521	2700	80	135	95	Frosted	15 000	EE	6	4	4 year guarantee
LED Classic Globe 125 25 Filament P 2.5W 827 Clear E27 ¹	4099854054259	25	E27	2.5	250	2700	80	178	125	Clear	15 000	EE	10	2	4 year guarantee
LED Classic Globe 125 40 Filament P 4W 827 Clear E27 ¹	4099854054198	40	E27	4	470	2700	80	178	125	Clear	15 000	EE	10	3	4 year guarantee
LED Classic Globe 125 60 Filament P 7W 827 Clear E27 ¹	4099854054761	60	E27	7	806	2700	80	178	125	Clear	15 000	EE	10	2	4 year guarantee
LED Classic Edison 40 Filament P 4W 827 Clear E27 ¹	4099854070013	40	E27	4	470	2700	80	143	64	Clear	15 000	EE	10	5	4 year guarantee
LED Classic Edison 40 Filament P 4W 827 Frosted E27 ¹	4099854069994	40	E27	4	470	2700	80	143	64	Frosted	15 000	EE	10	6	4 year guarantee
LED Classic Edison 55 Filament P 6.5W 827 Frosted E27 ¹	4099854062803	55	E27	6.5	730	2700	80	143	64	Frosted	15 000	EE	10	6	4 year guarantee

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A/B/P

LED lamps, classic bulb, mini-candle and mini-ball shape, filament and heatsink type



Product name	GTIN (EAN)	w/w	W	lm	K	CRI	l [mm]	d [mm]	Light	t[h]	Energy efficiency class	Energy efficiency class	Energy efficiency class	No.
LED Classic A 40 Filament V 4W 827 Clear E27 ¹	4099854068980	40	E27	4	470	2700	≥80	105	60	Clear	10000	E	10	1
LED Classic A 60 Filament V 6.5W 827 Clear E27 ¹	4099854062520	60	E27	6.5	806	2700	≥80	105	60	Clear	10000	E	10	2
LED Classic A 60 Filament V 6.5W 840 Clear E27 ¹	4099854062629	60	E27	6.5	806	4000	≥80	105	60	Clear	10000	E	10	2
LED Classic A 75 Filament V 7.5W 827 Clear E27 ¹	4099854062100	75	E27	7.5	1055	2700	≥80	105	60	Clear	10000	D	10	2
LED Classic A 75 Filament V 7.5W 840 Clear E27 ¹	4099854062902	75	E27	7.5	1055	4000	≥80	105	60	Clear	10000	D	10	2
LED Classic A 100 Filament V 11W 827 Clear E27 ¹	4099854069062	100	E27	11	1521	2700	≥80	105	60	Clear	10000	D	10	3
LED Classic A 100 Filament V 11W 840 Clear E27 ¹	4099854069048	100	E27	11	1521	4000	≥80	105	60	Clear	10000	D	10	3
LED Classic A 40 V 4.9W 827 Frosted E27 ¹	4099854049484	40	E27	4.9	470	2700	≥80	107	60	Frosted	10000	F	10	4
LED Classic A 40 V 4.9W 840 Frosted E27 ¹	4099854049583	40	E27	4.9	470	4000	≥80	107	60	Frosted	10000	F	10	4
LED Classic A 40 V 4.9W 865 Frosted E27 ¹	4099854049606	40	E27	4.9	470	6500	≥80	107	60	Frosted	10000	F	10	4
LED Classic A 60 V 8.5W 827 Frosted E27 ¹	4099854049620	60	E27	8	806	2700	≥80	107	60	Frosted	10000	F	10	4
LED Classic A 60 V 8.5W 840 Frosted E27 ¹	4099854049187	60	E27	8	806	4000	≥80	107	60	Frosted	10000	F	10	4
LED Classic A 60 V 8.5W 865 Frosted E27 ¹	4099854049200	60	E27	8	806	6500	≥80	107	60	Frosted	10000	F	10	4
LED Classic A 75 V 10W 827 Frosted E27 ¹	4099854048807	75	E27	10	1055	2700	≥80	113	60	Frosted	10000	F	10	5
LED Classic A 75 V 10W 840 Frosted E27 ¹	4099854048883	75	E27	10	1055	4000	≥80	113	60	Frosted	10000	F	10	5
LED Classic A 75 V 10W 865 Frosted E27 ¹	4099854151002	75	E27	10	1055	6500	≥80	113	60	Frosted	10000	F	10	5
LED Classic A 100 V 13W 827 Frosted E27 ¹	4099854048906	100	E27	13	1521	2700	≥80	118	60	Frosted	10000	E	10	5
LED Classic A 100 V 13W 840 Frosted E27 ¹	4099854049002	100	E27	13	1521	4000	≥80	118	60	Frosted	10000	E	10	5
LED Classic A 100 V 13W 865 Frosted E27 ¹	4099854049026	100	E27	13	1521	6500	≥80	118	60	Frosted	10000	E	10	5
LED Classic B 40 Filament V 4W 827 Clear E14 ¹	4099854069871	40	E14	4	470	2700	≥80	100	35	Clear	10000	E	10	6
LED Classic B 40 V 4.9W 827 Frosted E14 ¹	4099854049323	40	E14	4.9	470	2700	≥80	96	37	Frosted	10000	F	10	7
LED Classic B 40 V 4.9W 840 Frosted E14 ¹	4099854049347	40	E14	4.9	470	4000	≥80	96	37	Frosted	10000	F	10	7
LED Classic B 40 V 4.9W 865 Frosted E14 ¹	4099854049361	40	E14	4.9	470	6500	≥80	96	37	Frosted	10000	F	10	7
LED Classic B 60 V 7.5W 827 Frosted E14 ¹	4099854049262	60	E14	7.5	806	2700	≥80	115	39	Frosted	10000	F	10	7
LED Classic P 40 Filament V 4W 827 Clear E14 ¹	4099854069024	40	E14	4	470	2700	≥80	77	45	Clear	10000	E	10	8
LED Classic P 40 V 4.9W 827 Frosted E14 ¹	4099854049408	40	E14	4.9	470	2700	≥80	79	45	Frosted	10000	F	10	9
LED Classic P 40 V 4.9W 840 Frosted E14 ¹	4099854049422	40	E14	4.9	470	4000	≥80	79	45	Frosted	10000	F	10	9
LED Classic P 40 V 4.9W 865 Frosted E14 ¹	4099854049446	40	E14	4.9	470	6500	≥80	79	45	Frosted	10000	F	10	9
LED Classic P 60 V 7.5W 827 Frosted E14 ¹	4099854049224	60	E14	6.5	806	2700	≥80	89	47	Frosted	10000	E	10	10

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED FLAT LAMP

Ultra-compact design lamp



1



PRODUCT FEATURES

- Two versions are offered: Non-Dim and 3 Step-Dim
- Flat-shaped diffuser with E27 base
- Two rings (black and white) are included for customization, allowing for different luminaire colours
- Lifetime: up to 25,000 h
- The 3-step-dim version offers easy dimmability through a wall switch

PRODUCT BENEFITS

- Ultra-compact design lamp without bulb-shaped diffuser
- The lamp's shape highlights the beauty of the luminaire used
- The special design offers comfortable light distribution
- Lower energy consumption than incandescent or halogen lamps

AREAS OF APPLICATION

- Perfect for decorative installations
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{max}	Base	W	lm	K	CRI	$\frac{l}{d}$ (mm)	\varnothing d (mm)	Light type	t _h ³	Energy efficiency class ⁴	Quantity	No.
LED STAR FLAT 26 3.5W 827 Frosted E27 3 Step DIM ¹	4058075840027	26	E27	3.5	270	2700	80	45	35	Frosted	25 000	E	6	1
LED STAR FLAT 26 3.5W 840 Frosted E27 3 Step DIM ¹	4058075840058	26	E27	3.5	270	4000	80	45	35	Frosted	25 000	E	6	1
LED STAR FLAT 28 3.5W 827 Frosted E27 Non-DIM ¹	4058075839960	28	E27	3.5	300	2700	80	45	35	Frosted	25 000	F	6	1
LED STAR FLAT 28 3.5W 840 Frosted E27 Non-DIM ¹	4058075839991	28	E27	3.5	300	4000	80	45	35	Frosted	25 000	F	6	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DECOR FLAT LAMP IN METAL HOUSING

Flat lamp in Metal Housing



PRODUCT FEATURES

- The flat lamp is installed in the metal housing for design purposes
- Metal housing has two versions: Globe and Square
- Two different colours are offered for the lamp housing: Gold and Black
- Lifetime: up to 25,000 h
- The flat lamp can be detached from the housing

PRODUCT BENEFITS

- The integrated lamp delivers a modern and luxurious atmosphere
- Ultra-compact design lamp without bulb-shaped diffuser
- The special design offers comfortable light distribution
- Type of protection: IP20, Ideal for indoor use
- Lower energy consumption than incandescent or halogen lamps

AREAS OF APPLICATION

- Perfect for decorative installations
- Luxurious living areas

Product name	GTIN (EAN)	W	W	lm	K	CRI	L [mm]	d [mm]	Light bulb icon	t [h]	Energy efficiency icon	Energy efficiency icon	Energy efficiency icon	No.
DECOR LED FLAT GLOBE 125 BLACK 3.5W 827 Frosted E27 Non-DIM ¹	4058075840126	28	E27	300	2700	80	150	125	Frosted	25 000	Energy efficiency icon	Energy efficiency icon	Energy efficiency icon	4
DECOR LED FLAT SQUARE 100 BLACK 3.5W 827 Frosted E27 Non-DIM ¹	4058075840140	28	E27	300	2700	80	162	100	Frosted	25 000	Energy efficiency icon	Energy efficiency icon	Energy efficiency icon	2
DECOR LED FLAT GLOBE 125 GOLD 3.5W 827 Frosted E27 Non-DIM ¹	4058075840089	28	E27	300	2700	80	150	125	Frosted	25 000	Energy efficiency icon	Energy efficiency icon	Energy efficiency icon	3
DECOR LED FLAT SQUARE 100 GOLD 3.5W 827 Frosted E27 Non-DIM ¹	4058075840102	28	E27	300	2700	80	162	100	Frosted	25 000	Energy efficiency icon	Energy efficiency icon	Energy efficiency icon	4

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DECOR STRAW FILAMENT LAMP IN METAL HOUSING

Straw filament lamp in Metal Housing



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- The integrated lamp features a unique straw-shaped design
- Metal housing has two versions: Globe and Square
- Two different colours are offered for the lamp housing: Gold and Black
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime: up to 25,000 h

PRODUCT BENEFITS

- The integrated lamp delivers a modern and luxurious atmosphere
- The special design offers comfortable light distribution
- Type of protection: IP20, Ideal for indoor use

AREAS OF APPLICATION

- Perfect for decorative installations
- Luxurious living areas

Product name	GTIN (EAN)	W _{LED}	W	lm	K	CRI	$\frac{l}{d}$ (mm)	ϕ d (mm)	Light bulb icon	t _h ³	Light bulb icon	Light bulb icon	No.	
DECOR LED STRAW FILAMENT GLOBE 125 12 BLACK DIM 3.5W 818 E27 ¹	4058075840249	12	E27	3.5	110	1800	80	150	125	Clear	25 000	–	4	1
DECOR LED STRAW FILAMENT SQUARE 100 BLACK DIM 3.5W 818 E27 ¹	4058075840263	12	E27	3.5	110	1800	80	162	100	Clear	25 000	–	4	2
DECOR LED STRAW FILAMENT GLOBE 125 16 GOLD DIM 3.5W 818 E27 ¹	4058075840164	16	E27	3.5	150	1800	80	150	125	Clear	25 000	–	4	3
DECOR LED STRAW FILAMENT SQUARE 100 16 GOLD DIM 3.5W 818 E27 ¹	4058075840188	16	E27	3.5	150	1800	80	162	100	Clear	25 000	–	4	4

NOTE

These products are exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50

DECOR SPIRAL FILAMENT LAMP IN METAL HOUSING

Spiral filament lamp in Metal Housing



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- The integrated lamp features a unique spiral-shaped design
- Metal housing has two versions: Globe and Square
- Two different colours are offered for the lamp housing: Gold and Black
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime: up to 25,000 h

PRODUCT BENEFITS

- The integrated lamp delivers a modern and luxurious atmosphere
- The special design offers comfortable light distribution
- Type of protection: IP20, Ideal for indoor use

AREAS OF APPLICATION

- Perfect for decorative installations
- Luxurious living areas

Product name	GTIN (EAN)	W _{LED}	W	lm	K	CRI	l [mm]	∅ d [mm]	Light	t _h ³	Icons	No.		
DECOR LED SPIRAL FILAMENT GLOBE 125 14 BLACK DIM 3.5W 818 E27 ¹	4058075840287	14	E27	3.5	130	1800	80	150	125	Clear	25 000	–	4	1
DECOR LED SPIRAL FILAMENT SQUARE 100 BLACK DIM 3.5W 818 E27 ¹	4058075840300	14	E27	3.5	130	1800	80	162	100	Clear	25 000	–	4	2
DECOR LED SPIRAL FILAMENT GLOBE 125 18 GOLD DIM 3.5W 818 E27 ¹	4058075840201	18	E27	3.5	170	1800	80	150	125	Clear	25 000	–	4	3
DECOR LED SPIRAL FILAMENT SQUARE 100 18 GOLD DIM 3.5W 818 E27 ¹	4058075840225	18	E27	3.5	170	1800	80	162	100	Clear	25 000	–	4	4

NOTE

These products are exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50

Vintage 1906® LED CLASSIC A/B/P/GLOBE/EDISON SLIM FILAMENT DIM

Dimmable LED lamps, vintage edition with slim filament-style LED technology



Compatibility list also online:
ledvance.com/compatibility



DIM

230V

LEDVANCE
3
year
guarantee

Product name	GTIN (EAN)	W _{LED}	W	lm	K	CRI	L (mm)	Ø d (mm)	Light bulb icon	t ₉₀ ³	Energy efficiency icon ⁴	Energy efficiency No.	Light bulb icon	Light bulb No.
Vintage 1906 Classic A 40 Filament DIM 4.8W 827 Clear E27 ¹	4099854075643	40	E27	4.8	470	2700	80	105	60	Clear	15000		6	1
Vintage 1906 Classic A 40 Spiral Filament DIM 4.6W 922 Clear E27 ¹	4058075836587	40	E27	4.6	470	2200	90	110	60	Clear	15000		6	2
Vintage 1906 Classic A 60 Spiral Filament DIM 8W 922 Clear E27 ¹	4058075836624	60	E27	8	806	2200	90	110	60	Clear	15000		6	3
Vintage 1906 Classic B 40 Filament DIM 4.8W 827 Clear E14 ¹	4099854075728	40	E14	4.8	470	2700	80	97	35	Clear	15000		6	4
Vintage 1906 Classic B 28 Spiral Filament DIM 3.1W 927 Clear E14 ¹	4058075836709	28	E14	3.1	300	2700	90	98	35	Clear	15000		6	5
Vintage 1906 Classic P 40 Filament DIM 4.8W 827 Clear E14 ¹	4099854075742	40	E14	4.8	470	2700	80	78	45	Clear	15000		6	6
Vintage 1906 Classic P 40 Spiral Filament DIM 4.6W 927 Clear E14 ¹	4058075836747	40	E14	4.6	470	2700	90	80	45	Clear	15000		6	7
Vintage 1906 Globe 80 40 Filament DIM 4.8W 827 Clear E27 ¹	4099854075704	40	E27	4.8	470	2700	80	120	80	Clear	15000		4	8
Vintage 1906 Globe 80 40 Spiral Filament DIM 4.6W 927 Clear E27 ¹	4058075836785	40	E27	4.6	470	2700	90	123	80	Clear	15000		4	9
Vintage 1906 Globe 80 60 Spiral Filament DIM 7.2W 927 Clear E27 ¹	4058075836808	60	E27	7.2	806	2700	90	123	80	Clear	15000		4	10
Vintage 1906 Globe 95 40 Filament DIM 4.8W 827 Clear E27 ¹	4099854075681	40	E27	4.8	470	2700	80	138	95	Clear	15000		4	11
Vintage 1906 Globe 95 60 Heart Filament DIM 7.2W 927 Clear E27 ¹	4058075836907	60	E27	7.2	806	2700	90	139	95	Clear	15000		4	12
Vintage 1906 Edison 40 Filament DIM 4.8W 827 Clear E27 ¹	4099854075667	40	E27	4.8	470	2700	80	140	64	Clear	15000		4	13
Vintage 1906 Edison 60 Heart Filament DIM 7.2W 927 Clear E27 ¹	4058075836969	60	E27	7.2	806	2700	90	139	64	Clear	15000		4	14

