

Product family datasheet

SubstiTUBE T5 HE UN

LED tubes for electronic high frequency control gears and AC mains



- Supermarkets and department stores Industry Public buildings, reception areas, offices, corridors, etc. General illumination within ambient temperatures from -20...+50 °C

- No bending thanks to glass technology Also suitable for operation at low temperatures High luminous flux for sophisticated lighting tasks
- Product features Tube made of glass Type of protection: IP20 Lifetime: up to 60,000 h Compatible with many common electronic control gears (see also compatibility list) and line voltage High color consistency: ≤ 5 SDCM Product benefits No bending thanks to glass technology Also suitable for operation at low temperatures High luminous flux for sophisticated lighting tasks Areas of application Supermarkets and department stores Industry Public buildings, reception areas, offices, corridors, etc. General illumination within ambient temperatures from -20...+50 °C 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. Safety advice Not suitable for operation with conventional control gear Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction. References / Links For current information see www.ledvance.com/substitube



Product family datasheet

Technical data

Product description	Electrical data		Photometrical data			Light technical data	Dimensions & weight
	Nominal wattage	Nominal voltage	Nominal luminous flux	Rated color temperature	Light color (designation)	Starting time	Overall length
ST5HE-UN 17 W/865 1100 mm	17.00 W	220...240 V	2600 lm	6500 K	Cool Daylight	< 0.5 s	1149 mm
ST5HE-UN 18 W/830 1400 mm	18.00 W	220...240 V	2550 lm	3000 K	Warm White	< 0.5 s	1449 mm
ST5HE-UN 18 W/840 1400 mm	18.00 W	220...240 V	2800 lm	4000 K	Cool White	< 0.5 s	1449 mm
ST5HE-UN 18 W/865 1400 mm	18.00 W	220...240 V	2800 lm	6500 K	Cool Daylight	< 0.5 s	1449 mm
ST5HE-UN 17 W/830 1100 mm	17.00 W	220...240 V	2350 lm	3000 K	Warm White	< 0.5 s	1149 mm
ST5HE-UN 17 W/840 1100 mm	17.00 W	220...240 V	2600 lm	4000 K	Cool White	< 0.5 s	1149 mm
ST5HE-UN 10 W/830 800 mm	10.00 W	220...240 V	1350 lm	3000 K	Warm White	< 0.5 s	849.0 mm
ST5HE-UN 10 W/840 800 mm	10.00 W	220...240 V	1500 lm	4000 K	Cool White	< 0.5 s	849.0 mm
ST5HE-UN 10 W/865 800 mm	10.00 W	220...240 V	1500 lm	6500 K	Cool Daylight	< 0.5 s	849.0 mm
ST5HE-UN 7 W/830 500 mm	7.00 W	220...240 V	900 lm	3000 K	Warm White	< 0.5 s	549.0 mm
ST5HE-UN 7 W/840 500 mm	7.00 W	220...240 V	1000 lm	4000 K	Cool White	< 0.5 s	549.0 mm
ST5HE-UN 7 W/865 500 mm	7.00 W	220...240 V	1000 lm	6500 K	Cool Daylight	< 0.5 s	549.0 mm

Product description	Lifespan				Additional product data	Capabilities	Certificates & standards
	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of service life	Base (standard designation)	Dimmable	Energy efficiency class
ST5HE-UN 17 W/865 1100 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 18 W/830 1400 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 18 W/840 1400 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 18 W/865 1400 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 17 W/830 1100 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 17 W/840 1100 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 10 W/830 800 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 10 W/840 800 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 10 W/865 800 mm	60000 h	60000 h	200000	0.70	G5	No	A++

