PHILIPS Lighting



StyliD

ST730C LED12S/830 PSU WB WH

STYLID MINI G3 SURFACE, LED module, system flux 1200 lm, 830 warm white, Power supply unit, DC compatible for central emergency lighting, Wide beam, White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, StyliD is the ideal energy-efficient solution for today's demanding retail environments, covering a variety of lighting applications, with including CrispWhite for fashion stores and Food recipes for supermarkets.

Product data

General Information	
Lamp family code	LED12S [LED module, system flux 1200 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	ST730C [STYLID MINI G3 SURFACE]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,200 lm

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Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	114.28571428571429 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Wide beam
Optical cover type	-
Luminaire light beam spread	36°

Optical cover finish	Clear
Overall length	218 mm
Overall width	73 mm
Overall height	159 mm
Dimensions (Height x Width x Depth)	159 x 73 x 218 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14 A
Inrush time	0.25 ms
Power Consumption	10.2 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type 24	

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Complia	ant)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	

5 %

useful life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	

Control gear failure rate at median

Application Conditions

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Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes

Product Data	
Order product name	ST730C LED12S/830 PSU WB WH
Full product name	ST730C LED12S/830 PSU WB WH
Full product code	871869684826500
Order code	84826500
Material Nr. (12NC)	910500457349
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696848265
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696848265

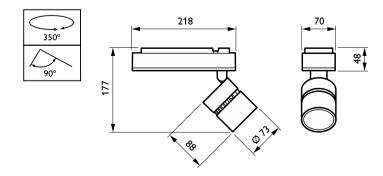
Temperature Ambient temperature range

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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit, DC compatible for central
	emergency lighting
Constant light output	No
Mechanical and Housing	
Housing Material	Metal-Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	Polyamide
Housing Color	White

+10 to +40 °C

Dimensional drawing



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