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value. | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Product name	GTIN (EAN)	WxWxH	W	lm	K	CRI	L (mm)	d (mm)	Light	t ₉₀	Energy	Dim	Light	No.	
Vintage 1906 Classic A 35 Filament DIM 4.8W 822 Gold E27 ¹	4058075761452	35	E27	4.8	400	2200	80	105	60	Gold	15000			6	15
Vintage 1906 Classic A 40 Spiral Filament DIM 4.9W 927 Gold E27 ¹	4058075836600	40	E27	4.9	470	2700	90	110	60	Gold	15000			6	16
Vintage 1906 Classic A 60 Spiral Filament DIM 8W 922 Gold E27 ¹	4058075836648	60	E27	8	806	2200	90	110	60	Gold	15000			6	17
Vintage 1906 Classic B 25 Filament DIM 3.4W 822 Gold E14 ¹	4099854091612	25	E14	3.4	250	2200	80	97	35	Gold	15000			6	18
Vintage 1906 Classic B 28 Spiral Filament DIM 3.5W 922 Gold E14 ¹	4058075836723	28	E14	3.5	300	2200	90	98	35	Gold	15000			6	19
Vintage 1906 Classic P 25 Filament DIM 3.4W 822 Gold E14 ¹	4058075761438	25	E14	3.4	250	2200	80	78	45	Gold	15000			6	20
Vintage 1906 Classic P 40 Spiral Filament DIM 4.9W 922 Gold E14 ¹	4058075836761	40	E14	4.9	470	2200	90	80	45	Gold	15000			6	21
Vintage 1906 Globe 80 37 Filament DIM 4.8W 822 Gold E27 ¹	4099854090806	37	E27	4.8	420	2200	80	120	80	Gold	15000			4	22
Vintage 1906 Globe 80 37 Filament DIM 4.8W 822 Gold E27 ¹	4099854147876	37	E27	4.8	420	2200	80	120	80	Gold	15000			8	22
Vintage 1906 Globe 80 48 Filament DIM 7W 822 Gold E27 ¹	4099854090820	48	E27	7	600	2200	80	120	80	Gold	15000			4	22
Vintage 1906 Globe 80 40 Spiral Filament DIM 4.9W 922 Gold E27 ¹	4058075836822	40	E27	4.9	470	2200	90	123	80	Gold	15000			4	23
Vintage 1906 Globe 80 60 Spiral Filament DIM 8W 922 Gold E27 ¹	4058075836846	60	E27	8	806	2200	90	123	80	Gold	15000			4	24
Vintage 1906 Globe 80 40 Heart Filament DIM 4.9W 922 Gold E27 ¹	4058075836860	40	E27	4.9	470	2200	90	123	80	Gold	15000			4	25
Vintage 1906 Globe 80 60 Heart Filament DIM 8W 922 Gold E27 ¹	4058075836884	60	E27	8	806	2200	90	123	80	Gold	15000			4	25
Vintage 1906 Globe 80 40 Filament DIM 5.8W 822 Gold E27 ¹	4099854090844	40	E27	5.8	470	2200	80	120	80	Gold	15000			4	26
Vintage 1906 Globe 80 60 Filament DIM 8.8W 822 Gold E27 ¹	4099854090943	60	E27	8.8	806	2200	80	120	80	Gold	15000			4	26
Vintage 1906 Globe 80 60 Filament DIM 7.2W 824 Gold E27 ¹	4099854137860	60	E27	7.2	806	2400	≥80	115	80	Gold	15000			4	27
Vintage 1906 Globe 80 60 Filament DIM 7.2W 824 Gold E27 ¹	4099854137808	60	E27	7.2	806	2400	≥80	115	80	Gold	15000			8	27
Vintage 1906 Globe 95 37 Filament DIM 4.8W 822 Gold E27 ¹	4058075761612	37	E27	4.8	420	2200	80	138	95	Gold	15000			4	28
Vintage 1906 Globe 95 48 Filament DIM 7W 822 Gold E27 ¹	4058075761636	48	E27	7	600	2200	80	138	95	Gold	15000			4	28
Vintage 1906 Globe 95 40 Heart Filament DIM 4.9W 922 Gold E27 ¹	4058075836921	40	E27	4.9	470	2200	90	139	95	Gold	15000			4	29
Vintage 1906 Globe 95 60 Heart Filament DIM 8W 922 Gold E27 ¹	4058075836945	60	E27	8	806	2200	90	139	95	Gold	15000			4	29
Vintage 1906 Globe 95 40 Filament DIM 5.8W 822 Gold E27 ¹	4058075761759	40	E27	5.8	470	2200	80	138	95	Gold	15000			4	30
Vintage 1906 Globe 95 60 Filament DIM 8.8W 822 Gold E27 ¹	4058075761773	60	E27	8.8	806	2200	80	138	95	Gold	15000			4	30
Vintage 1906 Globe 95 55 Filament DIM 6.5W 824 Gold E27 ¹	4099854132313	55	E27	6.5	725	2400	80	135	95	Gold	15000			4	31
Vintage 1906 Globe 95 55 Filament DIM 6.5W 824 Gold E27 ¹	4058075754737	55	E27	6.5	725	2400	80	135	95	Gold	15000			8	31
Vintage 1906 Globe 125 37 Filament DIM 4.8W 822 Gold E27 ¹	4058075761650	37	E27	4.8	420	2200	80	173	124	Gold	15000			4	32
Vintage 1906 Globe 125 48 Filament DIM 7W 822 Gold E27 ¹	4058075761674	48	E27	7	600	2200	80	173	124	Gold	15000			4	32
Vintage 1906 Globe 28 Filament DIM 4W 820 Gold E27 ¹	4058075270008	28	E27	4	300	2000	80	168	124	Gold	15000			4	33
Vintage 1906 Globe 60 Filament DIM 8.8W 824 Gold E27 ¹	4099854137884	60	E27	8.8	806	2400	≥80	168	125	Gold	15000			4	34
Vintage 1906 Globe 125 40 Filament DIM 5.8W 822 Gold E27 ¹	4058075761797	40	E27	5.8	470	2200	80	173	124	Gold	15000			4	35
Vintage 1906 Globe 125 60 Filament DIM 8.8W 822 Gold E27 ¹	4058075761810	60	E27	8.8	806	2200	80	173	124	Gold	15000			4	35
Vintage 1906 Globe 55 Filament DIM 6.5W 824 Gold E27 ¹	4058075808997	55	E27	6.5	725	2400	80	168	124	Gold	15000			4	36
Vintage 1906 Globe 200 33 Filament DIM 4.8W 822 Gold E27 ¹	4058075761698	33	E27	4.8	400	2200	80	295	200	Gold	15000			4	37
Vintage 1906 Big Globe 28 Filament DIM 4W 820 Gold E27 ¹	4058075269729	28	E27	4	300	2000	80	290	200	Gold	15000			4	38
Vintage 1906 Edison 28 Filament Big Grape DIM 4W 820 Gold E27 ¹	4058075269705	28	E27	4	300	2000	80	290	160	Gold	15000			4	39
Vintage 1906 Mini Edison ST 45 33 Filament DIM 4.8W 822 Gold E27 ¹	4058075779945	33	E27	4.8	360	2200	≥80	88	45	Gold	15000			6	40
Vintage 1906 Edison 37 Filament DIM 4.8W 822 Gold E27 ¹	4099854091025	37	E27	4.8	420	2200	80	140	64	Gold	15000			4	41
Vintage 1906 Edison 37 Filament DIM 4.8W 822 Gold E27 ¹	4099854147838	37	E27	4.8	420	2200	80	140	64	Gold	15000			8	41
Vintage 1906 Edison 48 Filament DIM 7W 822 Gold E27 ¹	4099854091049	48	E27	7	600	2200	80	140	64	Gold	15000			4	41
Vintage 1906 Edison 28 Filament DIM 4W 820 Gold E27 ¹	4099854090103	28	E27	4	300	2000	80	143	64	Gold	15000			4	42
Vintage 1906 Edison 40 Filament DIM 5.8W 822 Gold E27 ¹	4099854091063	40	E27	5.8	470	2200	80	140	64	Gold	15000			4	43
Vintage 1906 Edison 60 Filament DIM 8.8W 822 Gold E27 ¹	4099854091087	60	E27	8.8	806	2200	80	140	64	Gold	15000			4	43
Vintage 1906 Edison 55 Filament DIM 6.5W 824 Gold E27 ¹	4099854081514	55	E27	6.5	725	2400	80	143	64	Gold	15000			4	44
Vintage 1906 Edison 55 Filament DIM 6.5W 824 Gold E27 ¹	4058075754713	55	E27	6.5	725	2400	80	143	64	Gold	15000			8	44
Vintage 1906 Edison 40 Heart Filament DIM 4.9W 922 Gold E27 ¹	4058075836983	40	E27	4.9	470	2200	90	139	64	Gold	15000			4	45
Vintage 1906 Edison 60 Heart Filament DIM 8W 922 Gold E27 ¹	4058075837003	60	E27	8	806	2200	90	139	64	Gold	15000			4	45
Vintage 1906 Edison 60 Filament DIM 7.2W 824 Gold E27 ¹	4099854137822	60	E27	7.2	806	2400	≥80	143	64	Gold	15000			4	46
Vintage 1906 Edison 60 Filament DIM 8.8W 824 Gold E27 ¹	4099854137846	60	E27	8.8	806	2400	≥80	143	64	Gold	15000			4	47
Vintage 1906 Globe 80 30 Filament DIM 7.8W 818 Smoke E27 ¹	4099854090745	30	E27	7.8	360	1800	80	120	80	Smoke	15000			4	48
Vintage 1906 Globe 80 30 Filament DIM 7.8W 818 Smoke E27 ¹	4099854147890	30	E27	7.8	360	1800	80	120	80	Smoke	15000			8	48
Vintage 1906 Globe 80 42 Filament DIM 11W 818 Smoke E27 ¹	4099854090783	42	E27	11	500	1800	80	120	80	Smoke	15000			4	49
Vintage 1906 Globe 95 30 Filament DIM 7.8W 818 Smoke E27 ¹	4058075761216	30	E27	7.8	360	1800	80	138	95	Smoke	15000			4	50
Vintage 1906 Globe 95 42 Filament DIM 11W 818 Smoke E27 ¹	4058075761353	42	E27	11	500	1800	80	138	95	Smoke	15000			4	51
Vintage 1906 Globe 125 30 Filament DIM 7.8W 818 Smoke E27 ¹	4058075761254	30	E27	7.8	360	1800	80	173	124	Smoke	15000			4	52
Vintage 1906 Globe 125 42 Filament DIM 11W 818 Smoke E27 ¹	4058075761391	42	E27	11	500	1800	80	173	124	Smoke	15000			4	51
Vintage 1906 Globe 200 16 Filament DIM 4.8W 818 Smoke E27 ¹	4058075761278	16	E27	4.8	150	1800	80	295	200	Smoke	15000			4	53
Vintage 1906 Big Globe 15 Filament DIM 4W 818 Smoke E27 ¹	4058075270046	15	E27	4	140	1800	80	290	200	Smoke	15000			4	54
Vintage 1906 Edison 15 Filament Big Grape DIM 4W 818 Smoke E27 ¹	4058075270022	15	E27	4	140	1800	80	290	160	Smoke	15000			4	55
Vintage 1906 Edison 30 Filament DIM 7.8W 818 Smoke E27 ¹	4099854090981	30	E27	7.8	360	1800	80	140	64	Smoke	15000			4	56
Vintage 1906 Edison 30 Filament DIM 7.8W 818 Smoke E27 ¹	4099854147852	30	E27	7.8	360	1800	80	140	64	Smoke	15000			8	56
Vintage 1906 Edison 42 Filament DIM 11W 818 Smoke E27 ¹	4099854091001	42	E27	11	500	1800	80	140	64	Smoke	15000			4	57

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value. | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Vintage 1906® LED DIM

Dimmable LED lamps, vintage edition



Compatibility list also online:
ledvance.com/compatibility



Product name	GTIN (EAN)	W _Δ W	W	lm	K	CRI	L (mm)	φ (mm)	Light	t(h) ³	Energy	EEC	Light No.
Vintage 1906 Ballon 30 Filament DIM 4.8W 827 Clear E27 ¹	4058075761919	30	E27	4.8	400	2700	80	270	170	Clear	15 000	▶	4 1
Vintage 1906 Ballon 10 Filament DIM 4.5W 816 Blue E27 ¹	4058075761872	10	E27	4.5	100	1600	80	270	170	Blue	15 000	▶	4 2
Vintage 1906 Ballon 15 Filament DIM 4.5W 816 Pink E27 ¹	4058075761896	15	E27	4.5	220	1600	80	270	170	Pink	15 000	▶	4 3
Vintage 1906 NEST 10 Filament DIM 4.8W 818 Smoke E27 ¹	4058075761056	10	E27	4.8	100	1800	80	405	200	Smoke	15 000	▶	4 4
Vintage 1906 Globe 140 15 Filament DIM 4.5W 816 Smoke E27 ¹	4058075760974	15	E27	4.5	150	1600	80	200	140	Smoke	15 000	▶	4 5
Vintage 1906 Globe ET 165 15 Filament DIM 4.5W 817 Smoke E27 ¹	4058075760998	15	E27	4.5	150	1700	80	270	165	Smoke	15 000	▶	4 6
Vintage 1906 Globe ET 124 18 Filament DIM 4.5W 816 Green E27 ¹	4058075761858	18	E27	4.5	180	1600	80	176	125	Green	15 000	▶	4 7
Vintage 1906 AW 15 Filament DIM 4W 818 Smoke E27 ¹	4058075761018	15	E27	4	140	1800	80	400	193	Smoke	15 000	▶	4 8
Vintage 1906 Classic C 125 15 Filament DIM 4W 818 Smoke E27 ^{1,5}	4099854090325	15	E27	4	140	1800	80	283	125	Smoke	15 000	–	4 9
Vintage 1906 NEST 33 Filament DIM 4.8W 822 Gold E27 ¹	4058075761834	33	E27	4.8	360	2200	80	405	200	Gold	15 000	▶	4 10
Vintage 1906 Tubular 40 Filament DIM 4.8W 822 Gold E27 ¹	4099854091803	40	E27	4.8	470	2200	80	165	32	Gold	15 000	▶	4 11
Vintage 1906 Big Globe 200 60 DIM 7.3W 827 Frosted E27 ¹	4058075836129	60	E27	7.3	806	2700	80	260	200	Frosted	15 000	▶	4 12
Vintage 1906 Ballon 60 DIM 7.3W 827 Frosted E27 ¹	4058075836143	60	E27	7.3	806	2700	80	275	170	Frosted	15 000	▶	4 13
Vintage 1906 Big Apple 60 DIM 7.3W 827 Frosted E27 ¹	4058075836204	60	E27	7.3	806	2700	80	180	135	Frosted	15 000	▶	4 14
Vintage 1906 Big Grape 60 DIM 7.3W 827 Frosted E27 ¹	4058075836228	60	E27	7.3	806	2700	80	285	160	Frosted	15 000	▶	4 15

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value. | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ This product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).

