PRODUCT DATASHEET
HO 24 W/830

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
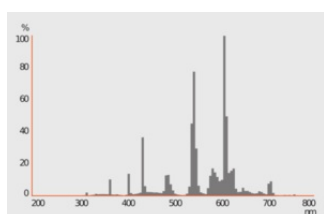– Good color rendering index
– Dimmable

TECHNICAL DATA

Electrical data

Nominal wattage	24 W
Construction wattage	22.40 W
Nominal voltage	77 V
Nominal current	0.3 A

Photometrical data

Luminous flux	2000 lm
Luminous efficacy	89 lm/W
Luminous flux at 35 °C	2000 lm
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
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

349617_FL_830

Dimensions & Weight

Overall length	563.20 mm
Length with base excl. base pins/connection	549,00 mm
Diameter	16,0 mm

Tube diameter	16 mm
Product weight	44.26 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	G
Energy consumption	24.00 kWh/1000h

Country-specific categorizations

ILCOS	FDH-24/830-L/P/-G5-16/549
Order reference	HO 24W/830

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
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	563.20 mm
Height	16,0 mm
Width	16,0 mm
Chromaticity coordinate x	0,440
Chromaticity coordinate y	0,403
Beam angle correspondence	SPHERE_360
EPREL ID	546278

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations Of Conformity CE	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	349617_FL_830

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591667	Sleeve 1	18 mm x 18 mm x 563 mm	67.50 g	0.18 dm^3
4050300453491	Unpacked 1	563 mm x 16 mm x 16 mm	51.00 g	0.14 dm^3
4050300591674	Shipping box 20	591 mm x 104 mm x 88 mm	1473.00 g	5.41 dm^3
4050300453507	Shipping box 40	594 mm x 199 mm x 87 mm	2071.00 g	10.28 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.