PRODUCT DATASHEET
HO 49 W/840

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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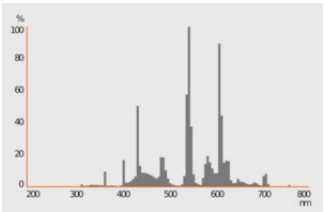
TECHNICAL DATA

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 Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
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



349615_FL_840

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

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	F
Energy consumption	50.00 kWh/1000h

Country-specific categorizations

ILCOS	FDH-49/840-L/P/-G5-16/1449
Order reference	HO 49W/840

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	0,380
Chromaticity coordinate y	0,380
Beam angle correspondence	SPHERE_360
EPREL ID	546290
Model number	AC34053

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	349615_FL_840

LOGISTICAL DATA

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300657134	Unpacked 1	1,463 mm x 16 mm x 16 mm	147.67 g	0.37 dm^3
4050300657141	Shipping box 40	1,496 mm x 199 mm x 87 mm	5182.00 g	25.90 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.

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