



# **TrueFashion**

## ST710T LED27S/PW9-3000 PSD FR24 BK

TrueFashion Compact, Premium white with CRI ≥90, 3000 K, Power supply unit with DALI interface, Beam angle 24°, Black

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**

- $\cdot$  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	Unit	maintenance between the B50 and, for
Driver included	Yes	example, the B10. Therefore, the median
Remarks	*- According to the Lighting Europe guidance	useful life (B50) value also represents the
	paper 'Evaluating performance of LED based	B10 value.

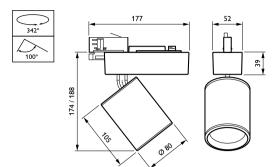
Datasheet, 2023, April 29 data subject to change

## **TrueFashion**

Product family code	ST710T [TrueFashion Compact]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover/lens material	Polymethyl methacrylate
Value ladder	Specification	Fixation material	-
CE mark	Yes	Housing Colour	Black
Warranty period	5 years	Optical cover/lens 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 Colour Temperature	3000 K	Mech. impact protection code	IKO2 [0.2 J standard]
Luminous efficacy (rated) (nom.)	92 lm/W	Protection class IEC	Safety class II
Colour rendering index (CRI)	90		
Beam angle of light source	120 degree(s)	Initial Performance (IEC Compliant)	
Light source colour	Premium white with CRI ≥90	Luminous flux tolerance	+/-10%
Optic type	Beam angle 24°	Initial chromaticity	(0.42, 0.38) SDCM <3
Luminaire light beam spread	24°	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 50,000 h	
Inrush current	18 A	Lumen maintenance at median useful	L80
Inrush time	0.25 ms	life* 50,000 h	
Power Consumption	29.5 W		
Power Factor (Fraction)	0.9	<b>Application Conditions</b>	
Connection	Push-in connector and pull relief	Performance ambient temperature Tq	25 ℃
Cable	-	Maximum dim level	1%
Number of products on MCB of 16 A type	34	Suitable for random switching	Yes
В			
		Product Data	
Temperature		Order product name	ST710T LED27S/PW9-3000 PSD FR24 BK
Ambient temperature range	+10 to +40 °C	Full product name	ST710T LED27S/PW9-3000 PSD FR24 BK
		Full EOC	871869939531500
Controls and Dimming		Order code	39531500
Dimmable	Yes	Material no. (12 NC)	910500465225
Driver/power unit/transformer	Power supply unit with DALI interface	SAP numerator – quantity per pack	1
Control interface	DALI	EAN/UPC — Product/Case	8718699395315
Constant light output	No	Numerator – packs per outer box	1
		EAN/UPC - Case	8718699395315
Mechanical and Housing			
Housing material	Aluminium		
Reflector material	Aluminium and polycarbonate		

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### Dimensional drawing





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