

## PRODUCT DATASHEET

### ST5HE35-AC 18 W/6500 K 1447.80 mm

SubstiTUBE T5 ECO | LED tubes for operation with alternating current at 230 V line voltage



#### Areas of application

- Supermarkets and department stores
- Industry
- Public buildings, reception areas, offices, corridors, etc.
- General illumination within ambient temperatures from -20...+45 °C
- For indoor use only

#### Product benefits

- No bending thanks to glass technology
- Also suitable for operation at low temperatures
- Quick, simple and safe replacement

#### Product features

- Mercury-free and RoHS compliant
- Type of protection: IP20
- Professional LED lamps for line voltage



## TECHNICAL DATA

### Electrical data

Nominal wattage	18 W
Construction wattage	18.00 W
Nominal voltage	220...240 V
Nominal current	130 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	2000 lm
Nominal useful luminous flux 90°	2000 lm
Luminous efficacy	111 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	> 80
Light color	865
Standard deviation of color matching	≤6 sdcn

### Light technical data

Beam angle	› 160.00 °
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	1447.80 mm
Diameter	17.80 mm
Maximum diameter	18 mm
Product weight	121.94 g

### Temperatures & operating conditions

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

### Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70

#### Additional product data

Base (standard designation)	G5
Mercury content	0.0 mg

#### Capabilities

Dimmable	No
----------	----

#### Certificates & Standards

Type of protection	IP20
Standards	ROHS / EMC
Photobiological safety group acc. to EN62778	RG0



#### Country-specific categorizations

Order reference	ST535E-1.5M18W/
-----------------	-----------------

#### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G5
Length	1447.80 mm
Height	17.80 mm
Width	17.80 mm

#### DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	ST535E-1.5M18W 865 230V ACHE G5 OSRAM
	Light distribution curve type polar	ST535E-1.5M18W 865 230V ACHE G5 OSRAM

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075757301	Sleeve 1	1,470 mm x 19 mm x 19 mm	141.00 g	0.53 dm <sup>3</sup>
4058075757318	Shipping box 25	1,525 mm x 155 mm x 155 mm	4891.00 g	36.64 dm <sup>3</sup>

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.