StoreFit

ST210T 27S/840 PSU WB WH

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	2,800 lumen
Product family code	ST210T [STOREFIT]	Saturated Red (R9)	>50
Lighting Technology	LED	Correlated Color Temperature (Nom)	4000 K
Value ladder	Value	Luminous Efficacy (rated) (Nom)	127 lm/W
CE mark	Yes	Color rendering index (CRI)	≥80
Warranty period	5 years	Beam angle of light source	120 degree(s)
Flammability mark	–	Light source color	840 neutral white
ENEC mark	ENEC mark	Optic type	Wide beam
Glow-wire test	Temperature 650 °C, duration 30 s	Luminaire light beam spread	30°

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Unified glare rating CEN	Not applicable	Mech. impact protection code	IK02 [0.2 J standard]
		Sustainability rating	–
Operating and Electrical		Protection class IEC	Safety class I
Input Voltage	220 to 240 V	Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Line Frequency	50 to 60 Hz		
Inrush current	8.75 A		
Inrush time	0.19 ms	**Initial Performance (IEC Compliant)**	
Power Consumption	22 W	Luminous flux tolerance	+/-10%
Power Factor (Fraction)	0.9	Initial chromaticity	(0.3818, 0.3797) SDCM <3
Connection	Track	Power consumption tolerance	+/-5%
Cable	–		
Number of products on MCB of 16 A type B	48	**Over Time Performance (IEC Compliant)**	
		Control gear failure rate at median useful life 50000 h	10 %
Temperature			
Ambient temperature range	–10 to +35 °C	Lumen maintenance at median useful life* 50000 h	L80
Controls and Dimming			
Dimmable	No	**Application Conditions**	
Driver/power unit/transformer	Power supply unit (On/Off)	Performance ambient temperature Tq	25 °C
Constant light output	No	Maximum dim level	Not applicable
		Suitable for random switching	Not applicable
Mechanical and Housing			
Housing Material	Aluminum	**Product Data**	
Reflector material	Aluminum	Full product code	871869998269000
Optic material	–	Order product name	ST210T 27S/840 PSU WB WH
Optical cover material	–	Order code	910505102050
Fixation material	–	Numerator – Quantity Per Pack	1
Housing Color	White	Numerator – Packs per outer box	1
Optical cover finish	–	Material Nr. (12NC)	910505102050
Overall length	162 mm	Full product name	ST210T 27S/840 PSU WB WH
Overall width	83 mm	EAN/UPC – Case	8718699982690
Overall height	176 mm	EAN/UPC – Product/Case	8718699982690
Overall diameter	83 mm		
Dimensions (Height x Width x Depth)	176 x 83 x 162 mm		

Approval and Application

Ingress protection code	IP20 [Finger–protected]

Dimensional drawing

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www.lighting.philips.com

2023, October 6 – data subject to change