# **PHILIPS** Lighting



# **TrueFashion**

# ST710T LED27S/PW9-3000 PSU FR24 WH

TrueFashion Compact, Premium white with CRI ≥90, 3000 K, Power supply unit (On/Off), Beam angle 24°, 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	
Remarks	s*-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	ST710T [TrueFashion Compact]	
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	2,700 lm	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	92 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°	

Optic material	Polycarbonate	
Optical cover material	Polymethyl methacrylate	
Fixation material	-	
Housing Color	White	
Optical cover finish	Clear	
Overall length	177 mm	
Overall width	80 mm	
Overall height	188 mm	
Dimensions (Height x Width x Depth)	188 x 80 x 177 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 Compliant)	Over Time	Performance	(IEC Compliant)
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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

Flouder Data		
Order product name	ST710T LED27S/PW9-3000 PSU FR24 WH	
Full product name	ST710T LED27S/PW9-3000 PSU FR24 WH	
Full product code 871869939210900		
Order code	39210900	
Material Nr. (12NC)	910500465155	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699392109	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699392109	

Operating	and E	lectri	ical
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Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	18 A	
Inrush time	0.25 ms	
Power Consumption	29.5 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of succession MCD of 16 A turns	24	

Number of products on MCB of 16 A type 34

Temperature

Ambient temperature range

#### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum

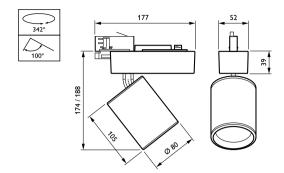
+10 to +40 °C

Reflector material Polycarbonate aluminum coated

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## Dimensional drawing





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