



StoreFit

ST210Y 27S/830 DIA MB WH

ST210Y StoreFit CL trunk gen2, 50 W, Power supply unit with DALI and SystemReady interface, Interact ready, Medium-beam reflector high reflectance, 24°

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

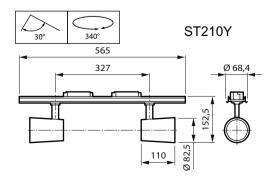
General Information		ENEC mark	ENEC mark
Light source replaceable	No	Glow-wire test	Temperature 650 °C, duration 30
Number of gear units	2 units	EU RoHS compliant	Yes
Driver included	Yes		
Product family code	ST210Y [ST210Y StoreFit CL trunk gen2]	Light Technical	
Lighting Technology	LED	Luminous Flux	5,800 lumen
Value ladder	Value	Saturated Red (R9)	>50
CE mark	Yes	Correlated Color Temperature (Nom)	3000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	116 lm/W
Flammability mark	_	Color rendering index (CRI)	≥80

StoreFit

Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Medium-beam reflector high reflectance
Luminaire light beam spread	24°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	36 A
Inrush time	0.25 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	17
Temperature	
Ambient temperature range	-10 to +35 °C
Controls and Dimming	
Dimmable	Wireless Dim
Driver/power unit/transformer	Power supply unit with DALI and
	SystemReady interface, Interact ready
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Aluminum
Optic material	-
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Overall length	565 mm
Overall width	69 mm
Overall height	167 mm

Dimensions (Height x Width x Depth)	167 x 69 x 565 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%
Control gear failure rate at median useful life	≥ 10 %
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	≥ 10 % L80
50000 h Lumen maintenance at median useful life*	
50000 h Lumen maintenance at median useful life* 50000 h	
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	L80
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	L80 25 °C
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L80 25 °C 1%
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	L80 25 °C 1%
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	L80 25 °C 1% Not applicable
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code	L80 25 °C 1% Not applicable 871869998279900
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name	L80 25 °C 1% Not applicable 871869998279900 ST210Y 27S/830 DIA MB WH
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code	L80 25 °C 1% Not applicable 871869998279900 ST210Y 27S/830 DIA MB WH 910505102060
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack	L80 25 °C 1% Not applicable 871869998279900 ST210Y 275/830 DIA MB WH 910505102060 1
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	L80 25 °C 1% Not applicable 871869998279900 ST210Y 27S/830 DIA MB WH 910505102060 1 1
50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material Nr. (12NC)	L80 25 °C 1% Not applicable 871869998279900 ST210Y 27S/830 DIA MB WH 910505102060 1 1 1

Dimensional drawing



StoreFit



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, October 6 - data subject to change