



# **TrueFashion**

## ST710T LED27S/PW9-3000 PSU FR18 WH

TrueFashion Compact, Premium white with CRI ≥90, 3000 K, Power supply unit (On/Off), Beam angle 18°, 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/>CRI9O). This is how TrueFashion ensures a superior light experience in your retail applications.

#### **Warnings and Safety**

- $\cdot$  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

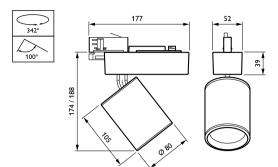
Datasheet, 2023, April 29 data subject to change

## **TrueFashion**

Product family code	ST710T [TrueFashion Compact]	Optic material	Polycarbonate	
Lighting Technology	LED	Optical cover material Polymethyl methacrylate		
Value ladder	Specification	Fixation material -		
CE mark	Yes	Housing Color White		
Warranty period	5 years	Optical cover finish	Clear	
Flammability mark	-	Overall length	177 mm	
ENEC mark	ENEC mark	Overall width 80 mm		
Glow-wire test	Temperature 650 °C, duration 30 s	Overall height 188 mm		
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth) 188 x 80 x 177 mm		
Light Technical		Approval and Application		
Luminous Flux	2,700 lm	Ingress protection code IP20 [Finger-protected]		
Correlated Color Temperature (Nom)	3000 K	Mech. impact protection code IK02 [0.2 J standard]		
Luminous Efficacy (rated) (Nom)	92 lm/W	Protection class IEC	Safety class II	
Color rendering index (CRI)	90			
Beam angle of light source	120 degree(s)	Initial Performance (IEC Compliant)		
Light source color	Premium white with CRI ≥90	Luminous flux tolerance	+/-10%	
Optic type	Beam angle 18°	Initial chromaticity	(0.42, 0.38) SDCM <3	
Luminaire light beam spread	18°	Power consumption tolerance	+/-10%	
Operating and Electrical		Over Time Performance (IEC Compliant)		
Input Voltage	220 to 240 V	Control gear failure rate at median useful 5 %		
Line Frequency	50 to 60 Hz	life 50000 h		
Inrush current	18 A	Lumen maintenance at median useful	L80	
Inrush time	0.25 ms	life* 50000 h		
Power Consumption	29.5 W			
Power Factor (Fraction)	0.9	Application Conditions		
Connection	Push-in connector and pull relief	Performance ambient temperature Tq	25 ℃	
Cable	-	Suitable for random switching	Yes	
Number of products on MCB of 16 A type	9 34			
В		Product Data		
		Order product name	ST710T LED27S/PW9-3000 PSU FR18 WH	
Temperature		Full product name	ST710T LED27S/PW9-3000 PSU FR18 WH	
Ambient temperature range	+10 to +40 °C	Full product code	871869939209300	
		Order code	39209300	
Controls and Dimming		Material Nr. (12NC)	910500465154	
Dimmable	No	Numerator - Quantity Per Pack		
Driver/power unit/transformer	Power supply unit (On/Off)	<b>EAN/UPC - Product/Case</b> 8718699392093		
Constant light output	No	Numerator - Packs per outer box 1		
		EAN/UPC - Case	8718699392093	
Mechanical and Housing				
Housing Material	Aluminum			
Reflector material	Polycarbonate aluminum coated			

## **TrueFashion**

### Dimensional drawing





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