

# 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





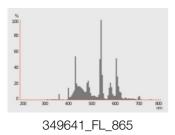
## TECHNICAL DATA

## 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

Overall length 1449.00 mm
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Length with base excl. base pins/connection	1449 mm
Diameter	16,0 mm
Tube diameter	16 mm
Product weight	121.00 g
Temperatures & operating conditions	
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)	
1) With preheat 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 <sup>3</sup>
4008321110749	Shipping box 40	1,496 mm x 199 mm x 87 mm	5422.00 g	25.90 dm <sup>3</sup>

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.