

PRODUCT DATASHEET HE 21 W/840

LUMILUX® T5 HE® | Tubular fluorescent lamps 16 mm, high efficiency, with G5 base



Areas of application

- Public buildings
- Offices
- Shops
- Supermarkets and department stores
- Industry
- Outdoor applications only in suitable luminaires

Product benefits

– Up to 20 % more economical than LUMILUX® T8

Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering index
- Dimmable





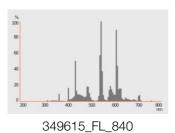
TECHNICAL DATA

Electrical data

Nominal wattage	21 W
Construction wattage	20.70 W
Nominal voltage	126 V
Nominal current	0.17 A

Photometrical data

Luminous flux	2000 lm
Luminous efficacy	97 lm/W
Luminous flux at 35 °C	2000 lm
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.90
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89



Dimensions & Weight

Overall length	863.20 mm
Length with base excl. base pins/connection	849,00 mm
Diameter	16,0 mm

Tube diameter	16 mm		
Product weight	70.92 g		
ifespan			
Service life	19000 h ¹⁾		
Rated lamp survival factor at 2,000 h	0.99		
Rated lamp survival factor at 4,000 h	0.99		
Rated lamp survival factor at 6,000 h	0.99		
Rated lamp survival factor at 8,000 h	0.99		
Rated lamp survival factor at 12,000 h	0.99		
Rated lamp survival factor at 16,000	0.97		
Rated lamp survival factor at 20,000 h	0.85		
Lifespan B50	24000 h		
Base (standard designation)	G5		
Additional product data			
Mercury content	1.5 mg		
	Suitable for ECG operation only / Lamp designed for internal luminaire		
- · · · ·	Suitable for ECG operation only / Lamp designed for internal luminaire		
Product remark	temperatures of 3040 °C; optimum luminous flux achieved at 35 °C		
Product remark Capabilities Dimmable			
Capabilities Dimmable	temperatures of 3040 °C; optimum luminous flux achieved at 35 °C		
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Capabilities Dimmable Certificates & Standards	temperatures of 3040 °C; optimum luminous flux achieved at 35 °C Yes		
Capabilities Dimmable Certificates & Standards Energy efficiency class	Yes F		
Dimmable Certificates & Standards Energy efficiency class Energy consumption	Yes F		
Capabilities Dimmable Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations	Yes F 21.00 kWh/1000h		
Capabilities Dimmable Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations ILCOS	Yes FDH-21/840-L/P/-G5-16/849		
Capabilities Dimmable Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations ILCOS Order reference	Yes FDH-21/840-L/P/-G5-16/849		

NMLS

Mains or non-mains

Light source cap-type (or other electric interface)	G5
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
Claim of equivalent power	No
Length	863.20 mm
Height	16,0 mm
Width	16,0 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle correspondence	SPHERE_360
EPREL ID	546267
Model number	AC34031

Safety advice

- In case of lamp breakage: www.ledvance.com/brokenlamp

DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077889-EN-00 - T5 HE HO	
PDF	Certificates	EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL	
PDF	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL	
	Photometric and lighting desig	n files Document name	
	Spectral power distribution	349615_FL_840	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591407	Sleeve 1	18 mm x 18 mm x 863 mm	80.86 g	0.28 dm ³
4050300591414	Shipping box 20	891 mm x 104 mm x 88 mm	2134.00 g	8.16 dm ³

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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.