



PRODUCT DATASHEET

LED TUBE T5 AC HO54 P 1149 mm 26W 865

LED TUBE T5 AC MAINS P | LED tubes for operation on AC mains



Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Offices, public buildings
- Supermarkets and department stores
- Industry

Product benefits

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- High luminous flux for sophisticated lighting tasks

Product features

- LED replacement for T5 fluorescent lamps with G5 base on AC mains
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- High color consistency: ≤ 5 SDCM
- Lifetime: up to 50,000 h
- Low flicker according to EU 2019-2020 (SVM $\leq 0,4$ / PstLM ≤ 1)
- Type of protection: IP20



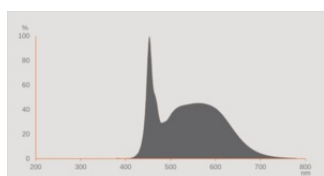
TECHNICAL DATA

Electrical data

Nominal wattage	26 W
Construction wattage	26.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Nominal current	116 mA
Type of current	AC
Inrush current	16 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	34
Max. lamp no. on circuit break. 16 A (B)	48
Total harmonic distortion	20 %
Power factor λ	> 0,90

Photometrical data

Luminous flux	4000 lm
Luminous efficacy	153 lm/W
Lumen main.fact.at end of nom.li	0.70
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	80
Light color	865
Standard deviation of color matching	≤ 5 sdc _m
Rated LLMF at 6,000 h	0.80
Valoare pălpăire Pst LM	1
Valoare efect stroboscopic SVM	0.4



Light technical data

Beam angle	190 °
Warm-up time (60 %)	< 2.00 s
Starting time	< 0,5 s

Dimensions & Weight



Construction length [PICOS]	1163.00 mm
Length with base excl. base pins/connection	1149.00 mm
Diameter	19,00 mm
Tube diameter	16 mm
Maximum diameter	19 mm
Product weight	170,00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	85 °C
Performance temp. acc. to IEC 62717	62 °C ¹⁾

¹⁾ Tp rated. Tp point coincides with Tc point - marked on device

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
ETIM - Rated life time L80/B50 at 25 °C (EF011872)	50000 h
Number of switching cycles	200000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,	≥ 0.90

Additional product data

Base (standard designation)	G5
Lamp mercury content	0.0 mg
Mercury-free	Yes

Design / version	Frosted
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Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	D ¹⁾
Energy consumption	26.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobio. safety group a EN62778	RG0

¹⁾ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	LEDTUBE T5 AC H
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Date privind reglementarea etichetării energetice (EU 2019/2015)

Tehnologia de iluminat utilizată	LED
Nedirecțională sau direcțională	NDLS
Cu alimentare de la rețea sau nealimentată de la rețea	MLS
Tipul de soclu al sursei de lumină (sau altă interfață electrică)	G5
Sursă de lumină conectată (SLC)	No
Sursă de lumină cu posibilitatea de reglare a culorilor	No
Anvelopă	No
Surse de lumină cu luminanță mare	No
Protecție antireflexie	No
Tip de temperatură de culoare corelată	SINGLE_VALUE
Puterea în modul standby	0 W
Puterea în modul standby pentru SLC	0 W
Declarație de putere echivalentă	No
Length	1163,00 mm
Height (incl. cylin. luminaires) [calc.]	19.00 mm
Width (incl. round luminaires) [Calc.]	19.00 mm
Coordonata X a diagramei cromatica a culorilor	0.312

Coordonata Y a diagramei cromatica a culorilor	0.328
Valoarea indicelui de redare a culorilor R9	>0
Corespondență unghi fascicul	SPHERE_360
Factorul de supraviețuire	0.9
Factorul de defazaj	0.90
Sursa de lumină LED care înlocuiește o lumină fluorescentă	No
EPREL ID	1408614
Model number	AC46708

Safety advice

- Not suitable for operation with electronic control gear.
- Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
- The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.
- After rewiring of a luminaire the installer will be responsible for all technical and safety consequences.

DOWNLOAD DATA

Documents and certificates



User instruction



Declarations Of Conformity CE



Declarations Of Conformity UKCA

Photometric and lighting design files



IES file (IES)



LDT file (Eulumdat)



UGR file (UGR table)



LDC typ polar



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075824157	Sleeves 1	1,165 mm x 20 mm x 24 mm	188.00 g	0.56 dm ³
4058075824164	Shipping box 10	1,245 mm x 140 mm x 85 mm	2280.00 g	14.82 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.

References / Links

- For current information see www.ledvance.com/ledtube

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.