Vintage 1906® LED

LED lamps, vintage edition






Product name	GTIN (EAN)	W	W	lm	K	CRI	L (mm)	Ø d (mm)	Light icon	t ₉₀ ³	Energy icon ⁴	Box icon	Light No.	
Vintage 1906 Classic A 40 Spiral Filament 3.4W 827 Clear E27 ¹	4058075836686	40	E27	3.4	470	2700	80	110	60	Clear	15000	E D	6	1
Vintage 1906 Classic A 60 Spiral Filament 5.9W 827 Clear E27 ¹	4058075836662	60	E27	5.9	806	2700	80	110	60	Clear	15000	E D	6	1
Vintage 1906 Edison 40 Spiral Filament 3.4W 827 Clear E27 ¹	4058075837027	40	E27	3.4	470	2700	80	139	64	Clear	15000	E D	4	2
Vintage 1906 Classic A 40 Spiral Filament 4.9W 927 Gold E27 ¹	4058075836525	40	E27	4.9	470	2200	90	110	60	Gold	15000	E F	6	3
Vintage 1906 Classic A 22 Filament 2.5W 824 Gold E27 ¹	4058075293199	22	E27	2.5	220	2400	80	105	60	Gold	15000	E F	6	4
Vintage 1906 Classic A 35 Filament 4W 824 Gold E27 ¹	4058075293090	35	E27	4	410	2400	80	105	60	Gold	15000	E F	6	5
Vintage 1906 Classic A 50 Filament 6.5W 824 Gold E27 ¹	4058075293298	50	E27	6.5	650	2400	80	105	60	Gold	15000	E F	6	6
Vintage 1906 Classic A 63 Filament 7.5W 824 Gold E27 ¹	4058075293359	63	E27	7.5	865	2400	80	105	60	Gold	15000	E F	6	6
Vintage 1906 Classic B 12 Filament 1.5W 824 Gold E14 ¹	4099854091599	12	E14	1.5	120	2400	80	100	35	Gold	15000	E F	6	7
Vintage 1906 Classic B 22 Filament 2.5W 824 Gold E14 ¹	4099854091575	22	E14	2.5	220	2400	80	100	35	Gold	15000	E F	6	7
Vintage 1906 Classic B 35 Filament 4W 824 Gold E14 ¹	4099854091476	35	E14	4	410	2400	80	100	35	Gold	15000	E F	6	8
Vintage 1906 Classic BA 12 Filament 1.5W 824 Gold E14 ¹	4099854091551	12	E14	1.5	120	2400	80	121	35	Gold	15000	E F	10	9
Vintage 1906 Classic BA 22 Filament 2.5W 824 Gold E14 ¹	4099854091537	22	E14	2.5	220	2400	80	121	35	Gold	15000	E F	10	9
Vintage 1906 Classic BW 12 Filament 1.5W 824 Gold E14 ¹	4099854091513	12	E14	1.5	120	2400	80	100	35	Gold	15000	E F	6	10
Vintage 1906 Classic BW 22 Filament 2.5W 824 Gold E14 ¹	4099854091490	22	E14	2.5	220	2400	80	100	35	Gold	15000	E F	6	10
Vintage 1906 Classic P 40 Spiral Filament 4.9W 922 Gold E14 ¹	4058075836653	40	E14	4.9	470	2200	90	80	45	Gold	15000	E F	6	11
Vintage 1906 Classic P 22 Filament 2.5W 824 Gold E14 ¹	4058075290815	22	E14	2.5	220	2400	80	77	45	Gold	15000	E F	6	12
Vintage 1906 Classic P 35 Filament 4W 824 Gold E14 ¹	4058075293496	35	E14	4	410	2400	80	77	45	Gold	15000	E F	6	13
Vintage 1906 Globe 95 40 Spiral Filament 3.4W 827 Gold E27 ¹	4058075836549	40	E27	3.4	470	2700	80	139	95	Gold	15000	E D	4	14
Vintage 1906 Globe 28 Filament 4W 820 Gold E27 ¹	4058075092136	28	E27	4	300	2000	80	168	124	Gold	15000	E F	4	15
Vintage 1906 Globe 22 Filament 2.5W 824 Gold E27 ¹	4058075808980	22	E27	2.5	220	2400	80	168	124	Gold	15000	E F	4	16
Vintage 1906 Globe 35 Filament 4W 824 Gold E27 ¹	4099854091179	35	E27	4	410	2400	80	168	124	Gold	15000	E F	4	17
Vintage 1906 Globe 52 Filament 6.5W 824 Gold E27 ¹	4058075809406	52	E27	6.5	720	2400	80	168	124	Gold	15000	E F	4	17
Vintage 1906 Big Globe 28 Filament 4W 820 Gold E27 ¹	4058075092013	28	E27	4	300	2000	80	290	200	Gold	15000	E F	4	18
Vintage 1906 Edison 28 Filament 4W 820 Gold E27 ¹	4099854091292	28	E27	4	300	2000	80	143	64	Gold	15000	E F	4	19
Vintage 1906 Edison 22 Filament 2.5W 824 Gold E27 ¹	4099854091339	22	E27	2.5	220	2400	80	143	64	Gold	15000	E F	4	20
Vintage 1906 Edison 35 Filament 4W 824 Gold E27 ¹	4099854091377	35	E27	4	410	2400	80	143	64	Gold	15000	E F	4	21
Vintage 1906 Edison 28 Filament Big Grape 4W 820 Gold E27 ¹	4058075091993	28	E27	4	300	2000	80	290	160	Gold	15000	E F	4	22

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value. | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Product name	GTIN (EAN)													
Vintage 1906 Tubular 20 Filament 2.5W 820 Gold E27 ¹	4099854091858	20	E27	2.5	200	2000	80	127	32	Gold	15000		4	23
Vintage 1906 Tubular 35 Filament 4W 820 Gold E27 ¹	4099854091889	35	E27	4	400	2000	80	185	32	Gold	15000		4	24
Vintage 1906 Oval 40 Filament 4W 824 Gold E27 ¹	4099854091117	40	E27	4	470	2400	80	156	75	Gold	15000		4	25
Vintage 1906 Big Globe 40 Filament Pine 4W 824 Gold E27 ¹	4058075092037	40	E27	4	470	2400	80	168	125	Gold	15000		4	26
Vintage 1906 Edison 40 Filament Diamond 4W 824 Gold E27 ¹	4058075091955	40	E27	4	470	2400	80	142	110	Gold	15000		4	27
Vintage 1906 Classic A 10 Filament 3.4W 818 Smoke E27 ¹	4058075760912	10	E27	3.4	100	1800	80	105	60	Smoke	15000		6	28
Vintage 1906 Edison 10 Filament 3.4W 818 Smoke E27 ¹	4099854091353	10	E27	3.4	100	1800	80	140	64	Smoke	15000		4	29
Vintage 1906 Globe 95 10 Filament 3.4W 818 Smoke E27 ¹	4058075760950	10	E27	3.4	100	1800	80	138	95	Smoke	15000		4	30
Vintage 1906 Globe 15 Filament 4W 818 Smoke E27 ¹	4058075269989	15	E27	4	140	1800	80	168	124	Smoke	15000		4	31
Vintage 1906 Big Globe 15 Filament 4W 818 Smoke E27 ¹	4058075269927	15	E27	4	140	1800	80	290	200	Smoke	15000		4	32
Vintage 1906 Edison 15 Filament 4W 818 Smoke E27 ¹	4099854091315	15	E27	4	140	1800	80	143	64	Smoke	15000		4	33
Vintage 1906 Edison 15 Filament Big Grape 4W 818 Smoke E27 ¹	4058075269903	15	E27	4	140	1800	80	290	160	Smoke	15000		4	34
Vintage 1906 Big Globe 220 15 Filament 4.5W 818 Smoke E27 ^{1,5}	4058075836167	15	E27	4.5	150	1800	80	225	220	Smoke	15000	-	4	35
Vintage 1906 Big Oval 15 Filament Magnetic 4.5W 818 Smoke E27 ^{1,5}	4058075836181	15	E27	4.5	150	1800	80	270	170	Smoke	15000	-	4	36

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value. | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ This product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).

Vintage 1906® LED CLASSIC A, GLOBE and EDISON with FILAMENT-MAGNETIC STYLE

LED lamps, decorative classic bulb, Edison and classic ball shapes with filament-magnetic technology

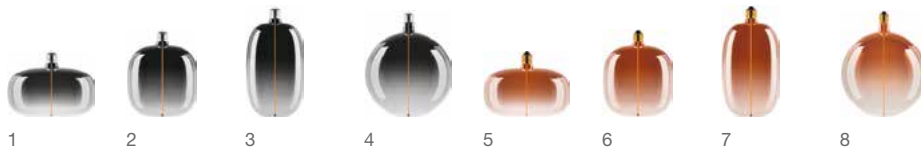


Product name	GTIN (EAN)	W	W	lm	K	CRI	h	d	Light	t _h	RoHS	Recycle	No.	
Vintage 1906 Classic A 10 Filament Magnetic 1.8W 827 Clear E27 ¹	4099854049972	10	E27	1.8	100	2700	80	105	60	Clear	15000	▶	6	1
Vintage 1906 Classic A 8 Filament Magnetic 1.8W 827 Gold E27 ¹	4099854049996	8	E27	1.8	80	2700	80	105	60	Gold	15000	▶	6	2
Vintage 1906 Classic A 4 Filament Magnetic 1.8W 818 Smoke E27 ^{1,5}	4099854050015	4	E27	1.8	40	1800	80	105	60	Smoke	15000	-	6	3
Vintage 1906 Globe 95 16 Filament Magnetic 2.2W 827 Clear E27 ¹	4099854049910	16	E27	2.2	150	2700	80	138	95	Clear	15000	▶	4	4
Vintage 1906 Globe 95 12 Filament Magnetic 2.2W 827 Gold E27 ¹	4099854049934	12	E27	2.2	120	2700	80	138	95	Gold	15000	▶	4	5
Vintage 1906 Globe 95 6 Filament Magnetic 2.2W 818 Smoke E27 ^{1,5}	4099854049958	6	E27	2.2	60	1800	80	138	95	Smoke	15000	-	4	6
Vintage 1906 Edison 16 Filament Magnetic 2.2W 827 Clear E27 ¹	4099854049859	16	E27	2.2	150	2700	80	140	64	Clear	15000	▶	4	7
Vintage 1906 Edison 12 Filament Magnetic 2.2W 827 Gold E27 ¹	4099854049873	12	E27	2.2	120	2700	80	140	64	Gold	15000	▶	4	8
Vintage 1906 Edison 6 Filament Magnetic 2.2W 818 Smoke E27 ^{1,5}	4099854049897	6	E27	2.2	60	1800	80	140	64	Smoke	15000	-	4	9

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ This product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).

Vintage 1906® LED DECORATIVE BULB WITH FILAMENT-MAGNETIC STYLE DIM

Dimmable LED lamps, decorative bulbs with filament-magnetic technology



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Lifetime: up to 15,000 h
- Good quality of light; colour rendering index R_a : ≥ 80 ; constant chromaticity
- Lamp made of plastic
- Pleasant light: Warm white comfort light colour
- Can be used directly as luminaire

PRODUCT BENEFITS

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Type of protection: IP20, Ideal for indoor use
- Decorative lamps with innovative LED „filament-magnetic“ technology

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination

Product name	GTIN (EAN)	W Δ W	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Light	t _h ³	RoHS	Recycle	No.	
Vintage 1906 Big Elipse 6 Magnetic DIM 4W 818 Smoke E27 ¹	4058075836440	6	E27	4	60	1800	80	165	215	Smoke	15000	–	4	1
Vintage 1906 Big Oval 10 Magnetic DIM 4.8W 818 Smoke E27 ¹	4058075836464	10	E27	4.8	100	1800	80	237	187	Smoke	15000	–	4	2
Vintage 1906 Big Elipse Oval 10 Magnetic DIM 4.8W 818 Smoke E27 ¹	4058075836488	10	E27	4.8	100	1800	80	280	145	Smoke	15000	–	4	3
Vintage 1906 Big Globe 200 10 Magnetic DIM 4.8W 818 Smoke E27 ¹	4058075836501	10	E27	4.8	100	1800	80	260	200	Smoke	15000	–	4	4
Vintage 1906 Big Elipse 12 Magnetic DIM 4W 818 Tea Brown E27 ¹	4058075836365	12	E27	4	120	1800	80	165	215	TEA BROWN	15000	–	4	5
Vintage 1906 Big Oval 20 Magnetic DIM 4.8W 818 Tea Brown E27 ¹	4058075836389	20	E27	4.8	200	1800	80	237	187	TEA BROWN	15000	–	4	6
Vintage 1906 Big Elipse Oval 20 Magnetic DIM 4.8W 818 Tea Brown E27 ¹	4058075836402	20	E27	4.8	200	1800	80	280	145	TEA BROWN	15000	–	4	7
Vintage 1906 Big Globe 200 20 Magnetic DIM 4.8W 818 Tea Brown E27 ¹	4058075836426	20	E27	4.8	200	1800	80	260	200	TEA BROWN	15000	–	4	8

NOTE

These products are exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50

Vintage 1906® LED BIG DECORATIVE BULB with FILAMENT-MAGNETIC STYLE DIM/NON-DIM

Dimmable and non-dimmable LED lamps, decorative big bulbs with filament-magnetic technology



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Lifetime: up to 15,000 h
- Good quality of light; colour rendering index $R_a \geq 80$; constant chromaticity
- Lamp made of plastic
- Pleasant light: Warm white comfort light colour
- Can be used directly as luminaire

PRODUCT BENEFITS

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Type of protection: IP20, Ideal for indoor use
- Decorative lamps with innovative LED „filament-magnetic“ technology

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination

DIMMABLE

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	CRI	L [mm]	d [mm]	💡	t [h] ³	📄 ⁴	📦	💡 No.
Vintage 1906 Big Elipse 32 Magnetic DIM 12W 818 Smoke E27 ^{1,5}	4058075836303	32	E27	12	350	1800	80	210	300	Smoke	15 000	-	4	1
Vintage 1906 Big Oval 35 Magnetic DIM 12W 818 Smoke E27 ^{1,5}	4058075836327	35	E27	12	400	1800	80	300	250	Smoke	15 000	-	4	2
Vintage 1906 Big Elipse Oval 28 Magnetic DIM 12W 818 Smoke E27 ^{1,5}	4058075836341	28	E27	12	300	1800	80	370	200	Smoke	15 000	-	4	3
Vintage 1906 Big Elipse 42 Magnetic DIM 12W 818 Amber E27 ^{1,5}	4058075836242	42	E27	12	500	1800	80	210	300	Amber	15 000	-	4	4
Vintage 1906 Big Oval 45 Magnetic DIM 12W 818 Amber E27 ^{1,5}	4058075836266	45	E27	12	550	1800	80	300	250	Amber	15 000	-	4	5
Vintage 1906 Big Elipse Oval 42 Magnetic DIM 12W 818 Amber E27 ^{1,5}	4058075836280	42	E27	12	500	1800	80	370	200	Amber	15 000	-	4	6



NON-DIMMABLE

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	CRI	L [mm]	d [mm]	💡	t [h] ³	📄 ⁴	📦	💡 No.
Vintage 1906 Big Elipse 6 Filament Magnetic 4W 818 Smoke E27 ^{1,5}	4099854173929	6	E27	4	60	1800	80	210	300	Smoke	15 000	-	4	1
Vintage 1906 Big Oval 10 Filament Magnetic 4W 818 Smoke E27 ^{1,5}	4099854173943	10	E27	4	100	1800	80	300	250	Smoke	15 000	-	4	2
Vintage 1906 Big Elipse Oval 12 Filament Magnetic 4W 818 Smoke E27 ^{1,5}	4099854173981	12	E27	4	120	1800	80	370	200	Smoke	15 000	-	4	3
Vintage 1906 Big Elipse 12 Filament Magnetic 2.5W 827 Amber E27 ¹	4099854173806	12	E27	2.5	120	2700	80	210	300	Amber	15 000	🔴	4	4
Vintage 1906 Big Oval 25 Filament Magnetic 3.4W 827 Amber E27 ¹	4099854173844	25	E27	3.4	250	2700	80	300	250	Amber	15 000	🔴	4	5
Vintage 1906 Big Elipse Oval 27 Filament Magnetic 4W 827 Amber E27 ¹	4099854173882	27	E27	4	280	2700	80	370	200	Amber	15 000	🔴	4	6

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ This product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).



