StyliD

ST740T LED39S/830 PSD-VLC WB BK

STYLID COMPACT G3 TRACK, LED Module, system flux 3900 lm, 830 warm white, Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated), 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

Lamp family code	LED39S [LED Module, system flux 3900 lm]
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	ST740T [STYLID COMPACT G3 TRACK]
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	3,900 lm
Correlated Colour Temperature	3000 K

StyliD

Luminous efficacy (rated) (nom.)	123.80952380952381 lm/W		Overall length	279 mm
Colour rendering index (CRI)	≥80		Overall width	89 mm
Beam angle of light source	120 degree(s)		Overall height	191 mm
Light source colour	830 warm white		Dimensions (height x width x depth)	191 x 89 x 279 mm
Optic type	Wide beam			
Optical cover type	–			
Luminaire light beam spread	34°			

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5.3 A
Inrush time	0.70 ms
Power Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Push–in connector and pull relief
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC–compatible for central emergency lighting (integrated)
Control interface	DALI
Constant light output	No

Mechanical and Housing

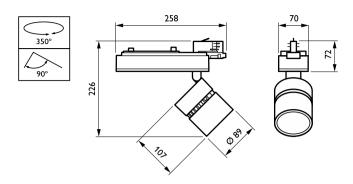|	
Housing material	Metal–Plastic
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	–
Housing Colour	Black
Optical cover/lens finish	Clear

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	(0.43, 0.40) 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	ST740T LED39S/830 PSD–VLC WB BK
Full product name	ST740T LED39S/830 PSD–VLC WB BK
Full EOC	871869684848700
Order code	84848700
Material no. (12 NC)	910500457371
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696848487
Numerator – packs per outer box	1
EAN/UPC – Case	8718696848487

StyliD

Dimensional drawing

www.lighting.philips.com

2023, April 29 – data subject to change