PRODUCT DATASHEET
LED TUBE T5 EXT HE35 P 18 W/4000 K 1449 mm

LED TUBE T5 EXTERNAL P | LED TUBE T5 EXTERNAL for LED DRIVER EXTERNAL

Areas of application

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets
- Suitable for indoor SELV installations
- General illumination within ambient temperatures from -20...+50 °C

Product benefits

- Compatible with LEDVANCE DRIVER LED TUBE DALI EXTERNAL
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- Very high resistance to switching loads
- Five year guarantee

Product features

- Designed to power only with LEDVANCE Driver LED TUBE EXTERNAL
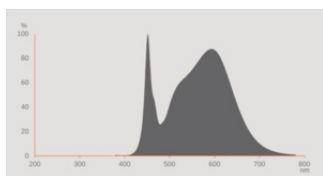- Mercury-free and RoHS compliant

TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	18.00 W
Nominal voltage	41 V
Claimed equiv. conventional lamp power	35 W
Nominal current	450 mA
Type of current	DC
Inrush current	3.56 A
Operating frequency	0 Hz
Mains frequency	0 Hz
Total harmonic distortion	< 20 %
Power factor λ	0.90

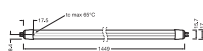### Photometrical data

Luminous flux	2800 lm
Luminous efficacy	156 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤ 5 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0,4

Light technical data

Beam angle	180 °
Warm-up time (60 %)	‹ 2.00 s
Starting time	< 1.0 s
Rated beam angle (half peak value)	180.00 °

Dimensions & Weight

Overall length	1449.00 mm
Diameter	17.00 mm
Maximum diameter	17 mm
Product weight	137.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	65 °C

Lifespan

Lifespan	50000 h
Number of switching cycles	200000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	G5
Mercury content	0.0 mg
Product remark	Single sided LED TUBE (one-sided DC input) complying with safety requirement acc. IEC 62776:2014. Safety protection against electrical shock in misuse (ECG/CCG/Mains operation).

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	D [1]

Energy consumption	18.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to 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 EXT

LOGISTICAL DATA

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

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
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	1449.00 mm
Height	17.00 mm
Width	17.00 mm
Chromaticity coordinate x	0,381
Chromaticity coordinate y	0,379
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0,90
Displacement factor	0,90
LED light source replaces a fluorescent light source	No

Safety advice

- 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.

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
	IES file (IES)
	LDT file (Eulumdat)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075730526	Shipping box 25	1,522 mm x 152 mm x 175 mm	5300.00 g	40.49 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.