

# 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





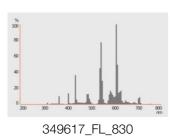
## TECHNICAL DATA

## 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



# 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	
Troduct Worgin	41.20 g	
Lifespan		
ervice 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 3040 °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	

Connected light source (CLS)  Color-tuneable light source  No  Envelope  No  High luminance light source  No  Anti-glare shield  No  Correlated colour temperature type  Claim of equivalent power  Length  Height  No  16,0 mm	
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	
High luminance light source  Anti-glare shield  No  Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  No  Length  563.20 mm  Height	
Anti-glare shield  Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  No  Length  563.20 mm  Height	
Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  No  Length  563.20 mm  Height  16,0 mm	
Claim of equivalent power No  Length 563.20 mm  Height 16,0 mm	
Length 563.20 mm Height 16,0 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
POF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077889-EN-00 - T5 HE HO
POF	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 desig	n files Document name
	Spectral power distribution	349617_FL_830

## LOGISTICAL DATA

Product code Packaging unit (Pi	eces/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 <sup>3</sup>
4050300453491	Unpacked 1	563 mm x 16 mm x 16 mm	51.00 g	0.14 dm <sup>3</sup>
4050300591674	Shipping box 20	591 mm x 104 mm x 88 mm	1473.00 g	5.41 dm <sup>3</sup>
4050300453507	Shipping box 40	594 mm x 199 mm x 87 mm	2071.00 g	10.28 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.