

# Product datasheet

## ST8AU-EM 2310 W/865 1500 mm

SubstiTUBE Advanced UO EM | LED tubes for electromagnetic control gear (CCG)



Technical data

Electrical data

|                                          |             |
|------------------------------------------|-------------|
| Rated wattage                            | 23.10 W     |
| Operating frequency                      | 50...60 Hz  |
| Max. lamp no. on circuit break. 10 A (B) | 43          |
| Max. lamp no. on circuit break. 16 A (B) | 69          |
| Nominal wattage                          | 23.10 W     |
| Nominal voltage                          | 220...240 V |
| Nominal current                          | 0.106 A     |
| Claimed equiv. conventional lamp power   | 58 W        |

Photometrical data

|                                         |               |
|-----------------------------------------|---------------|
| Standard deviation of color matching    | ≤5 sdcn       |
| Rated luminous flux                     | 3700 lm       |
| Nominal luminous flux                   | 3700 lm       |
| Rated color temperature                 | 6500 K        |
| Color rendering index Ra                | 83            |
| Color temperature                       | 6500 K        |
| Light color (designation)               | Cool Daylight |
| Luminous flux                           | 3700 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 | 225.00 g |
|----------------|----------|

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|                |         |
|----------------|---------|
| Length         | 1513 mm |
| Outer bulb     | T8      |
| Overall length | 1513 mm |
| Diameter       | 26.7 mm |

Temperatures & operating conditions

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

Lifespan

|                                          |         |
|------------------------------------------|---------|
| Nominal lamp life time                   | 50000 h |
| Rated lamp life time                     | 50000 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                     | 4058075612013                |
| Mercury content                   | 0.0 mg                       |
| Mercury-free                      | Yes                          |
| Base (standard designation)       | G13                          |
| Predecessor EAN                   | 4058075136397, 4058075454729 |

Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & standards

|                         |              |
|-------------------------|--------------|
| Energy efficiency class | C            |
| Energy consumption      | 24 kWh/1000h |
| Type of protection      | IP20         |

Country specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | ST8AU-1.5M 23,1 |
|-----------------|-----------------|

Environmental information

|                                                                       |                               |
|-----------------------------------------------------------------------|-------------------------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                               |
| Date of Declaration                                                   | 18-04-2022                    |
| Primary Article Identifier                                            | 4058075454729   4058075612013 |
| Declaration No. in SCIP database                                      | In work                       |

# Product datasheet

## Equipment / Accessories

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

## 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<br>(Pieces/Unit)          | Dimensions (length<br>x width x height) | Volume                | Gross weight |
|---------------|--------------------------------|------------------------------------------|-----------------------------------------|-----------------------|--------------|
| 4058075612013 | ST8AU-EM 2310<br>W/865 1500 mm | Shipping carton box<br>10 Pieces Sleeves | 1635 mm x 180 mm<br>x 95 mm             | 27.96 dm <sup>3</sup> | 3247.00 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.

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