

Product datasheet

ST8AU-EM 15.1 W/840 1200 mm

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 Support the implementation of the HACCP concepts from production through to presentation



Product datasheet

Technical data

Electrical data

Max. lamp no. on circuit break. 10 A (B)	64
Max. lamp no. on circuit break. 16 A (B)	103
Rated wattage	15.10 W
Operating frequency	50...60 Hz
Nominal wattage	15.10 W
Nominal voltage	220...240 V
Nominal current	0.07 A
Claimed equiv. conventional lamp power	36 W

Photometrical data

Standard deviation of color matching	≤ 5 sdc _m
Rated luminous flux	2500 lm
Nominal luminous flux	2500 lm
Rated color temperature	4000 K
Color rendering index Ra	83
Color temperature	4000 K
Light color (designation)	Cool White
Luminous flux	2500 lm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	190 °
Starting time	< 0.5 s

Dimensions & weight



Product weight	220.00 g
----------------	----------

Product datasheet

Length	1212 mm
Outer bulb	T8
Overall length	1212 mm
Diameter	26.7 mm

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
---------------------------	--------------

Lifespan

Nominal lamp life time	60000 h
Rated lamp life time	60000 h
Lumen maintenance at end of service life	0.70
Number of switching cycles	200000

Additional product data

Appropriate disposal acc. to WEEE	Yes
Successor EAN	4058075454644
Mercury content	0.0 mg
Mercury-free	Yes
Base (standard designation)	G13
Predecessor EAN	4058075818293

Capabilities

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

Certificates & standards

Energy efficiency class	A++
Energy consumption	16 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	ST8AU-1.2M 15,1
-----------------	-----------------

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075136311
Declaration No. in SCIP database	In work

Product datasheet

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

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 Pieces Sleeves	1352 mm x 210 mm x 115 mm	32.65 dm ³	3179.00 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