LED CLASSIC A/P MIRROR

LED lamps, classic bulb and mini-bulb shape with mirror bulb crown, gold or silver type



Product name	GTIN (EAN)	W _Δ W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]		t[h] ³			No.
LED Classic A 50 Filament Mirror P 6.5W 827 Silver E27 ¹	4099854062742	50	E27	6.5	650	2700	80	105	60	Mirror	15 000		10	1
LED Star Classic A 35 Filament Mirror Gold 4W 827 Clear E27 ¹	4058075435360	35	E27	4	400	2700	80	105	60	Mirror	15 000		6	2
LED Star Classic A 50 Filament Mirror Gold 6.5W 827 Clear E27 ¹	4058075435346	50	E27	6.5	650	2700	80	105	60	Mirror	15 000		6	2
LED Classic P 31 Filament Mirror P 4W 827 Silver E14 ¹	4099854070037	31	E14	4	350	2700	80	77	45	Mirror	15 000		10	3
LED Star Classic P 34 Filament Mirror Gold 4W 827 Clear E14 ¹	4058075456549	34	E14	4	380	2700	≥80	84	45	Mirror	15 000		6	4

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PCR LAMPS WITH CLASSIC A/B/P

LED lamps, classic bulb, mini-bulb and candle shape with recycled plastic



PRODUCT FEATURES

- LED alternative to conventional lamps
- Mercury-free lamps
- Minimum 40 % of recycled plastic (out of total plastic weight) used

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time
- Made of recycled plastics, the lamp contributes to the reduction of CO₂ emissions and landfill waste

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	W _{LED}	W _{inc}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{d}{d}$ [mm]	Light bulb icon	t _h ³	Energy efficiency class icon ⁴	Recycling icon	Light bulb icon No.
LED Classic A 40 Recycled Plastic 4.9W 827 Frosted E27 ¹	4099854204883	40	E27	4.9	470	2700	≥80	100	55	Frosted	15000		10	1
LED Classic A 40 Recycled Plastic 4.9W 840 Frosted E27 ¹	4099854204906	40	E27	4.9	470	4000	≥80	100	55	Frosted	15000		10	1
LED Classic A 60 Recycled Plastic 8.5W 827 Frosted E27 ¹	4099854204920	60	E27	8.5	806	2700	≥80	107	60	Frosted	15000		10	1
LED Classic A 60 Recycled Plastic 8.5W 840 Frosted E27 ¹	4099854204944	60	E27	8.5	806	4000	≥80	107	60	Frosted	15000		10	1
LED Classic A 75 Recycled Plastic 10W 827 Frosted E27 ¹	4099854204982	75	E27	10	1055	2700	≥80	113	60	Frosted	15000		10	1
LED Classic A 75 Recycled Plastic 10W 840 Frosted E27 ¹	4099854205026	75	E27	10	1055	4000	≥80	113	60	Frosted	15000		10	1
LED Classic A 100 Recycled Plastic 14W 827 Frosted E27 ¹	4099854205040	100	E27	14	1521	2700	≥80	118	60	Frosted	15000		10	2
LED Classic A 100 Recycled Plastic 14W 840 Frosted E27 ¹	4099854205088	100	E27	14	1521	4000	≥80	118	60	Frosted	15000		10	2
LED Classic B 40 Recycled Plastic 4.9W 827 Frosted E14 ¹	4099854205125	40	E14	4.9	470	2700	≥80	96	37	Frosted	15000		10	3
LED Classic B 40 Recycled Plastic 4.9W 840 Frosted E14 ¹	4099854205187	40	E14	4.9	470	4000	≥80	96	37	Frosted	15000		10	3
LED Classic P 40 Recycled Plastic 4.9W 827 Frosted E14 ¹	4099854205248	40	E14	4.9	470	2700	≥80	79	45	Frosted	15000		10	4
LED Classic P 40 Recycled Plastic 4.9W 840 Frosted E14 ¹	4099854205262	40	E14	4.9	470	4000	≥80	79	45	Frosted	15000		10	4

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SUPERIOR CLASS

LED CLASSIC LAMPS FROSTED

LED lamps with CRI 97, classic bulb, mini-bulb and candle shape with reduced blue component types



Product name	GTIN (EAN)	W Δ W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]		t[h] ³			No.
LED Classic A 40 S 4.9W 927 Frosted E27 ¹	4099854075407	40	E27	4.9	470	2700	97	107	60	Frosted	30 000		10	1
LED Classic A 60 S 9.4W 927 Frosted E27 ¹	4099854075421	60	E27	9.4	806	2700	97	112	60	Frosted	30 000		10	1
LED Classic B 25 S 2.8W 927 Frosted E14 ¹	4099854075445	25	E14	2.8	245	2700	97	96	37	Frosted	30 000		10	2
LED Classic B 40 S 4.9W 927 Frosted E14 ¹	4099854075469	40	E14	4.9	470	2700	97	106	38	Frosted	30 000		10	2
LED Classic P 40 S 4.9W 927 Frosted E14 ¹	4099854075483	40	E14	4.9	470	2700	97	89	47	Frosted	30 000		10	3

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC LAMPS FOR FACILITIES

Professional LED lamps for facilities AC/DC



PRODUCT FEATURES

- LED lamp compatible for emergency power system
- High switching cycle with 500,000 times

PRODUCT BENEFITS

- Light for AC/DC system (AC 220-240V, DC 176-250V)
- High switching cycle enables long lifetime when it is connected to motion sensors
- Very long lifetime of up to 25,000 h
- Lower energy consumption than incandescent or halogen lamps

AREAS OF APPLICATION

- Public space in large-scaled buildings: staircases, corridors, emergency exits, basement
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{max}	W	lm	K	CRI	l [mm]	d [mm]	Light	t _h ³	EE ⁴	EE	No.	
LED Classic A 60 Facility S 7W 827 Frosted E27 ¹	4099854044151	60	E27	7	806	2700	80	108	60	Frosted	25 000	EE	10	1
LED Classic A 60 Facility S 7W 840 Frosted E27 ¹	4099854044175	60	E27	7	806	4000	80	108	60	Frosted	25 000	EE	10	1
LED Classic A 75 Facility S 9W 827 Frosted E27 ¹	4099854044199	75	E27	9	1055	2700	80	112	60	Frosted	25 000	EE	10	1
LED Classic A 75 Facility S 9W 840 Frosted E27 ¹	4099854044212	75	E27	9	1055	4000	80	112	60	Frosted	25 000	EE	10	1
LED Classic B 60 Facility S 7.3W 827 Frosted E14 ¹	4099854086342	60	E14	7.3	806	2700	80	107	37	Frosted	25 000	EE	10	2
LED Classic B 60 Facility S 7.3W 840 Frosted E14 ¹	4099854086366	60	E14	7.3	806	4000	80	107	37	Frosted	25 000	EE	10	2

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A/B/P DIM/NON-DIM

Dimmable and non-dimmable LED lamps, classic bulb, mini-bulb and candle shape

Compatibility list also online:
ledvance.com/compatibility

DIMMABLE

Product name	GTIN (EAN)	W _{avg}	W	lm	K	CRI	l (mm)	d (mm)	Light bulb icon	t _h ³	Energy efficiency class ⁴	Light bulb icon	Light bulb icon	No.
LED Classic A 60 DIM P 8.8W 827 Frosted E27 ¹	4099854043970	60	E27	8.8	806	2700	80	108	60	Frosted	25 000	E	10	1
LED Classic A 75 DIM P 10.5W 827 Frosted E27 ¹	4099854043994	75	E27	10.5	1055	2700	80	112	60	Frosted	25 000	E	10	1
LED Classic A 100 DIM P 14W 827 Frosted E27 ¹	4099854044014	100	E27	14	1521	2700	80	120	60	Frosted	25 000	E	10	1
LED Classic A 150 DIM P 20W 827 Frosted E27 ¹	4099854044038	150	E27	20	2452	2700	80	137	70	Frosted	25 000	E	10	2
LED Classic B 40 DIM P 4.9W 827 Frosted E14 ¹	4099854044052	40	E14	4.9	470	2700	80	100	35	Frosted	25 000	E	10	3
LED Classic P 40 DIM P 4.9W 827 Frosted E14 ¹	4099854044083	40	E14	4.9	470	2700	80	82	45	Frosted	25 000	E	10	4



NON-DIMMABLE

Product name	GTIN (EAN)	W _{avg}	W	lm	K	CRI	l (mm)	d (mm)	Light bulb icon	t _h ³	Energy efficiency class ⁴	Light bulb icon	Light bulb icon	No.
LED Classic A 40 P 4.9W 827 Frosted E27 ¹	4099854049460	40	E27	4.9	470	2700	≥80	107	60	Frosted	15 000	E	10	5
LED Classic A 40 P 4.9W 840 Frosted E27 ¹	4099854049538	40	E27	4.9	470	4000	≥80	107	60	Frosted	15 000	E	10	5
LED Classic A 60 P 8.5W 827 Frosted E27 ¹	4099854049088	60	E27	8	806	2700	≥80	107	60	Frosted	15 000	E	10	5
LED Classic A 60 P 8.5W 827 Frosted B22d ¹	4099854049101	60	B22d	8	806	2700	≥80	107	60	Frosted	15 000	E	10	6
LED Classic A 60 P 8.5W 840 Frosted E27 ¹	4099854049149	60	E27	8	806	4000	≥80	107	60	Frosted	15 000	E	10	5
LED Classic A 75 P 10W 827 Frosted E27 ¹	4099854048821	75	E27	10	1055	2700	≥80	113	60	Frosted	15 000	E	10	5
LED Classic A 75 P 10W 840 Frosted E27 ¹	4099854048869	75	E27	10	1055	4000	≥80	113	60	Frosted	15 000	E	10	5
LED Classic A 100 P 13W 827 Frosted E27 ¹	4099854048944	100	E27	13	1521	2700	≥80	118	60	Frosted	15 000	E	10	5
LED Classic A 100 P 13W 840 Frosted E27 ¹	4099854048968	100	E27	13	1521	4000	≥80	118	60	Frosted	15 000	E	10	5
LED Classic A 150 P 19W 827 Frosted E27 ¹	4099854048784	150	E27	19	2452	2700	≥80	131	65	Frosted	15 000	E	10	7
LED Classic B 40 P 4.9W 827 Frosted E14 ¹	4099854049309	40	E14	4.9	470	2700	≥80	96	37	Frosted	15 000	E	10	8
LED Classic P 40 P 4.9W 827 Frosted E14 ¹	4099854049385	40	E14	4.9	470	2700	≥80	79	45	Frosted	15 000	E	10	9

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC STICK

LED lamps, classic stick shape



1



PRODUCT FEATURES

- LED alternative to conventional lamps
- Lifetime: up to 15,000 h
- Not dimmable
- Good quality of light; colour rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Attractive lamp appearance
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	W _{LED}	W _{inc}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]	Light type	t _h ³	Energy class ⁴	Quantity	Light No.
LED Classic Stick 60 P 8W 827 Frosted E27 ¹	4099854057113	60	E27	8.5	806	2700	≥80	118	37	Frosted	15 000	F	10	1
LED Classic Stick 60 P 8W 840 Frosted E27 ¹	4099854057151	60	E27	8.5	806	4000	≥80	118	37	Frosted	15 000	F	10	1
LED Classic Stick 75 P 9W 827 Frosted E27 ¹	4099854057175	75	E27	9	1 050	2700	≥80	118	37	Frosted	15 000	F	10	1
LED Classic Stick 75 P 9W 840 Frosted E27 ¹	4099854057250	75	E27	9	1 050	4000	≥80	118	37	Frosted	15 000	F	10	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR STICK

LED lamps, classic stick shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- Good quality of light; colour rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Attractive lamp appearance

AREAS OF APPLICATION

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Where the lamps need to last a long time or have to withstand frequent on/off switching
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)											
LED Star Classic Stick Flame 0.5W 515 Frosted E14 ¹	4058075389885	E14	0.5	10	1500	55	145	45	Frosted	15 000	-	4 1
LED Star Classic Stick Flame 0.5W 515 Frosted E27 ¹	4058075389908	E27	0.5	10	1500	55	147	45	Frosted	15 000	-	4 2

NOTE

These products are exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015).

