

Product datasheet

ST5HO49-HF 26 W/865 1449 mm HF

SubstiTUBE T5 High Output | LED tubes for electronic high frequency control gears



- Illumination of production areas
- Supermarkets and department stores
- Public buildings, reception areas, offices, corridors, etc.

- Quick, simple and safe replacement without rewiring
- Also suitable for operation at low temperatures
- No bending thanks to glass technology

Product features

- Compatible with many common electronic control gears (see also compatibility list)
- Lifetime: up to 60,000 h
- Mercury-free and RoHS compliant
- Type of protection: IP20
- Very high color consistency: ≤ 4 SDCM

Product benefits

- Quick, simple and safe replacement without rewiring
- Also suitable for operation at low temperatures
- No bending thanks to glass technology



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Areas of application

- Illumination of production areas
 - Supermarkets and department stores
 - Public buildings, reception areas, offices, corridors, etc.
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Equipment / Accessories

- Suitable for operation on electronic control gear

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Technical data

Electrical data

Rated wattage	26.00 W
Operating frequency	20...60 kHz
Nominal wattage	26.00 W
Nominal voltage	220...240 V
Nominal current	0.3 A
Claimed equiv. conventional lamp power	49 W

Photometrical data

Standard deviation of color matching	≤ 4 sdc _m
Rated luminous flux	3950 lm
Nominal luminous flux	3950 lm
Rated color temperature	6500 K
Color rendering index Ra	≥ 80
Color temperature	6500 K
Light color (designation)	Cool Daylight
Luminous flux	3950 lm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	160 °
Starting time	< 1.0 s

Dimensions & weight



Product weight	190.00 g
Length	1449 mm
Outer bulb	T5

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Overall length	1449 mm
Diameter	15.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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Lifespan

Nominal lamp life time	60000 h
Rated lamp life time	60000 h
Lumen maintenance at end of service life	0.70
Number of switching cycles	200000

Additional product data

Appropriate disposal acc. to WEEE	Yes
Mercury content	0.0 mg
Mercury-free	Yes
Base (standard designation)	G5

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	A++
Energy consumption	29 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	ST5HO49-1.5M 26
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075819191
Declaration No. in SCIP database	In work

Equipment / Accessories

- Suitable for operation on electronic control gear

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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075819191	ST5HO49-HF 26 W/865 1449 mm HF	Shipping carton box 10 Pieces Sleeves	1518 mm x 153 mm x 80 mm	18.58 dm ³	2732.40 g

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.osram.com/substitute

Disclaimer

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

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