PHILIPS Lighting



StyliD

ST740T LED27S/930 PSU MB BK

STYLID COMPACT G3 TRACK, LED Module, system flux 2700 lm, 930 warm white, Power supply unit, DC-compatible for central emergency lighting, Medium 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

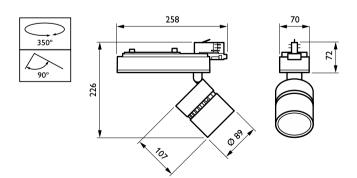
General Information		
Lamp family code	LED27S [LED Module, system flux 2700 lm]	
Light source replaceable	No	
Number of gear units	Unit	
Driver included	Yes	
Remarks	*- According to the Lighting Europe guidance	
	paper 'Evaluating performance of LED based	
	luminaires – January 2018': statistically there 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	2,700 lm		
Correlated Colour Temperature	3000 K		
Luminous efficacy (rated) (nom.)	105.88235294117646 lm/W		
Colour rendering index (CRI)	≥90		

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Beam angle of light source	120 degree(s)	Overall width	89 mm
Light source colour	930 warm white	Overall height	179 mm
Optic type	Medium beam	Dimensions (height x width x depth)	179 x 89 x 258 mm
Optical cover type	-		
Luminaire light beam spread	24°	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	14.5 A	Initial Performance (IEC Compliant)	
Inrush time	0.22 ms	Luminous flux tolerance	+/-10%
Power Consumption	25.5 W	Initial chromaticity	(0.43, 0.40) 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	32	Control gear failure rate at median	5 %
type B		useful life 50,000 h	
		Lumen maintenance at median useful	L80
Temperature		life* 50,000 h	
Ambient temperature range	+10 to +40 °C		
		Application Conditions	
Controls and Dimming		Performance ambient temperature Tq	25 °C
Dimmable	No	Suitable for random switching	Yes
Driver/power unit/transformer	Power supply unit, DC-compatible for central		
	emergency lighting	Product Data	
Constant light output	No	Order product name	ST740T LED27S/930 PSU MB BK
		Full product name	ST740T LED27S/930 PSU MB BK
Mechanical and Housing		Full EOC	871869684839500
Housing material	Metal-Plastic	Order code	84839500
Reflector material	Aluminium and polycarbonate	Material no. (12 NC)	910500457362
Optic material	Polycarbonate	SAP numerator – quantity per pack	1
Optical cover/lens material	Polymethyl methacrylate	EAN/UPC — Product/Case	8718696848395
Fixation material	-	Numerator – packs per outer box	1
Housing Colour	Black	EAN/UPC - Case	8718696848395
Optical cover/lens finish	Clear		
Overall length	258 mm		

Dimensional drawing



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