

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





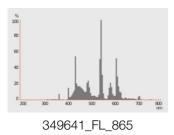
TECHNICAL DATA

Electrical data

Nominal wattage	49 W
Construction wattage	49.00 W
Nominal voltage	195 V
Rated lamp efficacy (HF data 25 °C)	79

Photometrical data

Luminous flux	4100 lm
Luminous efficacy	83 lm/W
Luminous flux at 25 °C	4100 lm
Luminous flux at 35 °C	4600 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
Rated lamp efficacy (HF data 25 °C)	79



Dimensions & Weight

Length with base excl. base pins/connection Diameter Tube diameter Product weight Temperatures & operating conditions Rated ambient temp.w.max.luminous	1449 mm 16,0 mm 16 mm 121.00 g		
Diameter Tube diameter Product weight Temperatures & operating conditions	16,0 mm 16 mm 121.00 g		
Tube diameter Product weight Temperatures & operating conditions	16 mm 121.00 g		
Product weight Temperatures & operating conditions	121.00 g		
Temperatures & operating conditions	·		
	35.0 °C		
Rated ambient temp.w.max.luminous	35.0 °C		
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		
Operation mode LLMF/LSF	HF		
1) With preheat ECG			
· / Will prefeat ECG			
Additional product data			
Base (standard designation)	G5		
Mercury content	1.7 mg		
Product remark	Suitable for ECG operation only / Lamp designed for internal luminaire temperatures of 3040 °C; optimum luminous flux achieved at 35 °C		
Capabilities			
Suitable for indoor	Yes		
Dimmable	Yes		
Certificates & Standards			
Energy efficiency class	G		
Energy consumption	54.12 kWh/1000h		
Country-specific categorizations			

FDH-49/865-L/P/-G5-16/1449

ILCOS

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
Envelope	No
Length	1449.00 mm
Height	16,0 mm
Width	16,0 mm
Beam angle correspondence	SPHERE_360

Safety advice

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

DOWNLOAD DATA

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
4008321110732	Unpacked 1	1,463 mm x 15 mm x 18 mm	137.00 g	0.40 dm ³
4008321110749	Shipping box 40	1,496 mm x 199 mm x 87 mm	5422.00 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.