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50

LED STAR CLASSIC A FOR LOW VOLTAGE

LED lamps, classic bulb shape



1



2

PRODUCT FEATURES

- LED lamp for low voltage power system (AC/DC 12V-36V)

PRODUCT BENEFITS

- Fit for off-grid use
- Lower energy consumption than incandescent or halogen lamps

AREAS OF APPLICATION

- Battery power system without main connection
- Camping, Camper, Garden house
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{LED}	W _{inc}	W	lm	K	CRI	l [mm]	d [mm]	Light	t _h ³	EEC ⁴	RoHS	No.
LED Star Classic A 45 6.5W 827 12-36V Frosted E27 ¹	4099854040368	45	E27	6.5	600	2700	80	112	60	Frosted	25 000	EF	6	1
LED Star Classic A 45 6.5W 840 12-36V Frosted E27 ¹	4058075757608	45	E27	6.5	600	4000	80	112	60	Frosted	25 000	EF	6	1
LED Star Classic A 65 9W 827 12-36V Frosted E27 ¹	4099854040467	65	E27	9	940	2700	80	112	60	Frosted	25 000	EF	6	1
LED Star Classic A 65 9W 840 12-36V Frosted E27 ¹	4058075757622	65	E27	9	940	4000	80	112	60	Frosted	25 000	EF	6	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC A MOTION & DAYLIGHT SENSOR

Special lamps with motion sensor and integrated daylight sensor, classic bulb shape



PRODUCT FEATURES

- Integrated microwave sensor can detect fine movement also through plastic and glass fixtures
- Detection range up to 3 metre and 90°
- Integrated light sensor switches the light on only when it is dark

PRODUCT BENEFITS

- Energy-saving solution thanks to motion sensor and automatic switch off at daylight
- Short payback period thanks to low energy consumption and maintenance costs
- Easy replacement of halogen lamps thanks to compact design
- Automatic light switch off 30 seconds after the last motion detection
- Illumination threshold for automatic switching: 20 lx

AREAS OF APPLICATION

- Staircases, corridor, basement, entrance
- Lamp needs to be turn on only when motion is detected and ambient is dark
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	w	ΔW	W	lm	K	CRI	l (mm)	∅ d (mm)	Light bulb icon	t(h)	Energy efficiency class	Energy efficiency class icon	Energy efficiency class icon	No.
LED Classic A 60 Filament Motion & Daylight sensor S 7.3W 827 Clear E27 ¹	4099854236792	60	E27	7.3	806	2700	80	116	60	Clear	15 000	E	E	E	1
LED Classic A 60 Motion Sensor S 8.8W 827 Frosted E27 ¹	4099854094200	60	E27	8.8	806	2700	80	112	60	Frosted	25 000	F	F	F	2
LED Classic A 75 Motion Sensor S 10W 827 Frosted E27 ¹	4099854094224	75	E27	10	1055	2700	80	112	60	Frosted	25 000	F	F	F	2

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A GLOWdim

LED lamps with GLOWdim effect



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to conventional lamps
- Dimming changes light colour from warm white (2,700 K) to extra warm white (2,200 K)
- Good quality of light; colour rendering index $R_a: \geq 80$
- Dimmable
- Mercury-free lamps

PRODUCT BENEFITS

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Clear lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Perfect for decorative installations
- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting

Product name	GTIN (EAN)	wΔW	lm	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{d}{d}$ [mm]	Light bulb icon	t[h]	Energy efficiency icon	Energy efficiency icon	No.
LED Superstar Plus Classic A 40 Filament Glow DIM 4W 822...827 E27 ¹	4058075435568	40	E27	4	470	2200...2700	80	105	60	Clear	15 000	LED icon	4	1
LED Superstar Plus Classic A 60 Filament Glow DIM 7W 822...827 E27 ¹	4058075435537	60	E27	7	806	2200...2700	80	105	60	Clear	15 000	LED icon	4	2
LED Superstar Plus Classic B 40 Filament Glow DIM 4W 822...827 E14 ¹	4058075435490	40	E14	4	470	2200...2700	80	97	35	Clear	15 000	LED icon	4	3
LED Superstar Plus Classic P 40 Filament Glow DIM 4W 822...827 E14 ¹	4058075435476	40	E14	4	470	2200...2700	80	78	45	Clear	15 000	LED icon	4	4
LED Superstar Plus Classic Globe 125 60 Filament Glow DIM 7W 822...827 E27 ¹	4058075808942	60	E27	7	806	2200...2700	80	173	124	Clear	15 000	LED icon	4	5
LED PAR16 50 36° GlowDim S 4.5W 827 GU10 ¹	4099854071430	50	GU10	4.5	350	1800...2700	80	54	50	–	25 000	LED icon	10	6
LED AR111 50 24° GlowDim S 7.2W 927 G53 ¹	4099854048562	50	G53	7.2	450	1800...2700	90	55	110.7	–	40 000	LED icon	6	7
LED AR111 50 40° GlowDim S 7.2W 927 G53 ¹	4099854048920	50	G53	7.2	450	1800...2700	90	55	110.7	–	40 000	LED icon	6	7

¹ Dimmable (with many common dimmers, see also www.ledvance.com/dim). All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4099854071430, 4099854048562, 4099854048920 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED RELAX and ACTIVE CLASSIC A/B/P

LED lamps, classic bulb, mini-bulb and candle shape



1 2 3



PRODUCT FEATURES

- Provides colour temperatures of 2,700 K and 4,000 K in the same lamp
- Controllable via standard wall switch
- Good quality of light; colour rendering index $R_a \geq 80$
- Mercury-free lamps

PRODUCT BENEFITS

- Creates individual atmospheres: Warm White to relax, Cool White for activity
- Easy change of colour temperature with double click of wall switch
- Always fitting light due to two light colours in one lamp: Warm White and Cool White
- Supports the biorhythm through activating and relaxing light colour
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Supports the biorhythm when used in bed and children's room
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	w Δ w	Σ	W	lm	K	CRI	$\frac{l}{d}$ (mm)	\varnothing d (mm)	Light bulb icon	t(h) ³	Energy efficiency class ⁴	Number of lamps ⁵	No.
LED Superstar Plus Classic A 60 Filament Active/Relax 7W 827/840 E27 ¹	4058075434820	60	E27	7	806	2700 K/4000	80	105	60	Clear	15 000	B	4	1
LED Superstar Plus Classic B 40 Filament Active/Relax 4W 827/840 E14 ¹	4058075434783	40	E14	4	470	2700 K/4000	80	97	35	Clear	15 000	B	4	2
LED Superstar Plus Classic P 40 Filament Active/Relax 4W 827/840 E14 ¹	4058075434745	40	E14	4	470	2700 K/4000	80	78	45	Clear	15 000	B	4	3

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED RELAX, ACTIVE and SLEEP CLASSIC A/B/P

LED lamps with three light scenes in one lamp, classic bulb, mini-bulb and candle shape



PRODUCT FEATURES

- Provides three light settings in one lamp; 2700K 100% DIM - 4000K 100% DIM - 2700K 40 Lumen
- Controllable via standard wall switch

PRODUCT BENEFITS

- Offers individual atmospheres: Warm White for relaxation, Cool White for activity, Low-dimmed Warm White for sleep
- Easily changes the light set with a double click of wall switch
- Supports the biorhythm through activating and relaxing light colour
- Makes rooms multi-purpose with adjustable light atmosphere
- Lower energy consumption than incandescent or halogen lamps

AREAS OF APPLICATION

- When a room is used for multiple purposes such as a bedroom and a home office
- Supports the biorhythm when used in bed and children's room
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	wΔW	EE	W	lm	K	CRI	L [mm]	Ø d [mm]	Light	t [h]	IP	Box	No.
LED Superstar classic A 40 Relax/Active/Sleep 4.9W 827/840 Frosted E27 3x click ¹	4099854240966	40	E27	4.9	470	2700...4000	80	108	60	Frosted	25 000	IP	6	1
LED Superstar classic A 60 Relax/Active/Sleep 8.8W 827/840 Frosted E27 3x click ¹	4099854240683	60	E27	8.8	806	2700...4000	80	108	60	Frosted	25 000	IP	6	1
LED Superstar classic B 40 Relax/Active/Sleep 4.9W 827/840 Frosted E14 3x click ¹	4099854240447	40	E14	4.9	470	2700...4000	80	107	37	Frosted	25 000	IP	6	2
LED Superstar classic P 40 Relax/Active/Sleep 4.9W 827/840 Frosted E14 3x click ¹	4099854240720	40	E14	4.9	470	2700...4000	80	92	47	Frosted	25 000	IP	6	3

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED THREE STEP DIM CLASSIC A/B/P/PAR16/PIN G9

LED lamps with three-step dimming



PRODUCT FEATURES

- Dimmable in three steps: 100 %, 45 % and 15 %
- Controllable via standard wall switch
- Good quality of light; colour rendering index $R_a \geq 80$
- Mercury-free lamps

PRODUCT BENEFITS

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation, no dimmer required
- Lower energy consumption than incandescent or halogen lamps
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	W _{max}	W	lm	K	CRI	$\frac{l}{d}$ (mm)	ϕ (mm)	Light type	t _h	Energy efficiency class	Guarantee	No.
LED Superstar Plus Classic A 60 Filament 7W 827 E27 3step DIM ¹	4058075436787	60	E27	7	806	2700	80	105	60	Clear	15 000	4	1
LED Superstar Plus Classic B 40 Filament 4W 827 E14 3step DIM ¹	4058075434462	40	E14	4	470	2700	80	97	35	Clear	15 000	4	2
LED Superstar Plus Classic P 40 Filament 4W 827 E14 3step DIM ¹	4058075434448	40	E14	4	470	2700	80	78	45	Clear	15 000	4	3
LED Star PAR 16 50 36° 3.7W 827 GU10 3step DIM ¹	4058075433182	50	GU10	3.7	350	2700	80	54	50	–	15 000	4	4
LED Star PIN 40 320° 4W 827 G9 3step DIM ¹	4058075432277	40	G9	4	470	2700	80	59	18	Clear	25 000	4	5

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ² 4058075433182 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC A DAYLIGHT SENSOR

Special lamps with daylight sensor, classic bulb shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good quality of light; colour rendering index $R_a: \geq 80$; constant chromaticity
- The integrated light sensor detects daylight level every 10 minutes and turns on/off automatically

PRODUCT BENEFITS

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solutions thanks to automatic switch off at daylight (> 20 lux)
- Safety through automatic switch-on at darkness
- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Wherever constant lighting is necessary at night
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	w Δ W	Σ	W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\frac{d}{d}$ (mm)	Light bulb icon	t(h) ³	Energy efficiency class ⁴	Box icon	No.
LED Classic A 40 Filament Daylight Sensor S 4.9W 827 Clear E27 ¹	4099854048197	40	E27	4.9	470	2700	80	106	60	Clear	15 000		10	1
LED Classic A 60 Filament Daylight Sensor S 7.3W 827 Clear E27 ¹	4099854048210	60	E27	7.3	806	2700	80	106	60	Clear	15 000		10	1
LED Classic A 60 Daylight Sensor S 8.8W 827 Frosted E27 ¹	4099854043956	60	E27	8.8	806	2700	80	108	60	Frosted	25 000		10	2

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED RETROFIT RGBW LAMPS with REMOTE CONTROL

LED RGBW lamps with remote control



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Lifetime: up to 25,000 h
- Allows for control of colours, saturation and dimming levels
- Wide range of controllable light colours including white
- Four dynamic effects: Flash, Strobe, Smooth, Mode
- Dimmable via remote control

PRODUCT BENEFITS

- Easy installation
- Lower energy consumption than incandescent or halogen lamps
- Individual control
- No app or smartphone required to control the lamp
- Comfortable and intuitive infrared remote control

AREAS OF APPLICATION

- Domestic applications
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	W _{max}	Base	W	lm	K	CRI	$\frac{l}{d}$ (mm)	ϕ d (mm)	Light type	t _h ³	Energy efficiency class ⁴	Quantity	No.
LED Superstar Classic A 60 RGBW Remote Control 9.4W 827 Frosted E27 ¹	4058075430754	60	E27	9.4	806	2700	80	108	60	Frosted	25 000	E	4	1
LED Superstar Classic B 40 RGBW Remote Control 4.9W 827 Frosted E14 ¹	4058075430853	40	E14	4.9	470	2700	80	107	37	Frosted	25 000	E	4	2
LED Superstar PAR16 25 120° RGBW Remote Control 2.9W 827 Frosted GU10 ¹	4058075445970	25	GU10	2.9	250	2700	80	56	50	Frosted	25 000	E	4	3

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR DÉCOR CLASSIC A

Coloured LED lamps, classic bulb shape, with retrofit screw base



Product name	GTIN (EAN)	W _Δ W	⚡	W	lm	K	CRI	L [mm]	∅ d [mm]	Light	t [h] ³	Energy class ⁴	Boxes	No.
LED Star Classic A 4 Decor 2.5W 190 Blue E27 ¹	4058075434004	4	E27	2.5	10	9000	10	105	60	Blue	15 000		6	1
LED Star Classic A 15 Decor 2.5W 510 Red E27 ¹	4058075433946	7	E27	2.5	45	1000	≥55	105	60	Red	15 000		6	2
LED Star Classic A 15 Decor 2.5W 175 Green E27 ¹	4058075433984	7	E27	2.5	45	7500	≥15	105	60	Green	15 000		6	3
LED Star Classic A 15 Decor 2.5W 515 Orange E27 ¹	4058075433960	17	E27	2.5	160	1500	≥50	105	60	Orange	15 000		6	4
LED Star Classic A 15 Decor 2.5W 622 Yellow E27 ¹	4058075433922	23	E27	2.5	235	2200	≥60	105	60	Yellow	15 000		6	5

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR16 DIM

Dimmable LED reflector lamps with CRI 97



Compatibility list also online:
ledvance.com/compatibility



Product name	GTIN (EAN)	WΔW	⚡	W	lm	cd	K	CRI	∠°	∅ d (mm)	t[h] ³	Ⓛ ⁴	📦	💡 No.
LED PAR16 35 36° DIM S 3.4W 927 GU10 ¹	4099854059810	35	GU10	3.4	230	400	2700	97	36	50	40 000	📁	10	1
LED PAR16 35 36° DIM S 3.4W 930 GU10 ¹	4099854059834	35	GU10	3.4	230	400	3000	97	36	50	40 000	📁	10	1
LED PAR16 35 36° DIM S 3.4W 940 GU10 ¹	4099854059858	35	GU10	3.4	230	400	4000	97	36	50	40 000	📁	10	1
LED PAR16 50 36° DIM S 6W 927 GU10 ¹	4099854058998	50	GU10	6	350	700	2700	97	36	50	40 000	📁	10	1
LED PAR16 50 36° DIM S 6W 930 GU10 ¹	4099854059032	50	GU10	6	350	700	3000	97	36	50	40 000	📁	10	1
LED PAR16 50 36° DIM S 6W 940 GU10 ¹	4099854059070	50	GU10	6	350	700	4000	97	36	50	40 000	📁	10	1
LED PAR16 80 36° DIM S 8.3W 927 GU10 ¹	4099854235207	80	GU10	8.3	575	840	2700	97	36	50	40 000	📁	10	2
LED PAR16 80 36° DIM S 8.3W 930 GU10 ¹	4099854235221	80	GU10	8.3	575	840	3000	97	36	50	40 000	📁	10	2
LED PAR16 80 36° DIM S 8.3W 940 GU10 ¹	4099854235245	80	GU10	8.3	575	840	4000	97	36	50	40 000	📁	10	2

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR16 DIM

Dimmable LED reflector lamps PAR16 with retrofit pin base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