Product family datasheet

Product description	Lifespan				Additional product data	Capabilities	Certificates & standards
	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of service life	Base (standard designation)	Dimmable	Energy efficiency class
ST5HE-UN 7 W/830 500 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 7 W/840 500 mm	60000 h	60000 h	200000	0.70	G5	No	A++
ST5HE-UN 7 W/865 500 mm	60000 h	60000 h	200000	0.70	G5	No	A++
Product description	Energy consumption	Country specific categorizations					
		Order reference					
ST5HE-UN 17 W/865 1100 mm	17 kWh/1000h	ST5HE28-1.2M 17					
ST5HE-UN 18 W/830 1400 mm	18 kWh/1000h	ST5HE35-1.5M 18					
ST5HE-UN 18 W/840 1400 mm	18 kWh/1000h	ST5HE35-1.5M 18					
ST5HE-UN 18 W/865 1400 mm	18 kWh/1000h	ST5HE35-1.5M 18					
ST5HE-UN 17 W/830 1100 mm	17 kWh/1000h	ST5HE28-1.2M 17					
ST5HE-UN 17 W/840 1100 mm	17 kWh/1000h	ST5HE28-1.2M 17					
ST5HE-UN 10 W/830 800 mm	10 kWh/1000h	ST5HE21-0.9M 10					
ST5HE-UN 10 W/840 800 mm	10 kWh/1000h	ST5HE21-0.9M 10					
ST5HE-UN 10 W/865 800 mm	10 kWh/1000h	ST5HE21-0.9M 10					
ST5HE-UN 7 W/830 500 mm	7 kWh/1000h	ST5HE14-0.6M 7W					
ST5HE-UN 7 W/840 500 mm	7 kWh/1000h	ST5HE14-0.6M 7W					
ST5HE-UN 7 W/865 500 mm	7 kWh/1000h	ST5HE14-0.6M 7W					

Product family datasheet



— ST5HE-UN 17 W/865 1100 mm,
ST5HE-UN 18 W/830 1400 mm,
ST5HE-UN 18 W/840 1400 mm,
ST5HE-UN 18 W/865 1400 mm,
ST5HE-UN 17 W/830 1100 mm,
ST5HE-UN 17 W/840 1100 mm,
ST5HE-UN 10 W/830 800 mm, ST5HE-
UN 10 W/840 800 mm, ST5HE-UN 10
W/865 800 mm, ST5HE-UN 7 W/830
500 mm, ST5HE-UN 7 W/840 500 mm,
ST5HE-UN 7 W/865 500 mm

Application advice

For more detailed application information and graphics please see product datasheet.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075138124	ST5HE-UN 17 W/865 1100 mm	Shipping carton box 10	1218 mm x 153 mm x 80 mm	14.91 dm ³	2201.00 g
4058075138025	ST5HE-UN 18 W/830 1400 mm	Shipping carton box 10	1495 mm x 157 mm x 89 mm	20.89 dm ³	2822.00 g
4058075138049	ST5HE-UN 18 W/840 1400 mm	Shipping carton box 10	1495 mm x 157 mm x 89 mm	20.89 dm ³	2822.00 g
4058075138063	ST5HE-UN 18 W/865 1400 mm	Shipping carton box 10	1495 mm x 157 mm x 89 mm	20.89 dm ³	2822.00 g
4058075138087	ST5HE-UN 17 W/830 1100 mm	Shipping carton box 10	1218 mm x 153 mm x 80 mm	14.91 dm ³	2201.00 g
4058075138100	ST5HE-UN 17 W/840 1100 mm	Shipping carton box 10	1218 mm x 153 mm x 80 mm	14.91 dm ³	2201.00 g
4058075138148	ST5HE-UN 10 W/830 800 mm	Shipping carton box 10	918 mm x 153 mm x 80 mm	11.24 dm ³	1514.00 g
4058075138162	ST5HE-UN 10 W/840 800 mm	Shipping carton box 10	918 mm x 153 mm x 80 mm	11.24 dm ³	1514.00 g
4058075138186	ST5HE-UN 10 W/865 800 mm	Shipping carton box 10	918 mm x 153 mm x 80 mm	11.24 dm ³	1514.00 g
4058075138209	ST5HE-UN 7 W/830 500 mm	Shipping carton box 10	595 mm x 157 mm x 89 mm	8.31 dm ³	1200.00 g
4058075138223	ST5HE-UN 7 W/840 500 mm	Shipping carton box 10	595 mm x 157 mm x 89 mm	8.31 dm ³	1200.00 g
4058075138247	ST5HE-UN 7 W/865 500 mm	Shipping carton box 10	595 mm x 157 mm x 89 mm	8.31 dm ³	1200.00 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.

Disclaimer

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

OSRAM is distribution partner
of LEDVANCE of LAMPS

OSRAM

OSRAM GmbH
Marcel-Breuer-Strasse 6
80807 Munich, Germany