StyliD

ST740S LED19S/FMT PSD-VLC WB BK

StyliD Comp. Maxos fusion, Fresh meat, Power supply unit with DALI interface, 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

Light source replaceable	No
Number of gear units	1 unit
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	ST740S [StyliD Comp. Maxos fusion]
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

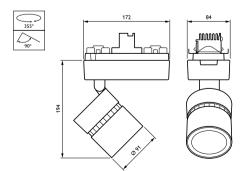|	
Luminous Flux	1,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	70.37037037037037 lm/W
Color rendering index (CRI)	≥85
Beam angle of light source	120 degree(s)
Light source color	Fresh meat

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Optic type	Wide beam		Dimensions (Height x Width x Depth)	184 x 84 x 172 mm
Luminaire light beam spread	34°			
Unified glare rating CEN	Not applicable		**Approval and Application**	
			Ingress protection code	IP20 [Finger-protected]
Operating and Electrical			Mech. impact protection code	IK02 [0.2 J standard]
Input Voltage	220 to 240 V		Protection class IEC	Safety class II
Line Frequency	50 to 60 Hz			
Inrush current	20.4 A		**Initial Performance (IEC Compliant)**	
Inrush time	0.195 ms		Luminous flux tolerance	+/-10%
Power Consumption	27 W		Initial chromaticity	(0.40, 0.33) SDCM<3
Power Factor (Fraction)	0.9		Power consumption tolerance	+/-10%
Connection	Push-in connector and pull relief			
Cable	–		**Over Time Performance (IEC Compliant)**	
Number of products on MCB of 16 A type B	24		Control gear failure rate at median useful life 50000 h	5 %
			Lumen maintenance at median useful life* 50000 h	L80
Temperature				
Ambient temperature range	+10 to +40 °C		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Controls and Dimming			Maximum dim level	1%
Dimmable	Yes		Suitable for random switching	Yes
Driver/power unit/transformer	Power supply unit with DALI interface			
Control interface	DALI		**Product Data**	
Constant light output	No		Order product name	ST740S LED19S/FMT PSD-VLC WB BK
			Full product name	ST740S LED19S/FMT PSD-VLC WB BK
Mechanical and Housing			Full product code	871869917804800
Housing Material	Metal–Plastic		Order code	910500465014
Reflector material	Polycarbonate aluminum coated		Material Nr. (12NC)	910500465014
Optic material	Polycarbonate		Numerator – Quantity Per Pack	1
Optical cover material	Polymethyl methacrylate		EAN/UPC – Product/Case	8718699178048
Fixation material	–		Numerator – Packs per outer box	1
Housing Color	Black		EAN/UPC – Case	8718699178048
Optical cover finish	Clear			
Overall length	172 mm			
Overall width	84 mm			
Overall height	184 mm			

Dimensional drawing

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www.lighting.philips.com

2023, September 4 – data subject to change