# **PHILIPS** Lighting



# **TrueFashion**

# ST712T LED27S/PW9-3000 PSU FR24 WH

TrueFashion Compact Drv. In Track, Premium white with CRI ≥90, 3000 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

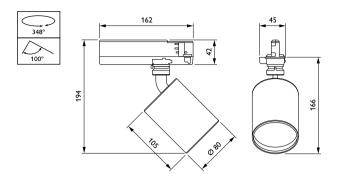
## TrueFashion

Draduct family code	ST712T ITrueFachion Compact Dry In Track
Product family code	ST712T [TrueFashion Compact Drv. In Track]
Lighting Technology	
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)	3000 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	(0.42, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	l 5%
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes
Product Data	
Order product name	ST712T LED27S/PW9-3000 PSU FR24 WH
Full product name	ST712T LED27S/PW9-3000 PSU FR24 WH
Full product code	871869939905400
Order code	871869939905400 910500465297
	871869939905400
Order code	871869939905400 910500465297
Order code Material Nr. (12NC)	871869939905400 910500465297 910500465297
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869939905400 910500465297 910500465297 1

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#### Dimensional drawing





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