StoreFit

ST210T 27S/830 WIA WB BK

STOREFIT, 22 W, Power supply unit (On/Off), Wide beam, 30°

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		EU RoHS compliant	Yes
Light source replaceable	No		
Number of gear units	1 unit	**Light Technical**	
Driver included	Yes	Luminous Flux	2,700 lumen
Product family code	ST210T [STOREFIT]	Saturated Red (R9)	>50
Connectivity	Interact Ready	Correlated Color Temperature (Nom)	3000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	122 lm/W
Value ladder	Value	Color rendering index (CRI)	≥80
CE mark	Yes	Beam angle of light source	120 degree(s)
Warranty period	5 years	Light source color	830 warm white
Flammability mark	–	Optic type	Wide beam
ENEC mark	ENEC mark	Luminaire light beam spread	30°
Glow-wire test	Temperature 650 °C, duration 30 s		

StoreFit

Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	8.07 A
Inrush time	31 ms
Power Consumption	22 W
Power Factor (Fraction)	0.9
Connection	Track
Cable	–
Number of products on MCB of 16 A type B	51

Temperature

Ambient temperature range	–10 to +35 °C

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 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

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)

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

Over Time Performance (IEC Compliant)

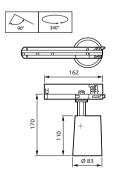|	
Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

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

Product Data

Full product code	872016901189200
Order product name	ST210T 27S/830 WIA WB BK
Order code	910505102551
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910505102551
Full product name	ST210T 27S/830 WIA WB BK
EAN/UPC – Case	8720169011892
EAN/UPC – Product/Case	8720169011892

Dimensional drawing

www.lighting.philips.com

2023, September 29 – data subject to change