Product name	GTIN (EAN)	W&W	⚡	W	lm	cd	K	CRI	∠	∅ d (mm)	t (h)	📄	📦	💡 No.	
LED PAR16 50 36° DIM P 4.8W 927 E14 ¹	4099854071393	50	E14	4.8	350	600	2700	90	36	50	25 000	📄	📦	10	1
LED PAR16 35 36° DIM P 3.4W 927 GU10 ¹	4099854059872	35	GU10	3.4	230	400	2700	90	36	50	25 000	📄	📦	10	2
LED PAR16 35 36° DIM P 3.4W 930 GU10 ¹	4099854059896	35	GU10	3.4	230	400	3000	90	36	50	25 000	📄	📦	10	2
LED PAR16 35 36° DIM P 3.4W 940 GU10 ¹	4099854059919	35	GU10	3.4	230	400	4000	90	36	50	25 000	📄	📦	10	2
LED PAR16 50 36° DIM P 4.5W 927 GU10 ¹	4099854044984	50	GU10	4.5	350	600	2700	90	36	50	25 000	📄	📦	10	3
LED PAR16 50 36° DIM P 4.5W 927 GU10 ¹	4099854044908	50	GU10	4.5	350	600	2700	90	36	50	15 000	📄	📦	50	3
LED PAR16 50 36° DIM P 4.5W 930 GU10 ¹	4099854045462	50	GU10	4.5	350	600	3000	90	36	50	25 000	📄	📦	10	3
LED PAR16 50 36° DIM P 4.5W 930 GU10 ¹	4099854045448	50	GU10	4.5	350	600	3000	90	36	50	15 000	📄	📦	50	3
LED PAR16 50 36° DIM P 4.5W 940 GU10 ¹	4099854045509	50	GU10	4.5	350	600	4000	90	36	50	25 000	📄	📦	10	3
LED PAR16 50 36° DIM P 4.5W 940 GU10 ¹	4099854045486	50	GU10	4.5	350	600	4000	90	36	50	15 000	📄	📦	50	3
LED PAR16 80 36° DIM P 7W 927 GU10 ¹	4099854234866	80	GU10	7	575	840	2700	90	36	50	25 000	📄	📦	10	2
LED PAR16 80 36° DIM P 7W 930 GU10 ¹	4099854234880	80	GU10	7	575	840	3000	90	36	50	25 000	📄	📦	10	2
LED PAR16 80 36° DIM P 7W 940 GU10 ¹	4099854234903	80	GU10	7	575	840	4000	90	36	50	25 000	📄	📦	10	2
LED PAR16 80 60° DIM P 7W 927 GU10 ¹	4099854241734	80	GU10	7	575	560	2700	90	60	50	25 000	📄	📦	10	2
LED PAR16 80 60° DIM P 7W 930 GU10 ¹	4099854241789	80	GU10	7	575	560	3000	90	60	50	25 000	📄	📦	10	2
LED PAR16 80 60° DIM P 7W 940 GU10 ¹	4099854241857	80	GU10	7	575	560	4000	90	60	50	25 000	📄	📦	10	2
LED PAR16 80 120° DIM P 7W 927 GU10 ¹	4099854241901	51	GU10	7	650	240	2700	90	120	50	25 000	📄	📦	10	4
LED PAR16 80 120° DIM P 7W 930 GU10 ¹	4099854241932	51	GU10	7	650	240	3000	90	120	50	25 000	📄	📦	10	4
LED PAR16 80 120° DIM P 7W 940 GU10 ¹	4099854241956	51	GU10	7	650	240	4000	90	120	50	25 000	📄	📦	10	4
LED PAR16 100 36° DIM P 8W 827 GU10 ¹	4099854234927	100	GU10	8	750	960	2700	80	36	50	25 000	📄	📦	10	5
LED PAR16 100 36° DIM P 8W 830 GU10 ¹	4099854234941	100	GU10	8	750	960	3000	80	36	50	25 000	📄	📦	10	5
LED PAR16 100 36° DIM P 7W 840 GU10 ¹	4099854234965	100	GU10	7	750	960	4000	80	36	50	25 000	📄	📦	10	2

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4099854234927, 4099854234941, 4099854234965 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR16

LED reflector lamps PAR16 with retrofit pin base



Product name	GTIN (EAN)	W _{LED}	Base	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t (h)	Energy efficiency class	Value class	Light No.
LED PAR16 50 36° P 4.5W 827 E14 ¹	4099854071379	50	E14	4.5	350	600	2700	80	36	50	10000	F	10	1
LED PAR16 35 36° P 2.6W 827 GU10 ¹	4099854044687	35	GU10	2.6	230	400	2700	80	36	50	15000	F	10	2
LED PAR16 35 36° P 2.6W 830 GU10 ¹	4099854044731	35	GU10	2.6	230	400	3000	80	36	50	15000	F	10	2
LED PAR16 35 36° P 2.6W 840 GU10 ¹	4099854044755	35	GU10	2.6	230	400	4000	80	36	50	15000	F	10	2
LED PAR16 50 36° P 4.3W 827 GU10 ¹	4099854045660	50	GU10	4.3	350	600	2700	80	36	50	15000	F	10	2
LED PAR16 50 36° P 4.3W 827 GU10 ¹	4099854045752	50	GU10	4.3	350	600	2700	80	36	50	10000	F	50	2
LED PAR16 50 36° P 4.3W 830 GU10 ¹	4099854067891	50	GU10	4.3	350	600	3000	80	36	50	15000	F	10	2
LED PAR16 50 36° P 4.3W 830 GU10 ¹	4099854068119	50	GU10	4.3	350	600	3000	80	36	50	10000	F	50	2
LED PAR16 50 36° P 4.3W 840 GU10 ¹	4099854068010	50	GU10	4.3	350	600	4000	80	36	50	15000	F	10	2
LED PAR16 50 36° P 4.3W 840 GU10 ¹	4099854068133	50	GU10	4.3	350	600	4000	80	36	50	10000	F	50	2
LED PAR16 50 120° P 4.3W 827 GU10 ¹	4099854045165	32	GU10	4.3	350	100	2700	80	120	50	15000	F	10	2
LED PAR16 50 120° P 4.3W 830 GU10 ¹	4099854045189	32	GU10	4.3	350	100	3000	80	120	50	15000	F	10	2
LED PAR16 50 120° P 4.3W 840 GU10 ¹	4099854045588	32	GU10	4.3	350	100	4000	80	120	50	15000	F	10	2
LED PAR16 80 36° P 6.9W 827 GU10 ¹	4099854054785	80	GU10	6.9	575	860	2700	80	36	50	15000	F	10	3
LED PAR16 80 36° P 6.9W 830 GU10 ¹	4099854054808	80	GU10	6.9	575	860	3000	80	36	50	15000	F	10	3
LED PAR16 80 36° P 6.9W 840 GU10 ¹	4099854054860	80	GU10	6.9	575	910	4000	80	36	50	15000	F	10	3
LED PAR16 80 60° P 6.9W 827 GU10 ¹	4099854055928	80	GU10	6.9	575	700	2700	80	60	50	15000	F	10	3
LED PAR16 80 60° P 6.9W 830 GU10 ¹	4099854054891	80	GU10	6.9	575	700	3000	80	60	50	15000	F	10	3
LED PAR16 80 60° P 6.9W 840 GU10 ¹	4099854054976	80	GU10	6.9	575	750	4000	80	60	50	15000	F	10	3
LED PAR16 80 120° P 6.9W 827 GU10 ¹	4099854055034	49	GU10	6.9	620	160	2700	80	120	50	15000	F	10	4
LED PAR16 80 120° P 6.9W 830 GU10 ¹	4099854055058	49	GU10	6.9	620	160	3000	80	120	50	15000	F	10	4
LED PAR16 80 120° P 6.9W 840 GU10 ¹	4099854055133	49	GU10	6.9	620	170	4000	80	120	50	15000	F	10	4
LED PAR16 100 36° P 8W 827 GU10 ¹	4099854234989	100	GU10	8	750	960	2700	80	36	50	15000	F	10	5
LED PAR16 100 36° P 8W 830 GU10 ¹	4099854235009	100	GU10	8	750	960	3000	80	36	50	15000	F	10	5
LED PAR16 100 36° P 7W 840 GU10 ¹	4099854235023	100	GU10	7	750	960	4000	80	36	50	15000	F	10	6

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4099854044687, 4099854044731, 4099854044755, 4099854045660, 4099854045752, 4099854067891, 4099854068010, 4099854045165, 4099854045189, 4099854045588, 4099854055928, 4099854055058, 4099854055133, 4099854234989, 4099854235009, 4099854235023 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR16

LED reflector lamps PAR16 with retrofit pin base



Product name	GTIN (EAN)	W ^Δ W	⚡	W	lm	cd	K	CRI	∠°	∅ d (mm)	t [h] ³	Ⓜ ⁴	📦	💡 No.
LED PAR16 35 36° V 2.6W 827 GU10 ¹	4099854044649	35	GU10	2.6	230	400	2700	80	36	50	10000	▶	10	1
LED PAR16 50 36° V 4.3W 827 GU10 ¹	4099854045646	50	GU10	4.3	350	600	2700	80	36	50	10000	▶	10	1
LED PAR16 50 36° V 4.3W 830 GU10 ¹	4099854067914	50	GU10	4.3	350	600	3000	80	36	50	10000	▶	10	1
LED PAR16 50 36° V 4.3W 840 GU10 ¹	4099854067976	50	GU10	4.3	350	600	4000	80	36	50	10000	▶	10	1
LED PAR16 50 36° V 4.3W 865 GU10 ¹	4099854045080	50	GU10	4.3	350	600	6500	80	36	50	10000	▶	10	1
LED PAR16 80 36° V 6.9W 830 GU10 ¹	4099854054822	80	GU10	6.9	575	860	3000	80	36	50	10000	▶	10	2
LED PAR16 80 36° V 6.9W 840 GU10 ¹	4099854055331	80	GU10	6.9	575	910	4000	80	36	50	10000	▶	10	2
LED PAR16 80 36° V 6.9W 865 GU10 ¹	4099854055379	80	GU10	6.9	575	910	6500	80	36	50	10000	▶	10	2
LED PAR16 80 60° V 6.9W 830 GU10 ¹	4099854054938	80	GU10	6.9	575	700	3000	80	60	50	10000	▶	10	2
LED PAR16 80 60° V 6.9W 840 GU10 ¹	4099854054990	80	GU10	6.9	575	750	4000	80	60	50	10000	▶	10	2
LED PAR16 80 120° V 6.9W 830 GU10 ¹	4099854055096	49	GU10	6.9	620	160	3000	80	120	50	10000	▶	10	3
LED PAR16 80 120° V 6.9W 840 GU10 ¹	4099854055157	49	GU10	6.9	620	170	4000	80	120	50	10000	▶	10	3
LED PAR16 80 120° V 6.9W 865 GU10 ¹	4099854055256	49	GU10	6.9	620	170	6500	80	120	50	10000	▶	10	3

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED MR16 DIM

SUPERIOR CLASS

Dimmable low-voltage LED reflector lamps MR16 with retrofit pin base with CRI 97



1 2

Compatibility list also online:
[ledvance.com/compatibility](https://www.ledvance.com/compatibility)LEDVANCE
5 year guarantee

Product name	GTIN (EAN)	wΔW	⚡	W	lm	cd	K	CRI	∠	∅ d (mm)	t _h ³	Ⓜ ⁴	📦	💡 No.
LED MR16 20 36° DIM S 3.6W 927 GU5.3 ¹	4099854070501	20	GU5.3	3.6	230	500	2700	97	36	50	40 000	🔴	10	1
LED MR16 20 36° DIM S 3.6W 930 GU5.3 ¹	4099854070525	20	GU5.3	3.6	230	500	3000	97	36	50	40 000	🔴	10	1
LED MR16 20 36° DIM S 3.6W 940 GU5.3 ¹	4099854070549	20	GU5.3	3.6	230	500	4000	97	36	50	40 000	🔴	10	1
LED MR16 35 36° DIM S 5.3W 927 GU5.3 ¹	4099854058776	35	GU5.3	5.3	345	620	2700	97	36	51	40 000	🔴	10	2
LED MR16 35 36° DIM S 5.3W 930 GU5.3 ¹	4099854058837	35	GU5.3	5.3	345	620	3000	97	36	51	40 000	🔴	10	2
LED MR16 35 36° DIM S 5.3W 940 GU5.3 ¹	4099854058929	35	GU5.3	5.3	345	620	4000	97	36	51	40 000	🔴	10	2
LED MR16 43 36° DIM S 6.6W 927 GU5.3 ¹	4099854048111	43	GU5.3	6.6	500	850	2700	97	36	50	40 000	🔴	10	1
LED MR16 43 36° DIM S 6.6W 930 GU5.3 ¹	4099854048159	43	GU5.3	6.6	500	850	3000	97	36	50	40 000	🔴	10	1
LED MR16 43 36° DIM S 6.6W 940 GU5.3 ¹	4099854048234	43	GU5.3	6.6	500	850	4000	97	36	50	40 000	🔴	10	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED MR16 DIM/NON-DIM

Dimmable and non-dimmable low-voltage LED reflector lamps MR16 with retrofit pin base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	W _{avg}	Beam	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t (h) ³	Energy efficiency class ⁴	Light No.	Guarantee
LED MR16 20 36° DIM P 3.4W 927 GU5.3 ¹	4099854070563	20	GU5.3	3.4	230	500	2700	90	36	50	25 000	F	10	1
LED MR16 20 36° DIM P 3.4W 930 GU5.3 ¹	4099854070594	20	GU5.3	3.4	230	500	3000	90	36	50	25 000	F	10	1
LED MR16 20 36° DIM P 3.4W 940 GU5.3 ¹	4099854070617	20	GU5.3	3.4	230	500	4000	90	36	50	25 000	F	10	1
LED MR16 35 36° DIM P 5W 927 GU5.3 ¹	4099854059698	35	GU5.3	5	345	700	2700	90	36	50	25 000	F	10	1
LED MR16 35 36° DIM P 5W 930 GU5.3 ¹	4099854059711	35	GU5.3	5	345	700	3000	90	36	50	25 000	F	10	1
LED MR16 35 36° DIM P 5W 940 GU5.3 ¹	4099854059735	35	GU5.3	5	345	700	4000	90	36	50	25 000	F	10	1
LED MR16 50 36° DIM P 6.8W 927 GU5.3 ¹	4099854234705	50	GU5.3	6.8	621	800	2700	90	36	50	25 000	F	10	2
LED MR16 50 36° DIM P 6.8W 930 GU5.3 ¹	4099854234729	50	GU5.3	6.8	621	800	3000	90	36	50	25 000	F	10	2
LED MR16 50 36° DIM P 6.8W 940 GU5.3 ¹	4099854234743	50	GU5.3	6.8	621	800	4000	90	36	50	25 000	F	10	2



NON-DIMMABLE

Product name	GTIN (EAN)	W _{avg}	Beam	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t (h) ³	Energy efficiency class ⁴	Light No.	Guarantee
LED MR16 20 36° P 2.1W 827 GU5.3 ¹	4099854235092	20	GU5.3	2.1	210	520	2700	80	36	50	15 000	F	10	2
LED MR16 20 36° P 2.1W 830 GU5.3 ¹	4099854235115	20	GU5.3	2.1	210	520	3000	80	36	50	15 000	F	10	2
LED MR16 20 36° P 2.1W 840 GU5.3 ¹	4099854235139	20	GU5.3	2.1	210	520	4000	80	36	50	15 000	F	10	2
LED MR16 20 120° P 2.1W 827 GU5.3 ¹	4099854235184	20	GU5.3	2.1	210	125	2700	80	120	50	15 000	F	10	2
LED MR16 35 36° P 3.8W 827 GU5.3 ¹	4099854068058	35	GU5.3	3.8	345	700	2700	80	36	50	15 000	F	10	1
LED MR16 35 36° P 3.8W 830 GU5.3 ¹	4099854068072	35	GU5.3	3.8	345	700	3000	80	36	50	15 000	F	10	1
LED MR16 35 36° P 3.8W 840 GU5.3 ¹	4099854068096	35	GU5.3	3.8	345	700	4000	80	36	50	15 000	F	10	1
LED MR16 35 120° P 4.3W/827 GU5.3 ¹	4099854103568	35	GU5.3	4.3	396	125	2700	80	120	50	15 000	F	10	3
LED MR16 50 36° P 6.5W 827 GU5.3 ¹	4099854047817	50	GU5.3	6.5	621	1150	2700	80	36	50	15 000	F	10	1
LED MR16 50 36° P 6.5W 830 GU5.3 ¹	4099854047992	50	GU5.3	6.5	621	1150	3000	80	36	50	15 000	F	10	1
LED MR16 50 36° P 6.3W 840 GU5.3 ¹	4099854048036	50	GU5.3	6.5	621	1150	4000	80	36	50	15 000	F	10	1
LED MR16 50 120° P 6.5W/827 GU5.3 ¹	4099854103582	50	GU5.3	6.5	630	210	2700	80	120	50	15 000	F	10	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED MR11 DIM/NON-DIM

