



# StoreFit

## ST210T 27S/840 PSU MB BK

StoreFit, Track projector, 20 W, 2800 lm, 4000 K, Medium beam, Black

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		Operating and Electrical	
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	140 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	Yes	Beam angle of light source	120 degree(s)
Lighting Technology	LED	Light source color	840 neutral white
Value ladder	Performance	Optic type	Medium beam
Warranty period	5 years	Luminaire light beam spread	24°
		Unified glare rating CEN	22
Light Technical		Operating and Electrical	
Luminous Flux	2,800 lm	Input Voltage	220 to 240 V

Line Frequency	50 to 60 Hz
Inrush current	14,1 A
Inrush time	131 ms
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	3C Track
Cable	-
Number of products on MCB of 16 A type B	60
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

### Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Aluminum and polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	Black
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	(0.382,0.380)<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.
Embedded carbon (A1-A3)	12.1 kg CO <sub>2</sub> e
Product non-virgin material ratio	10.3 %
Recyclable content ratio of the finished product	50.6 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)
GWP total B6 (kg CO <sub>2</sub> 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 <sub>2</sub> eq / kwh)

### Product Data

Order product name	ST210T 27S/840 PSU MB BK
Full product name	ST210T 27S/840 PSU MB BK
Full product code	871869998270600
Order code	910505102051
Material Nr. (12NC)	910505102051
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699982706
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699982706
Product family code	ST210T [STOREFIT]

Dimensional drawing

