PHILIPS Lighting



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

- $\boldsymbol{\cdot}$ 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		Number of gear units	1 unit
Lamp family code	LED27 [LED module 2700 lm]	Gear	-
Cap-Base	- [-]	Driver included	Yes
Light source replaceable	No		

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Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
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 18°
Luminaire light beam spread	18°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
	- W
End CLO power consumption	- w 18 A
Inrush time	0.25 ms
	29.5 W
Power Consumption	
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	- 34
Number of products on MCB of 16 A type	34
В	
Tomporatura	
Temperature	10 10 10 10 10
Ambient temperature range	+10 to +40 °C
Controls and Dimmins	
Controls and Dimming	Ma a
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	Black
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)	
+/-10%	
(0.42, 0.38) SDCM <3	
+/-10%	

Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful 5 %		
life 50000 h		
Lumen maintenance at median useful life* L80		
50000 h		

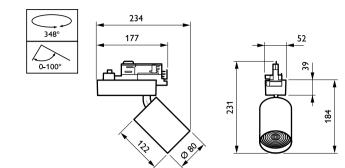
Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes

Product Data Order product name ST710T LED27S/PW9-3000 PSD CLM20 BK Full product name ST710T LED27S/PW9-3000 PSD CLM20 BK Full product code 871869939537700 Order code 910500465231 Material Nr. (12NC) 910500465231 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718699395377 Numerator - Packs per outer box 1 EAN/UPC - Case 8718699395377

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Dimensional drawing





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