

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.

Product data

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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 Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	70.37037037037037 lm/W
Colour rendering index (CRI)	≥85
Beam angle of light source	120 degree(s)
Light source colour	Fresh meat
Optic type	Wide beam

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Luminaire light beam spread	34°
Unified Glare Rating (CEN)	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	27 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

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	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	Black
Optical cover/lens 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	(0.40, 0.33) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

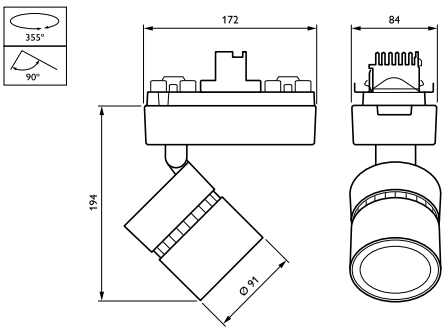
Application Conditions

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

Product Data

Order product name	ST740S LED19S/FMT PSD-VLC WB BK
Full product name	ST740S LED19S/FMT PSD-VLC WB BK
Full EOC	871869917804800
Order code	17804800
Material no. (12 NC)	910500465014
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699178048
Numerator – packs per outer box	1
EAN/UPC - Case	8718699178048

Dimensional drawing





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2023, April 29 - data subject to change