PRODUCT DATASHEET
ST8AU-CON 24 W/4000K 1500 mm

SubstiTUBE Connected Advance Ultra Output | LED tubes for electromagnetic control gears

AREAS OF APPLICATION

– Applications with long operating times and difficult access for maintenance
– Corridors, stairways, parking garages
– Car parks
– Offices, public buildings
– SubstiTUBE Advanced Ultra Output Connected can be only operated with LEDVANCE Connected sensor

PRODUCT BENEFITS

– Easy to install and use
– No bending thanks to glass technology

PRODUCT FEATURES

– Network protocol: ZigBee 3.0
– LED lamp with wireless smart lighting function
– Lifetime: up to 50,000 h
– Operating temperature: -20...50 °C

TECHNICAL DATA

Electrical data

Rated wattage	24.00 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz
Nominal wattage	24.00 W
Nominal current	0.107 A
Type of current	AC
Power factor λ	> 0.90

Photometrical data

Rated color temperature	4000 K
Nominal luminous flux	3600 lm
Rated luminous flux	3600 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	3600 lm
Color rendering index Ra	83
Standard deviation of color matching	≤5 sdcm

Light technical data

Starting time	< 0.5 s
Warm-up time (60 %)	< 2.00 s
Rated beam angle (half peak value)	160.00 °

Dimensions & weight

Length with base excl. base pins/connection	1500.00 mm
Tube diameter	26.5 mm

Base diameter	28.0 mm
Product weight	252.00 g
Overall length	1513 mm

Temperatures & operating conditions

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

Lifespan

Lifespan	50000 h
Nominal lamp life time	50000 h
Rated lamp life time	50000 h
Number of switching cycles	200000

Additional product data

Base (standard designation)	G13
Product remark	When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system/Not usable in luminaires with serial lamp connection, i.e. more than one tube at one magnetic ballast (tandem circuitry)

Capabilities

Dimmable	No

Certificates & standards

Type of protection	IP20
Standards	CE
Energy efficiency class	A++
Energy consumption	23 kWh/1000h

Country-specific categorizations

Order reference	ST8AU-1.5M 24W/

Logistical data

Temperature range at storage	-20...+80 °C

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

LOGISTICAL DATA

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

4058075187634	Sleeves 1	1605 mm x 29 mm x 29 mm	286.00 g	1.35 dm³
4058075187641	Shipping carton box 10	1652 mm x 210 mm x 115 mm	3702.00 g	39.90 dm³

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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