

# PRODUCT DATASHEET HO 39 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





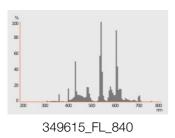
# TECHNICAL DATA

# Electrical data

Nominal wattage	39 W
Construction wattage	38.00 W
Nominal voltage	118 V
Rated lamp efficacy (HF data 25 °C)	79

# Photometrical data

Luminous flux	3100 lm
Luminous efficacy	82 lm/W
Luminous flux at 25 °C	3100 lm
Luminous flux at 35 °C	3500 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
Rated lamp efficacy (HF data 25 °C)	79



# Dimensions & Weight

Overall	849.00 mm

Length with base excl. base pins/connection	849,00 mm
Diameter	16,0 mm
Tube diameter	16 mm
Product weight	71.00 g
Temperatures & operating conditions	
Rated ambient temp.w.max.luminous	35.0 °C
Lifespan	
Service life	19000 h <sup>1)</sup>
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	
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	A+
Energy consumption	41.80 kWh/1000h
Country-specific categorizations	

FDH-39/840-L/P/-G5-16/849

**ILCOS** 

Order reference	HO 39W/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		
Light source cap-type (or other electric interface)	G5		
Envelope	No		
Length	849.00 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	349615_FL_840

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300453538	Unpacked 1	863 mm x 15 mm x 17 mm	81.00 g	0.22 dm <sup>3</sup>
4050300453545	Shipping box 40	896 mm x 199 mm x 87 mm	3208.00 g	15.51 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.