



StoreFit

ST210T 27S/830 WIA MB WH

StoreFit, Track projector, 21 W, 2700 lm, 3000 K, Wireless, Interact Ready, Medium beam, White

Track projector, Aluminum, White, Wireless driver Interact System ready, 2700 lm, 21 W, 128 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		Operating and Electrical	
Light source replaceable	No	Light source color	830 warm white
Number of gear units	1 unit	Optic type	Medium beam
Driver included	Yes	Luminaire light beam spread	24°
Service tag	Yes	Unified glare rating CEN	22
Lighting Technology	LED	Input Voltage	220 to 240 V
Value ladder	Performance	Line Frequency	50 to 60 Hz
Warranty period	5 years	Inrush current	8.07 A
Light Technical		Inrush time	31 ms
Luminous Flux	2,700 lm	Power Consumption	21 W
Correlated Color Temperature (Nom)	3000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	128 lm/W	Connection	3C Track
Color rendering index (CRI)	>80	Cable	-
Beam angle of light source	120 degree(s)	Number of products on MCB of 16 A type B	24

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

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready
Control interface	Wireless
Constant light output	No
Maximum dim level	Not applicable
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	162 mm
Overall width	83 mm
Overall height	176 mm
Overall diameter	0 mm
Dimensions (Height x Width x Depth)	176 x 83 x 162 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.460 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

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
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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.
Embedded carbon (A1-A3)	12.1 kg CO ₂ e
Product non-virgin material ratio	10.3 %
Recyclable content ratio of the finished product	50.6 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)
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	ST210T 27S/830 WIA MB WH
Full product name	ST210T 27S/830 WIA MB WH
Full product code	872016901186100
Order code	910505102548
Material Nr. (12NC)	910505102548
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169011861
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169011861
Product family code	ST210T [STOREFIT]

Dimensional drawing

