

Product family datasheet

SubstiTUBE Advanced UO EM (shatterproof)

LED tubes for electromagnetic control gears



- General illumination within ambient temperatures from -20...+50 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 63 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads
- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks
- Shatter protection thanks to special PET coating
- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains

Product features

- For especially uniform illumination
- Lifetime: up to 60,000 h
- Mercury-free and RoHS compliant
- Type of protection: IP20
- Tube made of glass
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- VDE certified according to IEC62776



Product family datasheet

Product benefits

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 63 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads
- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks
- Shatter protection thanks to special PET coating
- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Support the implementation of the HACCP concepts from production through to presentation

Areas of application

- General illumination within ambient temperatures from -20...+50 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Equipment / Accessories

- Suitable for operation with low-loss and conventional control gears

Product family datasheet

Technical data

	Electrical data		Additional product data
Product description	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Appropriate disposal acc. to WEEE
ST8AU-EM 15.1 W/840 1200 mm	64	103	Yes
ST8AU-EM 15.1 W/865 1200 mm	64	103	Yes
ST8AU-EM 22.4 W/830 1500 mm	44	70	Yes
ST8AU-EM 22.4 W/840 1500 mm	44	70	Yes
ST8AU-EM 22.4 W/865 1500 mm	44	70	Yes
ST8AU-EM 7.3 W/840 600 mm	125	200	Yes
ST8AU-EM 11.3 W/840 900 mm	86	137	Yes
ST8AU-EM 11.3 W/865 900 mm	86	137	Yes
ST8AU-EM 14 W/840 1200 mm	70	112	Yes
ST8AU-EM 14 W/865 1200 mm	70	112	Yes
ST8AU-EM 20.6 W/840 1500 mm	48	76	Yes
ST8AU-EM 20.6 W/865 1500 mm	48	76	Yes
ST8AU-EM 15.1 W/830 1200 mm	64	103	Yes

Application advice

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

Logistical Data

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075136311	ST8AU-EM 15.1 W/840 1200 mm	Shipping carton box 10	1352 mm x 210 mm x 115 mm	32.65 dm ³	3179.00 g
4058075136335	ST8AU-EM 15.1 W/865 1200 mm	Shipping carton box 10	1352 mm x 210 mm x 115 mm	32.65 dm ³	3179.00 g
4058075136359	ST8AU-EM 22.4 W/830 1500 mm	Shipping carton box 10	1652 mm x 210 mm x 115 mm	39.90 dm ³	4060.00 g
4058075136373	ST8AU-EM 22.4 W/840 1500 mm	Shipping carton box 10	1652 mm x 210 mm x 115 mm	39.90 dm ³	4060.00 g
4058075136397	ST8AU-EM 22.4 W/865 1500 mm	Shipping carton box 10	1652 mm x 210 mm x 115 mm	39.90 dm ³	3720.00 g
4058075136410	ST8AU-EM 7.3 W/840 600 mm	Shipping carton box 10	742 mm x 210 mm x 115 mm	17.92 dm ³	1632.00 g
4058075136458	ST8AU-EM 11.3 W/840 900 mm	Shipping carton box 10	1048 mm x 210 mm x 115 mm	25.31 dm ³	2346.00 g
4058075136472	ST8AU-EM 11.3 W/865 900 mm	Shipping carton box 10	1048 mm x 210 mm x 115 mm	25.31 dm ³	2346.00 g
4058075136496	ST8AU-EM 14 W/840 1200 mm	Shipping carton box 10	1352 mm x 210 mm x 115 mm	32.65 dm ³	2979.00 g
4058075136519	ST8AU-EM 14 W/865 1200 mm	Shipping carton box 10	1352 mm x 210 mm x 115 mm	32.65 dm ³	2979.00 g
4058075136533	ST8AU-EM 20.6 W/840 1500 mm	Shipping carton box 10	1652 mm x 210 mm x 115 mm	39.90 dm ³	3820.00 g
4058075136557	ST8AU-EM 20.6 W/865 1500 mm	Shipping carton box 10	1652 mm x 210 mm x 115 mm	39.90 dm ³	3820.00 g
4058075136298	ST8AU-EM 15.1 W/830 1200 mm	Shipping carton box 10	1352 mm x 210 mm x 115 mm	32.65 dm ³	3179.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
--------------	---------------------	------------------------------	--------------------------------------	--------	--------------

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