

# product\_datasheet\_title

## HE 21 W/840

LUMILUX® T5 HE® | Tubular fluorescent lamps 16 mm, high efficiency, with G5 base



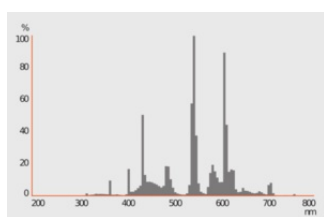
## technical\_data

## ELECTRICAL DATA

Nominal wattage	21 W
Construction wattage	20.70 W
Nominal voltage	126 V
Nominal current	0.17 A

## PHOTOMETRICAL DATA

Luminous flux	2000 lm
Luminous efficacy	97 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	0.92
Rated LLMF at 6,000 h	0.91
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



349615\_FL\_840

## DIMENSIONS &amp; WEIGHT

Overall length	863.20 mm
Length with base excl. base pins/connection	849,00 mm
Diameter	16,0 mm

Tube diameter	16 mm
Product weight	70.92 g

## 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 h	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	1.5 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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## CERTIFICATES & STANDARDS

Energy efficiency class	F
Energy consumption	21.00 kWh/1000h

## COUNTRY-SPECIFIC CATEGORIZATIONS





ILCOS	FDH-21/840-L/P/-G5-16/849
Order reference	HE 21W/840

## Energy labelling regulation data

Lighting technology used	LFL_T5_HE
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	863.20 mm
Height	16,0 mm
Width	16,0 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle correspondence	SPHERE_360
EPREL ID	546267
Model number	AC34031

### download\_data

Documents and certificates		document_name
	Declarations Of Conformity CE	EC Declaration of Conformity - 2021 9C1-4077889-EN-00 - T5 HE HO
	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Serifikaciya FL
	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	349615_FL_840

### logistical\_data

product_code	packaging_unit	dimensions	weight	volume
4008321912114	Sleeve 1	910 mm x 46 mm x 17 mm	107.50 g	0.71 dm <sup>3</sup>
4008321912121	Shipping box 10	933 mm x 232 mm x 46 mm	1394.00 g	9.96 dm <sup>3</sup>

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