



StoreFit

ST210Y 39S/830 DIA MB WH

StoreFit, CoreLine trunking variant (double spot head), 58 W, 8200 lm, 3000 K, DALI, Interact Ready, Medium beam, White

CoreLine trunking variant (double spot head), Aluminum, White, Dali dimming Interact System ready, 8200 lm, 58 W, 142 lm/W, 3000 K, (0.434,0.403)<3, Medium beam, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, 3C Track

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 color	
Light source replaceable	No	Light source color	830 warm white
Number of gear units	2 units	Optic type	Medium beam
Driver included	Yes	Luminaire light beam spread	24°
Service tag	Yes	Unified glare rating CEN	22
Lighting Technology	LED	Operating and Electrical	
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	5 years	Line Frequency	50 to 60 Hz
Light Technical		Inrush current	18 A
Luminous Flux	8,200 lm	Inrush time	250 ms
Correlated Color Temperature (Nom)	3000 K	Power Consumption	58 W
Luminous Efficacy (rated) (Nom)	142 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	>80	Connection	3C Track
Beam angle of light source	120 degree(s)	Cable	-
		Number of products on MCB of 16 A type B	17

Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™ with extended data: Parts 251/252/253
Maximum dim level	1%
Connectivity	Interact Ready

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Aluminum and polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Overall length	565 mm
Overall width	83 mm
Overall height	167 mm
Overall diameter	0 mm
Dimensions (Height x Width x Depth)	167 x 83 x 565 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.400 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.5

Ambient temperature range	+10 to +35 °C
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Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.434,0.403)<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Sustainability Data

Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	ST210Y 39S/830 DIA MB WH
Full product name	ST210Y 39S/830 DIA MB WH
Full product code	871869998286700
Order code	910505102066
Material Nr. (12NC)	910505102066
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699982867
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699982867
Product family code	ST210Y [ST210Y StoreFit CL trunk gen2]

Dimensional drawing

