PHILIPS Lighting



TrueFashion

ST712T LED27S/PW9-3500 PSU FR24 BK

TrueFashion Compact Drv. In Track, Premium white with CRI ≥90, 3500 K, Power supply unit (On/Off), Beam angle 24°, Black

TrueFashion is the LED projector family catering to the miniaturisation and presentation needs of specialised retailers. Firstly, these miniaturised spots, with clean and fine detailing, offer contemporary design and blend seamlessly into your shop's interior for a tailor-made look. Secondly, it provides high-quality accentuation effect thanks to its innovative OptiAccent lens technology (FPO), which provides higher central intensity beam without spill light to maximise the contrast ratio hence optimising the accent effect. Especially in challenging narrow spot (12D) and spot (18D) applications, the difference of OptiAccent to Chip on Board and reflector optics is like day and night. OptiAccent also reduces direct glare by a factor of 5 to enable superior visual comfort. Lastly, TrueFashion also takes care of the light spectra: the specially designed Philips LED flavours enhance colours (saturation) and whites, while offering high degree of fidelity (<gt/>CRI90). This is how TrueFashion ensures a superior light experience in your retail applications.

Warnings and Safety

- The luminaire should be mounted outside of arm's reach
- The luminaire should be installed and disassembled by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements

Product data

General Information			luminaires - January 2018": statistically there
Light source replaceable	No	_	is no relevant difference in lumen
Number of gear units	1 unit	_	maintenance between B50 and for example
Driver included	Yes	_	B10. Therefore, the median useful life (B50)
Remarks	*-Per Lighting Europe guidance paper	_	value also represents the B10 value.
	"Evaluating performance of LED based	Service tag	Yes

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Product family code	ST712T [TrueFashion Compact Drv. In Track]
Lighting Technology Value ladder	LED
CE mark	Specification
	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,400 lm
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	86 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	Beam angle 24°
Luminaire light beam spread	24°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5 A
Inrush time	0.05 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	34
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum

Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polymethyl methacrylate Fixation material _ Housing Color Black Optical cover finish Clear Overall length 162 mm Overall width 80 mm Overall height 168 mm Dimensions (Height x Width x Depth) 168 x 80 x 162 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	(0.39, 0.37) SDCM <3	
Power consumption tolerance	+/-10%	

Over Time	Performance	(IEC Compliant)	
Over mile	renormance	(ince compliant)	

Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	

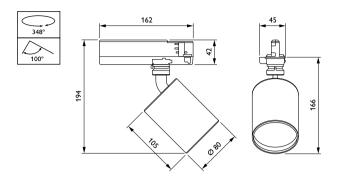
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Troduct Data	
Order product name	ST712T LED27S/PW9-3500 PSU FR24 BK
Full product name	ST712T LED27S/PW9-3500 PSU FR24 BK
Full product code	871869939913900
Order code	39913900
Material Nr. (12NC)	910500465306
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699399139
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699399139

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Dimensional drawing





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