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





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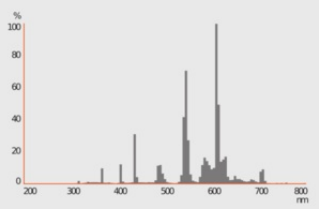
TECHNICAL DATA

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

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Tube diameter	16 mm
Product weight	116.45 g

Lifespan

Lifespan	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	2.0 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	50.00 kWh/1000h

Country-specific categorizations

ILCOS	FDH-49/827-L/P/-G5-16/1449
Order reference	HO 49W/827

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LFL_T5_HO
Non-directional or directional	NDLS
Mains or non-mains	NMLS

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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,AC34051

Safety advice

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

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Certificates
PDF	Certificates
PDF	Declarations Of Conformity CE

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 dm^3

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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.

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