PHILIPS Lighting



TrueFashion

ST712T LED20S/PW9-3500 PSU FR12 WH

TrueFashion Compact Drv. In Track, Premium white with CRI ≥90, 3500 K, Power supply unit (On/Off), Beam angle 12°, 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

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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	2,000 lm
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	75 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 12°
Luminaire light beam spread	12°
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	26.5 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
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Mechanical and Housing	

Aluminum

Housing Material

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 life*	L80
50000 h	

Application Conditions

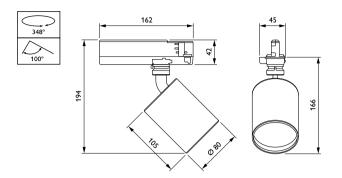
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

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Order product name	ST712T LED20S/PW9-3500 PSU FR12 WH
Full product name	ST712T LED20S/PW9-3500 PSU FR12 WH
Full product code	871869939911500
Order code	910500465304
Material Nr. (12NC)	910500465304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699399115
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699399115

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Dimensional drawing





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