

PRODUCT DATASHEET

ST5A-DC 18 W/4000 K 1200 mm

SubstiTUBE Advanced DC T5 | LED tubes for operation with alternating current at 220...240 V line voltage



Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Offices, public buildings
- Corridors, stairways, parking garages
- Shops

Product benefits

- Instant 100 % light, no warm-up time
- Energy savings of up to 40 % compared to conventional T5 fluorescent lamps
- Low flicker light thanks to LED driver LVED PRO 20/220-240/550 CS

Product features

- Replacement for fluorescent lamps with G5 base
- Suitable only for operation with LED driver
- Dimmable with LED driver LVED PRO 20/220-240/550 CS
- High color consistency
- Mercury-free and RoHS compliant
- Luminous efficacy: up to 139 lm/W



TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	18.00 W
Nominal voltage	38 V
Nominal current	500 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	> 0.90

Photometrical data

Luminous flux	2500 lm
Luminous efficacy	138 lm/W
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840

Dimensions & Weight

Overall length	1163.20 mm
Diameter	16.80 mm
Product weight	142.00 g

Temperatures & operating conditions

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

Number of switching cycles	100000
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Additional product data

Base (standard designation)	G5
Mercury content	0.0 mg

Capabilities

Dimmable	Yes
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Country-specific categorizations

Order reference	ST5A-1.2M 18W/8
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G5
Length	1163.20 mm
Height	16.80 mm
Width	16.80 mm

Safety advice

– Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

DOWNLOAD DATA

Photometric and lighting design files	Document name
 IES file (IES)	IES files_AC13805 ST5A-1.2M 18W840 DC

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075208247	Sleeve 1	1,165 mm x 22 mm x 22 mm	163.00 g	0.54 dm ³
4058075208254	Shipping box 25	1,225 mm x 140 mm x 150 mm	4935.00 g	25.73 dm ³

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.

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.