PHILIPS Lighting



TrueFashion

ST712T LED27S/PW9-3500 PSU FR24 WH

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

TrueFashion is the LED projector family answering miniaturization and presentation needs of specialized retailers. Firstly, these miniaturized spots with clean and fine detailing offer contemporary design and blend seamlessly into your store 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 maximize the contrast ratio hence optimize 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 has the light spectra taken care of: the specially designed Philips LED flavors enhance colors (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

TrueFashion

Product family code	ST712T [TrueFashion Compact Drv. In Track]
Lighting Technology	LED
Value ladder	Specification
CE mark	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	White			
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)				
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				
Order product name	ST712T LED27S/PW9-3500 PSU FR24 WH			
Full product name	ST712T LED27S/PW9-3500 PSU FR24 WH			
Full product code	871869939912200			
Order code	910500465305			
Material Nr. (12NC)	910500465305			

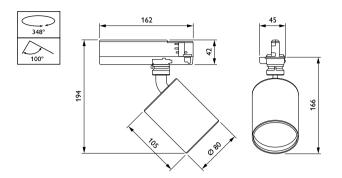
Numerator - Quantity Per Pack 1 8718699399122 EAN/UPC - Product/Case Numerator - Packs per outer box 1 EAN/UPC - Case 8718699399122

Housing Material

Aluminum

TrueFashion

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change