

PRODUCT FAMILY DATASHEET

SubstiTUBE Connected Advanced 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

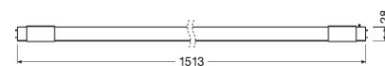
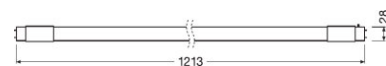
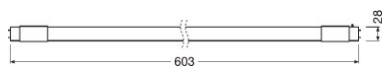
Product description	Electrical data						Photometrical data				
	Rated wattage	Nominal voltage	Operating frequency	Nominal wattage	Nominal current	Type of current	Color temperature	Nominal luminous flux	Rated luminous flux	Lumen main.fact.at end of nom.life time	Light color (designation)
ST8AU-CON 7.5 W/4000K 600 mm ¹⁾	7.50 W	220...240 V	50...60 Hz	7.50 W	0.038 A	AC	4000 K	1100 lm	1100 lm	0.70	Cool White
ST8AU-CON 7.5 W/6500K 600 mm ¹⁾	7.50 W	220...240 V	50...60 Hz	7.50 W	0.038 A	AC	6500 K	1100 lm	1100 lm	0.70	Cool Daylight
ST8AU-CON 16 W/4000K 1200 mm ¹⁾	16.00 W	220...240 V	50...60 Hz	16.00 W	0.073 A	AC	4000 K	2400 lm	2400 lm	0.70	Cool White
ST8AU-CON 16 W/6500K 1200 mm ¹⁾	16.00 W	220...240 V	50...60 Hz	16.00 W	0.073 A	AC	6500 K	2400 lm	2400 lm	0.70	Cool Daylight
ST8AU-CON 24 W/4000K 1500 mm ¹⁾	24.00 W	220...240 V	50...60 Hz	24.00 W	0.107 A	AC	4000 K	3600 lm	3600 lm	0.70	Cool White
ST8AU-CON 24 W/6500K 1500 mm ¹⁾	24.00 W	220...240 V	50...60 Hz	24.00 W	0.107 A	AC	6500 K	3600 lm	3600 lm	0.70	Cool Daylight

Product description	Color temperature	Luminous flux	Color rendering index Ra	Light technical data			Dimensions & weight			
				Starting time	Rated beam angle (half peak value)	Warm-up time (60 %)	Tube diameter	Base diameter	Product weight	Overall length
ST8AU-CON 7.5 W/4000K 600 mm ¹⁾	4000 K	1100 lm	83	< 0.5 s	160.00 °	< 2.00 s	26.5 mm	28.0 mm	117.00 g	603.0 mm
ST8AU-CON 7.5 W/6500K 600 mm ¹⁾	6500 K	1100 lm	83	< 0.5 s	160.00 °	< 2.00 s	26.5 mm	28.0 mm	117.00 g	603.0 mm
ST8AU-CON 16 W/4000K 1200 mm ¹⁾	4000 K	2400 lm	83	< 0.5 s	160.00 °	< 2.00 s	26.5 mm	28.0 mm	214.00 g	1213 mm
ST8AU-CON 16 W/6500K 1200 mm ¹⁾	6500 K	2400 lm	83	< 0.5 s	160.00 °	< 2.00 s	26.5 mm	28.0 mm	214.00 g	1213 mm
ST8AU-CON 24 W/4000K 1500 mm ¹⁾	4000 K	3600 lm	83	< 0.5 s	160.00 °	< 2.00 s	26.5 mm	28.0 mm	252.00 g	1513 mm
ST8AU-CON 24 W/6500K 1500 mm ¹⁾	6500 K	3600 lm	83	< 0.5 s	160.00 °	< 2.00 s	26.5 mm	28.0 mm	252.00 g	1513 mm

Product description	Temperatures & operating conditions	Lifespan		Additional product data	Capabilities	Certificates & standards	Logistical data
	Ambient temperature range	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Dimmable	Type of protection	Temperature range at storage
ST8AU-CON 7.5 W/4000K 600 mm ¹⁾	-20...+50 °C	50000 h	200000	G13	No	IP20	-20...+80 °C
ST8AU-CON 7.5 W/6500K 600 mm ¹⁾	-20...+50 °C	50000 h	200000	G13	No	IP20	-20...+80 °C

Product description	Temperatures & operating conditions	Lifespan		Additional product data	Capabilities	Certificates & standards	Logistical data
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ST8AU-CON 16 W/4000K 1200 mm ¹⁾	-20...+50 °C	50000 h	200000	G13	No	IP20	-20...+80 °C
ST8AU-CON 16 W/6500K 1200 mm ¹⁾	-20...+50 °C	50000 h	200000	G13	No	IP20	-20...+80 °C
ST8AU-CON 24 W/4000K 1500 mm ¹⁾	-20...+50 °C	50000 h	200000	G13	No	IP20	-20...+80 °C
ST8AU-CON 24 W/6500K 1500 mm ¹⁾	-20...+50 °C	50000 h	200000	G13	No	IP20	-20...+80 °C

¹⁾ 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)



ST8AU-CON 7.5 W/4000K 600 mm,
ST8AU-CON 7.5 W/6500K 600 mm

ST8AU-CON 16 W/4000K 1200 mm,
ST8AU-CON 16 W/6500K 1200 mm

ST8AU-CON 24 W/4000K 1500 mm,
ST8AU-CON 24 W/6500K 1500 mm

SAFETY ADVICE

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

APPLICATION ADVICE

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075187344	Shipping carton box 10	742 mm x 210 mm x 115 mm	1779.00 g	17.92 dm ³
4058075187368	Shipping carton box 10	742 mm x 210 mm x 115 mm	1779.00 g	17.92 dm ³
4058075187382	Shipping carton box 10	1352 mm x 210 mm x 115 mm	3121.00 g	32.65 dm ³
4058075187405	Shipping carton box 10	1352 mm x 210 mm x 115 mm	3121.00 g	32.65 dm ³
4058075187641	Shipping carton box 10	1652 mm x 210 mm x 115 mm	3702.00 g	39.90 dm ³
4058075187665	Shipping carton box 10	1652 mm x 210 mm x 115 mm	3702.00 g	39.90 dm ³

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.