

PRODUCT DATASHEET HO 49 W/827

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





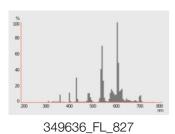
TECHNICAL DATA

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 INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
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

T. I. II		
Tube diameter	16 mm	
Product weight	116.45 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	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		
Dimmable	Yes	
Dimmable	Yes	
Dimmable	Yes F	
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-49/827-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-49/827-L/P/-G5-16/1449	

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	1463.20 mm
Height	16,0 mm
Width	16,0 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
Beam angle correspondence	SPHERE_360
EPREL ID	546288
Model number	AC34051

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name		
POF	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	
POF	Certificates	EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL		
	Photometric and lighting design files		Document name	
	Spectral power distribution		349636_FL_827	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300796772	Sleeve 1	1,464 mm x 18 mm x 18 mm	159.00 g	0.47 dm ³
4008321110664	Shipping box 20	1,511 mm x 104 mm x 88 mm	3450.00 g	13.83 dm³

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.