

PRODUCT DATASHEET

LED TUBE T5 AC HO54 P 1149 mm 26W 830

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



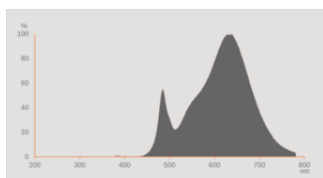
TECHNICAL DATA

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

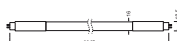
Luminous flux	3600 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.li	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	80
Light color	830
Standard deviation of color matching	≤ 5 sdc _m
Rated LLMF at 6,000 h	0.80
Valoare pãlpãire Pst LM	1
Valoare 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]	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

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

Capabilities

Dimmable	No
----------	----

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
-----------------	-----------------

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
------------------------------	--------------

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	1149,00 mm
Height (incl. cylin. luminaires) [calc.]	19.00 mm
Width (incl. round luminaires) [Calc.]	19.00 mm
Coordonata X a diagramei cromatica a culorilor	0.434
Coordonata Y a diagramei cromatica a culorilor	0.403
Valoarea indicelui de redare a culorilor R9	>0
Correspondență unghi fascicul	SPHERE_360
Factorul de supraviețuire	0.9