
ST5A-HF 26 W/840 1500 mm

SubstiTUBE Advanced | LED tubes for electronic high frequency control gears



Areas of application

- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product benefits

- Quick, simple and safe replacement without rewiring
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads
- Also suitable for operation at low temperatures
- No bending thanks to glass technology

Product features

- Bright, robust and durable
- For especially uniform illumination
- Lifetime: up to 50,000 h
- Mercury-free and RoHS compliant
- Type of protection: IP20



Technical data

Electrical data

Nominal wattage	26.00 W
Rated wattage	26.00 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz
Nominal current	0.22 A
Type of current	AC
Power factor λ	> 0.90

Photometrical data

Light color (designation)	Cool White
Color temperature	4000 K
Nominal luminous flux	3920 lm
Rated luminous flux	3920 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 4 sdc _m

Light technical data

Starting time	< 0.2 s
Warm-up time (60 %)	< 0.50 s
Rated beam angle (half peak value)	180.00 °

Dimensions & weight

Overall length	1463 mm
Length with base excl. base pins/connection	1449.00 mm
Tube diameter	16 mm
Base diameter	17.0 mm
Product weight	185.00 g
Maximum diameter	18.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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Lifespan

Nominal lamp life time	60000 h
Rated lamp life time	60000 h
Lumen main.fact.at end of nom.life time	0.70

Product datasheet

Number of switching cycles	200000
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Additional product data

Base (standard designation)	G5
Mercury-free	Yes

Capabilities

Dimmable	No
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Certificates & standards

Type of protection	IP20
Standards	CE; VDE
Energy efficiency class	A++
Energy consumption	26 kWh/1000h

Country specific categorizations

ILCOS	DR-26/840-G5-16/1500
Order reference	ST5A-1.5M 26W/8

Logistical data

Temperature range at storage	-20...80 °C
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Equipment / Accessories

– Suitable for operation on electronic control gear

Safety advice

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

Not suitable for operation with low-loss and conventional control gears

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899956674	ST5A-HF 26 W/840 1500 mm	Shipping carton box 25	1530 mm x 199 mm x 227 mm	69.11 dm ³	8199.00 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.

Product datasheet

References / Links

For current information see

▶ www.ledvance.com/substitute

Legal advice

When used to replace a T5 fluorescent lamp, the total energy efficiency and light distribution depends on the design of the lighting system.

Disclaimer

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