



StyliD

ST740S LED17S/CH PSD-VLC WB BK

StyliD Comp. Maxos fusion, Champagne, Power supply unit, DC compatible for central emergency lighting, Wide beam, Black

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. StyliD family features full passive cooling for the complete range that allows faster payback in the Performance size as well.

Product data

General Information		Warranty period	
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s
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.	EU RoHS compliant	Yes
Light Technical			
Product family code	ST740S [StyliD Comp. Maxos fusion]	Luminous Flux	1,650 lm
Lighting Technology	LED	Correlated Color Temperature (Nom)	2700 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	114.58333333333333 lm/W
		Color rendering index (CRI)	≥90
		Beam angle of light source	120 degree(s)
		Light source color	Champagne

Optic type	Wide beam
Luminaire light beam spread	34°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.25 ms
Power Consumption	14.4 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit, DC compatible for central emergency lighting
Control interface	DALI
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	-
Housing Color	Black
Optical cover finish	Clear
Overall length	172 mm
Overall width	84 mm

Overall height	184 mm
Dimensions (Height x Width x Depth)	184 x 84 x 172 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.45, 0.41) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	ST740S LED17S/CH PSD-VLC WB BK
Full product name	ST740S LED17S/CH PSD-VLC WB BK
Full product code	871869939944300
Order code	910500465323
Material Nr. (12NC)	910500465323
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699399443
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699399443

Dimensional drawing