Dimmable and non-dimmable low-voltage LED reflector lamps MR11 with retrofit pin base, natural daylight



1



Compatibility list also online: ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	wΔW	Beam	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t(h)	Energy efficiency	Energy class	Light No.
LED MR11 20 36° DIM P 2.8W 927 GU4 ¹	4099854050206	20	GU4	2.8	184	350	2700	90	36	35	25 000		10	1
LED MR11 35 36° DIM P 4.5W 927 GU4 ¹	4099854050268	35	GU4	4.5	345	500	2700	90	36	35	25 000		10	1



NON-DIMMABLE

Product name	GTIN (EAN)	wΔW	Beam	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t(h)	Energy efficiency	Energy class	Light No.
LED MR11 20 36° P 1.8W 827 GU4 ¹	4099854235320	20	GU4	1.8	184	400	2700	80	36	35	15 000		10	1
LED MR11 20 36° P 1.8W 840 GU4 ¹	4099854246371	20	GU4	1.8	184	400	4000	80	36	35	15 000		10	1
LED MR11 35 36° P 4.2W 827 GU4 ¹	4099854050329	35	GU4	4.2	345	700	2700	80	36	35	15 000		10	1
LED MR11 35 36° P 4.2W 840 GU4 ¹	4099854050350	35	GU4	4.2	345	700	4000	80	36	35	15 000		10	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR 20/30/38 DIM/NON-DIM

Dimmable and non-dimmable LED reflector lamps with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	W _Δ W	⚡	W	lm	cd	K	CRI	∠°	∅ d (mm)	t _h ³	Ⓜ ⁴	📦	💡 No.
LED PAR20 50 36° DIM P 6.4W 927 E27 ¹	4099854071133	50	E27	6.4	350	750	2700	90	36	65	25 000	🔴	6	1
LED PAR30 75 36° DIM P 10W 927 E27 ¹	4099854071195	75	E27	10	633	1500	2700	90	36	95	25 000	🔴	6	2
LED PAR38 120 30° DIM P 15.2W 927 E27 ¹	4099854071270	120	E27	15.2	1035	2800	2700	90	30	122	25 000	🔴	6	3



NON-DIMMABLE

Product name	GTIN (EAN)	W _Δ W	⚡	W	lm	cd	K	CRI	∠°	∅ d (mm)	t _h ³	Ⓜ ⁴	📦	💡 No.
LED PAR38 120 15° P 13.5W 827 E27 ¹	4099854067808	120	E27	13.5	1035	6800	2700	80	15	122	25 000	🔴	6	4
LED PAR38 120 30° P 13.5W 827 E27 ¹	4099854067822	120	E27	13.5	1035	2600	2700	80	30	122	25 000	🔴	6	4

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED AR111 DIM

Low-voltage LED reflector lamps AR111 with retrofit pin base

SUPERIOR
CLASS



1



Compatibility list also online:
ledvance.com/compatibility



Product name	GTIN (EAN)	wΔW	⚡	W	lm	cd	K	CRI	∠°	∅ d (mm)	t [h] ³	Ⓜ ⁴	📦	💡 No.
LED AR111 50 24° DIM S 7.4W 927 G53 ¹	4099854048524	50	G53	7.4	450	1800	2700	97	24	110.7	40000	🔴	6	1
LED AR111 50 40° DIM S 7.4W 927 G53 ¹	4099854048708	50	G53	7.4	450	1000	2700	97	40	110.7	40000	🔴	6	1
LED AR111 50 24° DIM S 7.4W 930 G53 ¹	4099854048548	50	G53	7.4	450	1800	3000	97	24	110.7	40000	🔴	6	1
LED AR111 50 40° DIM S 7.4W 930 G53 ¹	4099854048845	50	G53	7.4	450	1000	3000	97	40	110.7	40000	🔴	6	1
LED AR111 75 24° DIM S 11.7W 927 G53 ¹	4099854048982	75	G53	11.7	800	2800	2700	97	24	110.7	40000	🔴	6	1
LED AR111 75 40° DIM S 11.7W 927 G53 ¹	4099854049125	75	G53	11.7	800	1600	2700	97	40	110.7	40000	🔴	6	1
LED AR111 75 24° DIM S 11.7W 930 G53 ¹	4099854049040	75	G53	11.7	800	2800	3000	97	24	110.7	40000	🔴	6	1
LED AR111 75 40° DIM S 11.7W 930 G53 ¹	4099854049163	75	G53	11.7	800	1600	3000	97	40	110.7	40000	🔴	6	1
LED AR111 75 24° DIM S 11.7W 940 G53 ¹	4099854049064	75	G53	11.7	800	2800	4000	97	24	110.7	40000	🔴	6	1
LED AR111 100 24° DIM S 13.5W 927 G53 ¹	4099854070655	100	G53	13.5	950	2500	2700	97	24	111	40000	🔴	6	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED R39/R50/R63/R80 DIM/NON-DIM

Dimmable and non-dimmable LED reflector lamps with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	W _{avg}	Base	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _h	Life span	Energy efficiency	Light No.
LED R50 60 36° DIM P 5.9W 927 E14 ¹	4099854058608	60	E14	5.9	350	607	2700	90	36	50	25 000	10	1	
LED R63 60 36° DIM P 4.9W 927 E27 ¹	4099854047954	60	E27	4.9	345	550	2700	90	36	63	25 000	10	2	
LED R80 60 36° DIM P 4.9W 927 E27 ¹	4099854051234	60	E27	4.9	345	550	2700	90	36	80	25 000	10	3	
LED R80 100 36° DIM P 8.5W 827 E27 ¹	4099854051258	100	E27	8.5	670	1000	2700	80	36	80	25 000	10	3	



NON-DIMMABLE

Product name	GTIN (EAN)	W _{avg}	Base	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _h	Life span	Energy efficiency	Light No.
LED Star R39 25 36° 1.5W 827 E14 ¹	4058075433243	25	E14	1.5	110	560	2700	80	70	39	15 000	6	4	
LED R50 25 36° P 1.5W 827 E14 ¹	4099854058639	25	E14	1.5	110	248	2700	80	36	50	15 000	10	1	
LED R50 40 36° P 2.6W 827 E14 ¹	4099854058660	40	E14	2.6	210	398	2700	80	36	50	15 000	10	1	
LED R50 60 36° P 4.3W 827 E14 ¹	4099854058714	60	E14	4.3	350	582	2700	80	36	50	15 000	10	1	
LED R63 40 36° P 2.9W 827 E27 ¹	4099854048012	40	E27	2.9	210	430	2700	80	36	63	15 000	10	2	
LED R63 60 36° P 4.8W 827 E27 ¹	4099854048371	60	E27	4.8	350	650	2700	80	36	63	15 000	10	2	
LED R80 60 36° P 4.8W 827 E27 ¹	4099854050091	60	E27	4.8	350	650	2700	80	36	80	15 000	10	3	
LED R80 100 36° P 8.5W 827 E27 ¹	4099854050114	100	E27	8.5	670	1000	2700	80	36	80	15 000	10	3	

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR GX53

Flat LED Lamp with GX53 socket



1



Product name	GTIN (EAN)	WΔW	Socket	W	lm	K	CRI	L (mm)	∅ d (mm)	Beam angle	t[h] ³	Energy efficiency class ⁴	Quantity	No.
LED Star GX53 40 120° 4.9W 827 Frosted GX53 ¹	4058075433441	40	GX53	4.9	470	2700	80	28	75	120	15 000	B	6	1
LED Star GX53 40 120° 4.9W 840 Frosted GX53 ¹	4058075433465	40	GX53	4.9	470	4000	80	28	75	120	15 000	B	6	1

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SPECIAL T26 DIM/NON-DIM

Dimmable and non-dimmable small special LED lamps with E14 screw base



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	wΔW		W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\varnothing d$ (mm)	α°	t(h) ³	⁴		 No.
LED Special T26 25 300° Filament DIM 2.8W 827 Clear E14 ¹	4099854247279	25	E14	2.8	250	2700	80	63	26	300	15 000		6	1
LED Special T26 40 300° Filament DIM 4.8W 827 Clear E14 ¹	4099854247309	40	E14	4.8	470	2700	80	80	25	300	15 000		6	2
LED Special T26 55 300° Filament DIM 6.5W 827 Clear E14 ¹	4099854247330	55	E14	6.5	730	2700	80	80	25	300	15 000		6	2



NON-DIMMABLE

Product name	GTIN (EAN)	wΔW		W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\varnothing d$ (mm)	α°	t(h) ³	⁴		 No.
LED Special T26 5 300° Filament 1W 824 Clear E14 ¹	4058075432819	5	E14	1	70	2400	80	65	26	300	15 000		6	3
LED Special T26 55 300° Filament 4.9W 827 Clear E14 ¹	4058075432963	55	E14	4.9	730	2700	80	83	25	300	15 000		6	4
LED Special T26 55 300° Filament 4.9W 840 Clear E14 ¹	4099854151057	55	E14	4.9	730	4000	80	83	25	300	15 000		6	4

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SPECIAL T26

Special LED lamps for refrigerators



230V

LEDVANCE
4 year
guarantee²

Product name	GTIN (EAN)	w	W	lm	K	CRI	l [mm]	d [mm]	°	t _h ³	4	5	No.	
LED Special T26 10 300° Filament P 1.3W 827 Clear E14 ¹	4099854066108	10	E14	1.3	110	2700	80	65	26	300	15000		20	1
LED Special T26 20 200° P 2.3W 827 Frosted E14 ¹	4099854066993	20	E14	2.3	200	2700	80	58	25	200	15000		20	2
LED Special T26 20 200° P 2.3W 865 Frosted E14 ¹	4099854067020	20	E14	2.3	200	6500	80	58	25	200	15000		20	2
LED Special T26 25 300° Filament P 2.8W 827 Clear E14 ¹	4099854066320	25	E14	2.8	250	2700	80	65	26	300	15000		20	3
LED Special T26 25 300° Filament P 2.8W 865 Clear E14 ¹	4099854066498	25	E14	2.8	250	6500	80	65	26	300	15000		20	3
LED Special T26 40 300° Filament P 4.2W 827 Clear E14 ¹	4099854066665	40	E14	4.2	470	2700	80	83	25	300	15000		20	4

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED SPECIAL T SLIM DIM/NON-DIM

Dimmable and non-dimmable slim LED lamps



Compatibility list also online:
ledvance.com/compatibility



DIMMABLE

Product name	GTIN (EAN)	W _Δ W	Beam	W	lm	K	CRI	L [mm]	∅ d [mm]	∠°	t [h] ³	EE ⁴	Energy	Light No.
LED T Slim 60 320° DIM P 6.5W 827 Clear E14 ¹	4099854267222	60	E14	6.5	806	2700	80	82	20	320	15 000	EE	10	1
LED T Slim 60 320° DIM P 6.5W 827 Clear GU10 ¹	4099854267321	60	GU10	6.5	806	2700	80	72	20	320	15 000	EE	10	2
LED T Slim 60 320° DIM P 7W 827 Clear E27 ¹	4099854267277	60	E27	7	806	2700	80	80	32	320	15 000	EE	10	3
LED T Slim 75 320° DIM P 8W 827 Clear B15d ¹	4099854267178	75	B15d	8	1 055	2700	80	90	18	320	15 000	EE	4	4

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.



NON-DIMMABLE

Product name	GTIN (EAN)	W _Δ W	Beam	W	lm	K	CRI	L [mm]	∅ d [mm]	∠°	t [h] ³	EE ⁴	Energy	Light No.
LED T Slim 60 320° P 6.5W 827 Clear B15d ¹	4099854267123	60	B15d	6.5	806	2700	80	80	18	320	15 000	EE	4	5

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PIN 12 V DIM/NON-DIM

Dimmable and non-dimmable low-voltage 12 V LED lamps with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



LED PIN 12 V DIM

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	CRI	$\frac{l}{d}$ (mm)	∅ d (mm)	∠°	t(h) ³	EE ⁴	⊞	Light No.
LED PIN 20 320° DIM P 2W 827 Clear G4 ¹	4099854248542	20	G4	2	200	2700	80	38	14	320	25 000	EE	20	1
LED PIN 20 320° DIM 2W 840 Clear G4 ¹	4099854154317	20	G4	2	200	4000	80	40	15	320	25 000	EE	6	2
LED PIN 40 320° DIM P 3.8W 827 Clear GY6.35 ¹	4099854248573	40	GY6.35	3.8	470	2700	80	46	17	320	20 000	EE	20	3



LED PIN 12 V

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	CRI	$\frac{l}{d}$ (mm)	∅ d (mm)	∠°	t(h) ³	EE ⁴	⊞	Light No.
LED PIN 10 320° P 0.9W 827 Clear G4 ¹	4099854064722	10	G4	0.9	100	2700	≥80	33	12	320	15 000	EE	20	4
LED PIN 20 320° P 1.5W 827 Clear G4 ¹	4099854248603	20	G4	1.5	200	2700	80	33	12	320	15 000	EE	20	5
LED PIN 28 320° P 2.2W 827 Clear G4 ¹	4099854248726	28	G4	2.2	300	2700	80	36	14	320	15 000	EE	20	1
LED PIN 28 320° P 2.2W 827 Clear GY6.35 ¹	4099854248665	28	GY6.35	2.2	300	2700	80	36	14	320	15 000	EE	20	6
LED PIN 40 320° P 3.3W 827 Clear GY6.35 ¹	4099854248757	40	GY6.35	3.3	470	2700	80	43	16	320	15 000	EE	20	7



LED PIN MICRO 12 V

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	CRI	$\frac{l}{d}$ (mm)	∅ d (mm)	∠°	t(h) ³	EE ⁴	⊞	Light No.
LED PIN Micro 10 320° P 1W 827 Clear G4 ¹	4099854278563	10	G4	1	100	2700	≥80	30	10	320	15 000	EE	20	8

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED BASE PIN G4 12 V + PIN G9

Special LED lamps



Compatibility list also online:
ledvance.com/compatibility



LED BASE PIN G4 12 V

Product name	GTIN (EAN)	W _Δ W	⌀	W	lm	K	CRI	l (mm)	∅ d (mm)	∠°	t _h ²	Energy efficiency class ³	RoHS	No.
LED Base PIN 10 320° 0.9W 827 Clear G4 ¹	4058075449985	10	G4	0.9	100	2700	≥80	33	12	320	10 000	E	30	1
LED Base PIN 10 320° 0.9W 827 Clear G4 ¹	4058075758001	10	G4	0.9	100	2700	≥80	33	12	320	10 000	E	50	1
LED Base PIN 20 320° 1.8W 827 Clear G4 ¹	4058075450011	20	G4	1.8	200	2700	≥80	36	14	320	10 000	E	30	2
LED Base PIN 20 320° 1.8W 827 Clear G4 ¹	4058075758025	20	G4	1.8	200	2700	≥80	36	13	320	15 000	E	50	2



LED BASE PIN G9

Product name	GTIN (EAN)	W _Δ W	⌀	W	lm	K	CRI	l (mm)	∅ d (mm)	∠°	t _h ²	Energy efficiency class ³	RoHS	No.
LED Base PIN 20 300° 1.9W 827 Clear G9 ¹	4058075450042	20	G9	1.9	200	2700	≥80	46	15	300	10 000	E	30	3
LED Base PIN 20 300° 1.9W 827 Clear G9 ¹	4058075758049	20	G9	1.9	200	2700	≥80	46	15	300	10 000	E	50	3
LED Base PIN 30 300° 2.6W 827 Clear G9 ¹	4058075450073	30	G9	2.6	320	2700	≥80	47	15	300	10 000	E	30	4
LED Base PIN 30 300° 2.6W 827 Clear G9 ¹	4058075758063	30	G9	2.6	320	2700	≥80	47	15	300	10 000	E	50	4
LED Base PIN 40 300° 4.2W 827 Clear G9 ¹	4058075758087	40	G9	4.2	470	2700	≥80	52	19	300	10 000	E	50	5

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN G9 DIM/NON-DIM

Dimmable and non-dimmable LED lamps with retrofit pin base G9

Compatibility list also online:
ledvance.com/compatibility

DIMMABLE

Product name	GTIN (EAN)	W _{avg}	Pin	W	lm	K	CRI	l [mm]	∅ d [mm]	∠°	t [h]	EEC	Energy	Light No.
LED PIN 30 300° DIM P 3W 827 Clear G9 ¹	4099854248788	30	G9	3	320	2700	80	49	18	300	25 000	E	20	1
LED PIN 40 300° DIM P 4W 827 Clear G9 ¹	4099854248818	40	G9	4	470	2700	80	52	18	300	25 000	E	20	2
LED PIN 50 320° DIM P 4.4W 827 Clear G9 ¹	4099854248849	48	G9	4.4	600	2700	80	59	18	320	25 000	E	20	3

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.



