



# **TrueFashion**

## ST710T LED27S/PW9-3000 PSD CLM20 BK

TrueFashion Compact, LED module 2700 lm, Premium white with CRI ≥90, 3000 K, Power supply unit with DALI interface, Beam angle 18°, Black

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		
Lamp family code	LED27 [LED module 2700 lm]	
Cap-Base	- [-]	
Light source replaceable	No	

Number of gear units	1 unit
Gear	-
Driver included	Yes

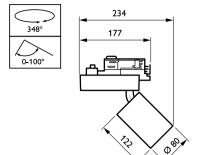
Datasheet, 2023, April 29 data subject to change

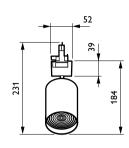
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Remarks	*-Per Lighting Europe guidance paper	Constant light output	No
	"Evaluating performance of LED based		
	luminaires - January 2018": statistically there	Mechanical and Housing	
	is no relevant difference in lumen	Housing Material	Aluminum
	maintenance between B50 and for example	Reflector material	
	B10. Therefore, the median useful life (B50)	Optic material	Polycarbonate
	value also represents the B10 value.	Optical cover material	Polymethyl methacrylate
Service tag	Yes	Fixation material	
Product family code	ST710T [TrueFashion Compact]	Housing Color	Black
Lighting Technology	LED	Optical cover finish	Clear
Value ladder	Specification	Overall length	7 inch
CE mark	Yes	Overall width	3-3/16 inch
Warranty period	5 years	Overall height	7-7/16 inch
Flammability mark	-	Dimensions (Height x Width x Depth)	188 x 80 x 177 mm
ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 30 s	Approval and Application	
EU RoHS compliant	Yes	Ingress protection code	IP20 [Finger-protected]
		Mech. impact protection code	IKO2 [0.2 J standard]
Light Technical		Protection class IEC	Safety class II
Luminous Flux	2,700 lm		
Correlated Color Temperature (Nom)	3000 K	Initial Performance (IEC Compliant)	
Luminous Efficacy (rated) (Nom)	92 lm/W	Luminous flux tolerance	+/-10%
Color rendering index (CRI)	90	Initial chromaticity	(0.42, 0.38) SDCM <3
Beam angle of light source	120 degree(s)	Power consumption tolerance	+/-10%
Light source color	Premium white with CRI ≥90		
Optic type	Beam angle 18°	Over Time Performance (IEC Compliant)	
Luminaire light beam spread	18°	Control gear failure rate at median useful	
		life 50000 h	
Operating and Electrical		Lumen maintenance at median useful life	* L80
Input Voltage	220 to 240 V	50000 h	
Line Frequency	50 to 60 Hz		
Initial CLO power consumption	- W W	Application Conditions	
Average CLO power consumption	- W W	Performance ambient temperature Tq	25 ℃
End CLO power consumption	- W	Maximum dim level	1%
Inrush current	18 A	Suitable for random switching	Yes
Inrush time	0.25 ms		
Power Consumption	29.5 W	Product Data	
Power Factor (Fraction)	0.9	Order product name	ST710T LED27S/PW9-3000 PSD CLM20 BK
Connection	Push-in connector and pull relief	Full product name	ST710T LED27S/PW9-3000 PSD CLM20 BK
Cable	-	Full product code	871869939537700
Number of products on MCB of 16 A type	34	Local code description	ST710T LED27S/PW9-3000 PSD CLM20 BK
В		- <del></del>	·
		Order code	910500465231
Temperature		Material Nr. (12NC)	910500465231
Ambient temperature range	+50 to +104 °F	Local order code	
Ambient temperature range	.50 to 1104 1	Numerator - Quantity Per Pack	1
Controls and Dimming		EAN/UPC - Product/Case	8718699395377
Controls and Dimming	Voc	Numerator - Packs per outer box	1
Driver / newer unit / transformer	Yes Power supply unit with DALL interface	EAN/UPC - Case	8718699395377
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI		

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### Dimensional drawing







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