

PRODUCT DATASHEET

HO 80 W/827

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	80 W
Construction wattage	79.80 W
Nominal voltage	152 V
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Photometrical data

Luminous flux	6150 lm
Luminous efficacy	77 lm/W
Luminous flux at 25 °C	6150 lm
Luminous flux at 35 °C	7000 lm
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Dimensions & Weight

Overall length	1450.00 mm
Length with base excl. base pins/connection	1449 mm
Diameter	16,0 mm
Tube diameter	16 mm
Product weight	137.00 g

Lifespan

Service life	19000 h ¹⁾
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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 30...40 °C; optimum luminous flux achieved at 35 °C

Capabilities

Dimmable	Yes
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Country-specific categorizations

ILCOS	FDH-80/827-L/P/-G5-16/1449
Order reference	HO 80W/827

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G5
Length	1449.00 mm
Height	16,0 mm
Width	16,0 mm

Safety advice

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300646213	Unpacked 1	1,464 mm x 15 mm x 15 mm	137.00 g	0.33 dm ³
4050300646220	Shipping box 40	1,496 mm x 199 mm x 87 mm	6062.00 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.