PRODUCT DATASHEET
HO 49 W/865

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





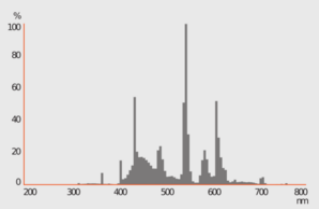
TECHNICAL DATA

Electrical data

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

Photometrical data

Luminous flux	4500 lm
Luminous efficacy	91 lm/W
Luminous flux at 35 °C	4500 lm
Light color (designation)	LUMILUX Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
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



349641_FL_865

Dimensions & Weight

Overall length	1463.20 mm
Length with base excl. base pins/connection	1449 mm
Diameter	16.00 mm

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Tube diameter	16 mm
Product weight	116.45 g

Lifespan

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

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	G
Energy consumption	50.00 kWh/1000h

Country-specific categorizations

ILCOS	FDH-49/865-L/P/-G5-16/1449
Order reference	HO 49W/865

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LFL_T5_HO
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G5
Connected light source (CLS)	No

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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	16.00 mm
Width	16.00 mm
Chromaticity coordinate x	0,313
Chromaticity coordinate y	0,337
Beam angle correspondence	SPHERE_360
EPREL ID	546291
Model number	AC34054

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 design files	Document name
	Spectral power distribution	349641_FL_865

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300796628	Sleeve 1	1,464 mm x 18 mm x 18 mm	159.00 g	0.47 dm^3
4008321110695	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

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