

PRODUCT DATASHEET

SubstiTUBE T5 HF HO49 26 W/4000 K 1449 mm

SubstiTUBE T5 HF | LED tubes for electronic high frequency control gears



Areas of application

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

Product benefits

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- High luminous flux for sophisticated lighting tasks



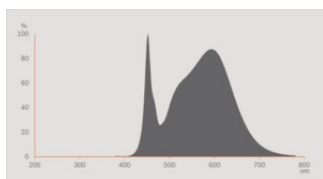
TECHNICAL DATA

Electrical data

Nominal wattage	26 W
Construction wattage	26.00 W
Nominal voltage	80...110 V
Claimed equiv. conventional lamp power	49 W
Nominal current	177 mA
Type of current	AC
Inrush current	25 A
Operating frequency	20...75 kHz
Mains frequency	20...75 kHz
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 White
Color temperature	4000 K
Color rendering index Ra	83
Light color	840
Standard deviation of color matching	≤ 5 sdcm

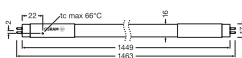


Light technical data

Beam angle	190 °
Warm-up time (60 %)	< 2.00 s
Starting time	< 0.5 s

Rated beam angle (half peak valu	190.00 °
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Dimensions & Weight



Construction length [PICOS]	1449.00 mm
Diameter	17,00 mm
Tube diameter	16 mm
Maximum diameter	17 mm
Product weight	192,00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	66 °C

Lifespan

Nominal life time	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
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Certificates & Standards

Energy efficiency class	D 1)
Energy consumption	29.00 kWh/1000h
Type of protection	IP20
Standards	CE

Photobio. safety group a EN62778	RG0
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1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	LEDTUBE T5 HF 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	NMLS
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
Declarație de putere echivalentă	No
Length	1449.00 mm
Height (incl. cylin. luminaires) [calc.]	17.00 mm
Width (incl. round luminaires) [Calc.]	17.00 mm
Coordonata X a diagramei cromatica a culorilor	0.381
Coordonata Y a diagramei cromatica a culorilor	0.379
Corespondență unghi fascicul	SPHERE_360
Factorul de supraviețuire	0.90
Factorul de defazaj	0.90
Sursa de lumină LED care înlocuiește o lumină fluorescentă	No
EPREL ID	642864
Model number	AC35149,AC35149

Safety advice

– Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.