

# PRODUCT DATASHEET HO 49 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





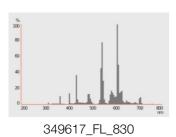
## TECHNICAL DATA

## Electrical data

Nominal wattage	49 W
Construction wattage	49.50 W
Nominal voltage	195 V
Nominal current	0.26 A

## Photometrical data

Luminous flux	4800 lm
Luminous efficacy	97 lm/W
Luminous flux at 35 °C	4800 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	1463.20 mm	
Length with base excl. base pins/connection	1449 mm	
Diameter	16,0 mm	

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Tube diameter	16 mm
Product weight	116.45 g
ifespan	
Service life	19000 h <sup>1)</sup>
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	2.0 mg  Suitable for ECG operation only / Lamp designed for internal luminaire
Product remark	temperatures of 3040 °C; optimum luminous flux achieved at 35 °C
Capabilities	
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Dimmable	Yes
Dimmable	Yes
Dimmable	Yes
Dimmable  Certificates & Standards	
Dimmable  Certificates & Standards  Energy efficiency class	F
Dimmable  Certificates & Standards  Energy efficiency class  Energy consumption	F
Dimmable  Certificates & Standards  Energy efficiency class  Energy consumption  Country-specific categorizations	F 50.00 kWh/1000h
Dimmable  Certificates & Standards  Energy efficiency class  Energy consumption  Country-specific categorizations  ILCOS	FDH-49/830-L/P/-G5-16/1449
Dimmable  Certificates & Standards  Energy efficiency class  Energy consumption  Country-specific categorizations  ILCOS  Order reference	F 50.00 kWh/1000h FDH-49/830-L/P/-G5-16/1449

NMLS

Mains or non-mains

	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	1463.20 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	546289

# 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 RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL	
PDF	Certificates	EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL	
	Photometric and lighting desig	n files Document name	
<b>a</b>	Spectral power distribution	349617_FL_830	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume	
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300796758	Sleeve 1	1,464 mm x 18 mm x 18 mm	162.00 g	0.47 dm <sup>3</sup>
4050300657158	Unpacked 1	1,463 mm x 16 mm x 16 mm	131.50 g	0.37 dm <sup>3</sup>
4008321110671	Shipping box 20	1,511 mm x 104 mm x 88 mm	3510.00 g	13.83 dm <sup>3</sup>
4050300657165	Shipping box 40	1,496 mm x 199 mm x 87 mm	5182.00 g	25.90 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.