

# PRODUCT DATASHEET HE 28 W/830

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





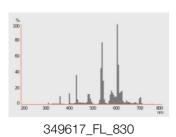
## TECHNICAL DATA

## Electrical data

Nominal wattage	28 W
Construction wattage	28.30 W
Nominal voltage	166 V
Nominal current	0.17 A

## Photometrical data

Luminous flux	2800 lm
Luminous efficacy	99 lm/W
Luminous flux at 35 °C	2800 lm
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.92
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	1163.20 mm	
Length with base excl. base pins/connection	1149 mm	
Diameter	16,0 mm	

Tube diameter	16 mm		
Product weight	88.02 g		
Lifespan			
ervice 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		
Additional product data  Base (standard designation)	G5		
Base (standard designation)	G5		
Mercury content	1.5 mg		
Product remark	Suitable for ECG operation only / Lamp designed for internal luminaire temperatures of 3040 °C; optimum luminous flux achieved at 35 °C		
Capabilities			
Dimmable	Yes		
Certificates & Standards			
Energy efficiency class	F		
Energy consumption	29.00 kWh/1000h		
Country-specific categorizations			
ILCOS	FDH-28/830-L/P/-G5-16/1149		
Order reference	HE 28W/830		
Energy labelling regulation data acc EU 2019/2015			
Lighting technology used	LFL_T5_HE		
Non-directional or directional	NDLS		
Mains or non-mains	or non-mains NMLS		

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	1163.20 mm
Height	16,0 mm
Width	16,0 mm
Chromaticity coordinate x	0,440
Chromaticity coordinate y	0,403
Beam angle correspondence	SPHERE_360
EPREL ID	546270

# Safety advice

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

Spectral power distribution

## 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	
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## LOGISTICAL DATA

Product code Packagin	unit (Pieces/Unit) Dimensions (length x width x h	eight) Gross weight Volume
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349617\_FL\_830

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591483	Sleeve 1	1,164 mm x 18 mm x 18 mm	127.00 g	0.38 dm <sup>3</sup>
4050300464787	Unpacked 1	1,163 mm x 16 mm x 16 mm	105.33 g	0.30 dm <sup>3</sup>
4050300591490	Shipping box 20	1,191 mm x 104 mm x 88 mm	2712.50 g	10.90 dm <sup>3</sup>
4050300464794	Shipping box 40	1,194 mm x 199 mm x 87 mm	4222.00 g	20.67 dm <sup>3</sup>

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.