

PRODUCT DATASHEET HO 39 W/830

LUMILUX® T5 HO | Tubular fluorescent lamps 16 mm, high output, with G5 base



Areas of application

- Industry
- Public buildings
- Offices
- Tunnels, underpasses
- Car parks
- 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





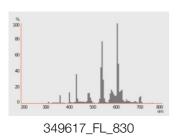
TECHNICAL DATA

Electrical data

Nominal wattage	39 W
Construction wattage	37.90 W
Nominal voltage	118 V
Nominal current	0.33 A

Photometrical data

Luminous flux	3400 lm
Luminous efficacy	90 lm/W
Luminous flux at 35 °C	3400 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	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	
Additional product data Base (standard designation)	G5	
	05	
Mercury content	2.0 mg	
Product remark	Suitable for ECG operation only / Lamp designed for internal luminair temperatures of 3040 °C; optimum luminous flux achieved at 35 °C	
Capabilities		
Dimmable	Yes	
	Yes	
	Yes G	
Certificates & Standards		
Certificates & Standards Energy efficiency class	G	
Certificates & Standards Energy efficiency class Energy consumption	G	
Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations	G 39.00 kWh/1000h	
Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations Order reference	G 39.00 kWh/1000h	
Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations Order reference Energy labelling regulation data acc EU 2019/2015	G 39.00 kWh/1000h HO 39W/830	
Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations Order reference Energy labelling regulation data acc EU 2019/2015 Lighting technology used	G 39.00 kWh/1000h HO 39W/830 LFL_T5_HO	

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	0,440
Chromaticity coordinate y	0,403
Beam angle correspondence	SPHERE_360
EPREL ID	546284
Model number	AC34048

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 design	n files Document name	

Photometric and lighting design files	Document name
Spectral power distribution	349617_FL_830

LOGISTICAL DATA

Product code Packaging unit (Pieces/Unit) Dimensions (length x width x	neight) Gross weight Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591728	Sleeve 1	18 mm x 18 mm x 863 mm	96.20 g	0.28 dm ³
4050300591735	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.