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





© 2022, LEDVANCE GmbH. All rights reserved.

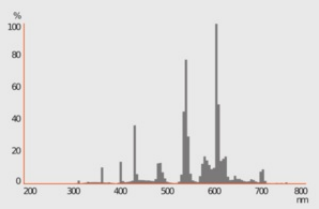
TECHNICAL DATA

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

© 2022, LEDVANCE GmbH. All rights reserved.

Tube diameter	16 mm
Product weight	88.02 g

Lifespan

Nominal lamp life time	24000 h
Service life	19000 h [1)]
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000	0.99
Rated lamp survival factor at 6,000	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

1) With preheat ECG

Additional product data

Base (standard designation)	G5
Mercury content	1.5 mg
Product remark	Suitable for ECG operation only / Lamp designed for internal luminaire temperatures of 30...40 °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 labellling regulation data acc EU 2019/2015

Lighting technology used	LFL_T5_HE
Non-directional or directional	NDLS
Mains or non-mains	NMLS

© 2022, LEDVANCE GmbH. All rights reserved.

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	SPHERE_360
EPREL ID	546270,546270
Model number	AC34034,AC34034

Safety advice

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

DOWNLOAD DATA

	DOWNLOAD DATA
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
PDF	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077889-EN-00 - T5 HE HO

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591483	Sleeve 1	1,170 mm x 20 mm x 23 mm	127.00 g	0.54 dm^3
4050300591490	Shipping box 20	1,182 mm x 83 mm x 104 mm	2712.50 g	10.20 dm^3

© 2022, LEDVANCE GmbH. All rights reserved.

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.

© 2022, LEDVANCE GmbH. All rights reserved.