PRODUCT DATASHEET
DULUX LED L36 EXTERNAL P 17W 840 2G11

DULUX LED L EXTERNAL P | DULUX LED L EXTERNAL for LED DRIVER DALI

Areas of application

– Shops, hotels and restaurants
– Public buildings

PERFOR-MANCE CLASS

Product benefits

– Simple and quick upgrade to dimmable LED system
– Hassle free application, no ballast compatibility check necessary
– Suitable for emergency lighting (self-contained battery pack)
– Easy installation with fast connection

Product features

– LED replacement for conventional compact fluorescent lamps 2G11 base
– Conventional form factor fits into existing luminaires
– Long lifetime up to 50,000 h
– Compatible with LED driver DR DALI-P -30/220-240/700 (4058075845367)
– Compatible with LED DRIVER LED TUBE EXTERNAL DALI P (4099854295157, 4099854295171)
– Quality dimming of 1…100 %

TECHNICAL DATA

Electrical data

Nominal wattage	17 W
Construction wattage	17.00 W
Nominal voltage	60 V
Operating mode	EXT [1]
Claimed equiv. conventional lamp power	36 W
Nominal current	450 mA
Type of current	DC
Input voltage DC	< 60 V
Operating frequency	0 Hz
Mains frequency	0 Hz
Power factor λ	0.90

[1] Designed to power with LEDVANCE LED DRIVER

Photometrical data

Luminous flux	2300 lm
Luminous efficacy	135 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.90
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0,4

EPREL data spectral diagram PROF
LEDr 4000K

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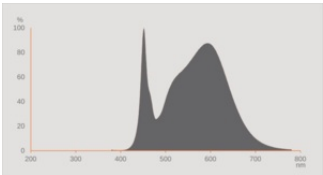## Light technical data

Beam angle	140 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	416.50 mm
Length with base excl. base pins/connection	410 mm
Diameter	43.60 mm
Tube diameter	17,0 mm
Maximum diameter	44 mm
Product weight	113.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+50 °C [1]
Maximum temperature at tc test point	70 °C

[1] Temperature surrounding the lamp - for enclosed luminaires: temperature inside of the luminaire

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	200000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	0.90

Additional product data

Base (standard designation)	2G11
Mercury content	0.0 mg
Mercury-free	Yes
Product remark	Available from June 2025

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	E [1)
Energy consumption	17.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG0

[1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	DULUX LED L36 E

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	2G11
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	No
Length	416.50 mm
Height	43.60 mm
Width	43.60 mm
Chromaticity coordinate x	0,381
Chromaticity coordinate y	0,379
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360

Survival factor	0.90
Displacement factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	2200745
Model number	AC70742

Accessories Mandatory

Product image	Product name	EAN
	DR DALI-P -30/220-240/700	4058075845367
	DR EXTERNAL DALI-P -1X7-37W 220-240	4099854295157
	DR EXTERNAL DALI-P -2X7-26W 220-240	4099854295171

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 Tc max temperature on the product prior to installation.
− Disconnect mains before installation.

DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	DULUX LED EXT P
	Declarations of conformity UKCA	DULUX LED EXT P

	Photometric and lighting design files	Document name
	IES file (IES)	DULUX LED L36 EXT P 17W 840 2G11 LEDV
	LDT file (Eulumdat)	DULUX LED L36 EXT P 17W 840 2G11 LEDV

	Photometric and lighting design files	Document name
	Light distribution curve type cone	DULUX LED L36 EXT P 17W 840 2G11 LEDV
	Light distribution curve type polar	DULUX LED L36 EXT P 17W 840 2G11 LEDV
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854495557	Folding box 1	27 mm x 47 mm x 460 mm	178.00 g	0.58 dm³
4099854495564	Shipping box 10	470 mm x 243 mm x 74 mm	1943.00 g	8.45 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For Guarantee see www.ledvance.com/guarantee

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