



StyliD

ST740S LED49S/PW930 PSD-VLC VWB BK

StyliD Comp. Maxos fusion, Premium white with CRI ≥90, Power supply unit with DALI interface, Very 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	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
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.	Glow-wire test	Temperature 650 °C, duration 5 s
Product family code	ST740S [StyliD Comp. Maxos fusion]	EU RoHS compliant	Yes
Lighting Technology	LED	Light Technical	
CE mark	Yes	Luminous Flux	4,900 lm
		Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	98.98989898989899 lm/W
		Color rendering index (CRI)	≥90
		Beam angle of light source	120 degree(s)
		Light source color	Premium white with CRI ≥90

Optic type	Very wide beam
Luminaire light beam spread	54°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	24.9 A
Inrush time	186 ms
Power Consumption	49.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	27
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
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	(0.42, 0.38) 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 LED49S/PW930 PSD-VLC VWB BK
Full product name	ST740S LED49S/PW930 PSD-VLC VWB BK
Full product code	871869917825300
Order code	910500465035
Material Nr. (12NC)	910500465035
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699178253
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699178253

Dimensional drawing

