



StoreFit

ST210Y 27S/830 PSU MB WH

ST210Y StoreFit CL trunk gen2, 48.5 W, Power supply unit (On/Off), Medium-beam reflector high reflectance, 24°

Retailers are always looking for ways to reduce their environmental footprint and energy cost. With this StoreFit projector, conventional CDM luminaires can be replaced effortlessly with LED, leading to significantly less power consumption. The subtle and compact design reduces the visibility of the StoreFit projector in the store, and keeps shoppers' attention on the merchandise available on the shelves. As an affordable LED projector, this spot will enable you to start saving on energy costs straight away.

Warnings and Safety

- Cleaning the optic should only be done with pressurized air. Touching the LED or reflector is forbidden.
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

Product data

General Information	
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
Product family code	ST210Y [ST210Y StoreFit CL trunk gen2]
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark

Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	5,800 lumen
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	830 warm white

Optic type	Medium-beam reflector high reflectance
Luminaire light beam spread	24°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	25.6 A
Inrush time	0.208 ms
Power Consumption	48.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	25

Temperature

Ambient temperature range	-10 to +35 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	-
Optical cover/lens material	-
Fixation material	-
Housing Color	White
Optical cover/lens finish	-
Overall length	565 mm
Overall width	69 mm
Overall height	167 mm
Dimensions (Height x Width x Depth)	167 x 69 x 565 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Initial Performance (IEC Compliant)

Initial chromaticity	(0.4338, 0.4030) SDCM <3
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-5%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	10 %
50000 h	
Lumen maintenance at median useful life*	L80
50000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871869998278200
Order product name	ST210Y 27S/830 PSU MB WH
Order code	98278200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505102059
Full product name	ST210Y 27S/830 PSU MB WH
EAN/UPC - Case	8718699982782
EAN/UPC - Product/Case	8718699982782

Dimensional drawing



