

PRODUCT DATASHEET HO 24 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





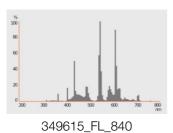
TECHNICAL DATA

Electrical data

Nominal wattage	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 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



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
_ifespan	
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
Additional product data Base (standard designation)	G5
Additional product data	
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-24/840-L/P/-G5-16/549
Order reference	HO 24W/840
Energy labelling regulation data acc EU 2019/20	15
Lighting technology used	LFL_T5_HO
Non-directional or directional	NDLS

NMLS

Mains or non-mains

Connected light source (CLS) 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 Height 16,0 mm Width 16,0 mm Chromaticity coordinate x 0,380 Chromaticity coordinate y Beam angle correspondence SPHERE_360 FREL ID	Light source cap-type (or other electric interface)	G5
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 0,380 Chromaticity coordinate y 0,380 Beam angle correspondence SPHERE_360	Connected light source (CLS)	No
High luminance light source 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 0,380 Chromaticity coordinate y Beam angle correspondence SPHERE_360	Color-tuneable 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 0,380 Chromaticity coordinate y 0,380 Beam angle correspondence SPHERE_360	Envelope	No
Correlated colour temperature type Claim of equivalent power No Length 563.20 mm Height 16,0 mm Width 16,0 mm Chromaticity coordinate x 0,380 Chromaticity coordinate y Beam angle correspondence SPHERE_360	High luminance light source	No
Claim of equivalent power Length 563.20 mm Height 16,0 mm Width 16,0 mm Chromaticity coordinate x 0,380 Chromaticity coordinate y Beam angle correspondence SPHERE_360	Anti-glare shield	No
Length563.20 mmHeight16,0 mmWidth16,0 mmChromaticity coordinate x0,380Chromaticity coordinate y0,380Beam angle correspondenceSPHERE_360	Correlated colour temperature type	SINGLE_VALUE
Height 16,0 mm Width 16,0 mm Chromaticity coordinate x 0,380 Chromaticity coordinate y 0,380 Beam angle correspondence SPHERE_360	Claim of equivalent power	No
Width 16,0 mm Chromaticity coordinate x 0,380 Chromaticity coordinate y 0,380 Beam angle correspondence SPHERE_360	Length	563.20 mm
Chromaticity coordinate x 0,380 Chromaticity coordinate y 0,380 Beam angle correspondence SPHERE_360	Height	16,0 mm
Chromaticity coordinate y 0,380 Beam angle correspondence SPHERE_360	Width	16,0 mm
Beam angle correspondence SPHERE_360	Chromaticity coordinate x	0,380
	Chromaticity coordinate y	0,380
EPREL ID 546279	Beam angle correspondence	SPHERE_360
	EPREL ID	546279

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name		
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077889-EN-00 - T5 HE HO		
PDF	Certificates	EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL		
PDF	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL		
	Photometric and lighting desig	n files Document name		
	Spectral power distribution	349615_FL_840		

LOGISTICAL DATA

Product code Packagin	unit (Pieces/Unit) Dimensions (length x width x h	eight) Gross weight Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591643	Sleeve 1	18 mm x 18 mm x 563 mm	61.00 g	0.18 dm ³
4050300453477	Unpacked 1	563 mm x 16 mm x 16 mm	56.67 g	0.14 dm ³
4050300453484	Shipping box 40	594 mm x 199 mm x 87 mm	2151.00 g	10.28 dm ³
4050300591650	Shipping box 20	591 mm x 104 mm x 88 mm	1351.00 g	5.41 dm³

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.