# **PHILIPS** Lighting



# **TrueFashion**

# ST712T LED27S/PW9-3500 PSU FR36 WH

TrueFashion Compact Drv. In Track, Premium white with CRI ≥90, 3500 K, Power supply unit (On/Off), Beam angle 36°, White

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

## **TrueFashion**

Product family code	ST712T [TrueFashion Compact Drv. In Track]
Lighting Technology	LED
Value ladder	
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 36°
Luminaire light beam spread	36°
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 Dimmins	
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum

Housing Ma	aterial
------------	---------

**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		
IP20 [Finger-protected]		
IK02 [0.2 J standard]		
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	

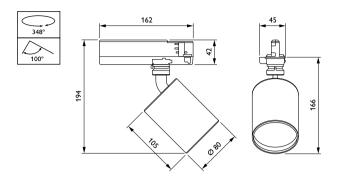
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

#### Product Data

ST712T LED27S/PW9-3500 PSU FR36 WH
ST712T LED27S/PW9-3500 PSU FR36 WH
871869939914600
39914600
910500465307
1
8718699399146
1
8718699399146

## **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, April 29 - data subject to change