NON-DIMMABLE

Product name	GTIN (EAN)	W _{avg}	Pin	W	lm	K	CRI	l [mm]	∅ d [mm]	∠°	t [h]	EEC	Energy	Light No.
LED PIN 20 300° P 1.9W 827 Clear G9 ¹	4099854248870	20	G9	1.9	200	2700	80	43	14	300	15 000	E	20	4
LED PIN 30 300° P 2.6W 827 Clear G9 ¹	4099854248931	30	G9	2.6	320	2700	80	43	14	300	15 000	E	20	5
LED PIN 30 300° P 2.6W 840 Clear G9 ¹	4099854248900	30	G9	2.6	320	4000	80	43	14	300	15 000	E	20	5
LED PIN 40 300° P 4.2W 827 Clear G9 ¹	4099854248962	40	G9	4.2	470	2700	80	49	18	300	15 000	E	20	6
LED PIN 40 300° P 4.2W 840 Clear G9 ¹	4099854248993	40	G9	4.2	470	4000	80	49	18	300	15 000	E	20	6
LED PIN 48 320° P 4.5W 827 Clear G9 ¹	4099854249020	48	G9	4.5	600	2700	80	55	17	320	15 000	E	20	7
LED PIN 48 320° P 4.5W 840 Clear G9 ¹	4099854249051	48	G9	4.5	600	4000	80	55	17	320	15 000	E	20	7
LED PIN 60 320° P 4.9W 827 Clear G9 ¹	4058075840560	60	G9	4.9	806	2700	80	59	18	320	15 000	E	20	8
LED PIN 60 320° P 4.9W 840 Clear G9 ¹	4058075840584	60	G9	4.9	806	4000	80	59	18	320	15 000	E	20	8

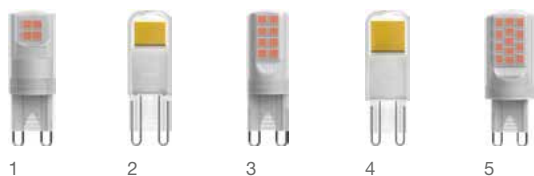
SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN G9

LED lamps with retrofit pin base G9



Product name	GTIN (EAN)	wΔW		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\varnothing d$ [mm]	Δ°	t[h] ³			
LED PIN 19 300° 1.9W 827 Frosted G9 ¹	4058075757943	19	G9	1.9	180	2700	80	46	15	300	15000		6	1
LED PIN 20 320° 1.8W 827 Clear G9 ¹	4099854247972	20	G9	1.8	200	2700	80	46	15	320	15000		6	2
LED PIN 28 300° 2.6W 827 Frosted G9 ¹	4058075757967	28	G9	2.6	290	2700	80	47	15	300	15000		6	3
LED PIN 30 320° 2.6W 827 Clear G9 ¹	4099854248009	30	G9	2.6	320	2700	80	52	17	320	15000		6	4
LED PIN 37 300° 4.2W 827 Frosted G9 ¹	4058075757981	37	G9	4.2	430	2700	80	52	19	300	15000		6	5

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED LINE R7s DIM/NON-DIM and LED SLIM LINE R7s

Dimmable and non-dimmable double-ended special LED lamps



Compatibility list also online:
ledvance.com/compatibility



LED LINE R7s DIM

Product name	GTIN (EAN)	W _Δ W	W	lm	K	CRI	L (mm)	d (mm)	α°	t _h ³	EEC ⁴	Light No.	
LED Line 78 75 300° DIM P 9.5W 827 Clear R7s ¹	4099854064906	75	R7s	9.5	1055	2700	≥80	78	28	300	25 000	20	1
LED Line 78 100 300° DIM P 12W 827 Clear R7s ¹	4099854064876	100	R7s	12	1521	2700	≥80	78	28	300	25 000	20	2
LED Line 118 125 300° DIM P 15W 827 Clear R7s ¹	4099854048753	125	R7s	15	2000	2700	80	118	28	300	25 000	20	3
LED Line 118 150 300° DIM P 18.2W 827 Clear R7s ¹	4099854048678	150	R7s	18.2	2452	2700	80	118	28	300	25 000	20	4



LED LINE R7s

Product name	GTIN (EAN)	W _Δ W	W	lm	K	CRI	L (mm)	d (mm)	α°	t _h ³	EEC ⁴	Light No.	
LED Line 78 75 330° P 8W 827 Clear R7s ¹	4099854049736	75	R7s	8	1055	2700	80	78	28	330	15 000	20	5
LED Line 78 100 300° P 11.5W 827 Clear R7s ¹	4099854049767	100	R7s	11.5	1521	2700	80	78	28	300	15 000	20	2
LED Line 118 125 300° P 15W 827 Clear R7s ¹	4099854048647	125	R7s	15	2000	2700	80	118	28	300	15 000	20	3
LED Line 118 150 300° P 18.2W 827 Clear R7s ¹	4099854048722	150	R7s	18.2	2452	2700	80	118	28	300	15 000	20	4
LED Line 118 177 300° P 20W 830 Clear R7s ¹	4099854249082	177	R7s	20	3000	3000	80	118	28	300	15 000	10	6



LED SLIM LINE R7s

Product name	GTIN (EAN)	W _Δ W	W	lm	K	CRI	L (mm)	d (mm)	α°	t _h ³	EEC ⁴	Light No.	
LED Slim Line 78 60 300° P 7W 827 Clear R7s ¹	4099854267628	60	R7s	7	806	2700	80	78	20	300	15 000	10	7
LED Slim Line 118 100 300° P 12W 827 Clear R7s ¹	4099854267680	100	R7s	12	1521	2700	≥80	118	20	300	15 000	10	8

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SLIM LINE R7s and LED LINE R7s

LED lamps with retrofit base R7s



LED SLIM LINE R7s

Product name	GTIN (EAN)	W Δ W		W	lm	K	CRI	\downarrow (mm)	\varnothing d (mm)	Δ	t _h ³			
LED Slim Line 78 40 300° 4.5W 827 Glass R7s ¹	4058075840447	40	R7s	4.5	470	2700	80	78	16	300	15 000		6	1
LED Slim Line 78 40 300° 4.5W 840 Glass R7s ¹	4058075840461	40	R7s	4.5	470	4000	80	78	16	300	15 000		6	1
LED Slim Line 118 60 300° 8W 827 Glass R7s ¹	4058075840485	60	R7s	8	806	2700	80	118	16	300	15 000		6	2
LED Slim Line 118 60 300° 8W 840 Glass R7s ¹	4058075840508	60	R7s	8	806	4000	80	118	16	300	15 000		6	2



LED LINE R7S

Product name	GTIN (EAN)	W Δ W		W	lm	K	CRI	\downarrow (mm)	\varnothing d (mm)	Δ	t _h ³			
LED Line 118 100 300° 13W 840 Clear R7s ¹	4099854022241	100	R7s	13	1521	4000	≥80	118	28	300	15 000		6	3
LED Line 118 100 300° 13W 865 Clear R7s ¹	4099854022289	100	R7s	13	1521	6500	≥80	118	28	300	15 000		6	3
LED Line 118 150 300° 19W 840 Clear R7s ¹	4099854022340	150	R7s	19	2452	4000	≥80	118	28	300	15 000		6	4
LED Line 118 150 300° 19W 865 Clear R7s ¹	4099854022364	150	R7s	19	2452	6500	≥80	118	28	300	15 000		6	4

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED LINE S15/S19 and LEDinestra® DIM HD LIGHTING

Special LED lamps with S15 and S19 base and dimmable tubular LED lamps with CRI 90



Compatibility list also online:
ledvance.com/compatibility



LED LINE S15/S19

Product name	GTIN (EAN)	wΔW		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t[h] ³	⁴		No.
LED Line 32 140° 221mm 4W 827 Frosted S15s ¹	4058075699434	32	S15s	4	350	2700	> 80	221	26	140	15 000		10	1
LED Line 57 140° 284mm 7W 827 Frosted S15s ¹	4058075699458	57	S15s	7	750	2700	> 80	284	26	140	15 000		10	2
LED Line 60 140° 310mm 9W 827 Frosted S19 ¹	4099854059674	60	S19 s	9	830	2700	≥80	310	38	140	15 000		10	3



LEDinestra® DIM HD Lighting

Product name	GTIN (EAN)	wΔW		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t[h] ³	⁴		No.
LEDinestra 30CM 27 190° DIM 3W 927 Frosted S14s ¹	4099854232831	27	S14s	3	275	2700	90	300	29	190	25 000		10	4
LEDinestra 30CM 27 190° DIM 3W 927 Frosted S14d ¹	4099854232817	27	S14d	3	275	2700	90	300	29	190	25 000		10	5
LEDinestra 50CM 40 190° DIM 4.7W 927 Frosted S14s ¹	4099854232879	40	S14s	4.7	470	2700	90	500	29	190	25 000		10	6
LEDinestra 50CM 40 190° DIM 4.7W 927 Frosted S14d ¹	4099854232855	40	S14d	4.7	470	2700	90	500	29	190	25 000		10	7
LEDinestra 100CM 75 190° DIM 9.9W 927 Frosted S14s ¹	4099854232893	75	S14s	9.9	1 055	2700	90	1 000	29	190	25 000		6	8

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

GOOD LIGHT ALL ROUND THE FULL LEDVANCE RANGE

LEDVANCE offers a wide portfolio of energy-efficient and future-proof lighting solutions. Whether you need luminaires, lamps, HCL systems, electronic components, light management systems or smart residential products, LEDVANCE is your expert partner for complex lighting projects. You can always rely on LEDVANCE for excellent brand quality, professional service and a good price/performance ratio.



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The extensive luminaire portfolio covers virtually all professional and residential applications and delivers outstanding quality and functionality. LEDVANCE provides a constantly growing number of luminaires that communicate via DALI standard or Zigbee protocol. When using the right control units even IoT functionalities via cloud services are possible. Our systems provide users with tunable white light according to their personal preferences or even biologically effective light for more well-being. VIVARES is the umbrella brand for all those light management options available from one single source.

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Our new professional LEDVANCE LED lamp portfolio offers you a comprehensive selection of shapes and base sizes as well as types with additional functions (e.g. sensors) to cover a wide variety of demands – all EU-compliant, future-proof, energy-efficient and cost-effective.

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With the VIVARES light management systems (LMS), LEDVANCE offers everything you need for optimizing your light and saving energy, CO₂ and costs at the same time. Both floor solutions up to 1 000 m² and single room solutions up to 200 m² are covered by the exactly fitting LMS components and compatible light sources. The systems are simple in configuration and commissioning from plug and play to more complex, customizable solutions or app control and come with a 5-year guarantee. Light management is easy – with all components coming from one single source.

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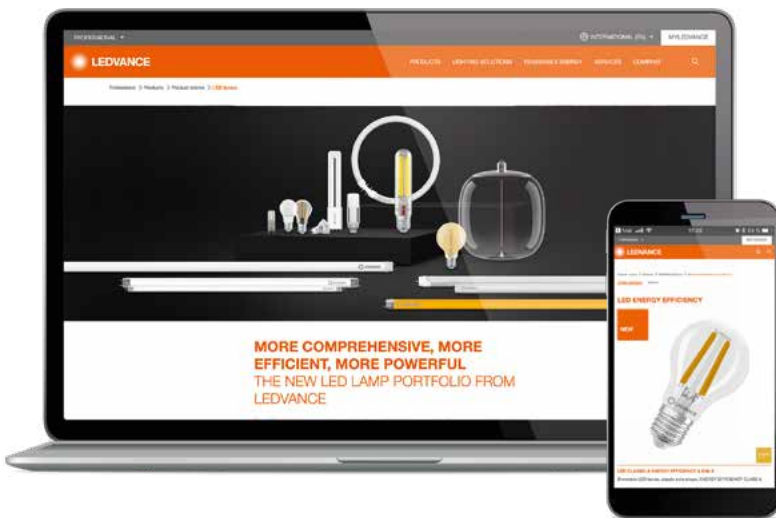
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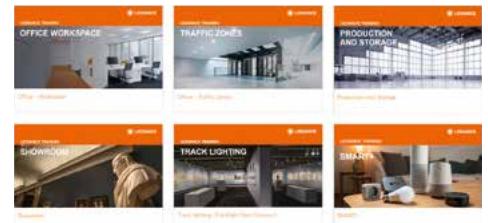
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- Office: How lighting in the workplace can contribute to the well-being of employees
- Traffic zones: How light provides orientation in corridors and helps avoid trip hazards in stairwells
- Industry: How to illuminate production and warehouse areas in an energy-efficient and standard-compliant manner
- Retail area: How to turn consumers' eyes and attract attention in retail areas
- Product highlights: How track lighting can be attractive today



SHEDDING LIGHT AND SYMBOLS



Shatter protection



Length [mm]



Recommended retail price
excl. VAT



Type of protection



Diameter [mm]



Unit of Packaging



Dimmable



Beam angle in °



Fig. no.



Sensor versions



Colour temperature in K



Dimming interface DALI-2



Wireless



Colour rendering index



Push-DIM function



Glow DIM 2000K...2700K



Light intensity in cd



LED TUBE EXTERNAL
SYSTEM



Power in W for conventional
technology



Average period of use/life
in hours (B50/L70)



SELV voltage



Power in W



Glass Material



Protection class I



Output voltage in V



AC Mains



Protection class II



Luminous flux in lm



Operation on conventional
control gear



Emergency lighting



Luminous efficacy



Operation on electronic
control gear



Low flicker



Operating frequency in Hz



Operation on conventional
control gear and ignitor



IK impact rating



Base



Energy efficiency class



ABOUT LEDVANCE

With business activities in over 140 countries, LEDVANCE is one of the world's leading general lighting companies. Emerging from OSRAM's general lighting division, LEDVANCE's portfolio includes LED lamps and luminaires, intelligent lighting products, traditional lamps and renewable energy solutions.

#POWERTHROUGHLIGHT



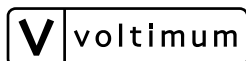
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