



# TrueFashion

## ST720T LED-XNB/PW9-3000 PSD CLM6 BK

TrueFashion Highlight, Premium white with CRI ≥90, 3000 K,  
Power supply unit with DALI interface, Beam angle 6°, 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 (>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 is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	No	
Number of gear units	Unit	
Driver included	Yes	
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based	

Product family code	ST720T [TrueFashion Highlight]
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	1,150 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	60 lm/W
Colour rendering index (CRI)	90
Beam angle of light source	120 degree(s)
Light source colour	Premium white with CRI ≥90
Optic type	Beam angle 6°
Luminaire light beam spread	6°
Unified Glare Rating (CEN)	Not applicable

#### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5 A
Inrush time	0.05 ms
Power Consumption	19.2 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	34

#### Temperature

Ambient temperature range	+10 to +40 °C
---------------------------	---------------

#### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

#### Mechanical and Housing

Housing material	Aluminium
Reflector material	-

Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	Black
Optical cover/lens finish	Clear
Overall length	220 mm
Overall width	118 mm
Overall height	280 mm
Dimensions (height x width x depth)	280 x 118 x 220 mm

#### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
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)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

#### Application Conditions

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

#### Product Data

Order product name	ST720T LED-XNB/PW9-3000 PSD CLM6 BK
Full product name	ST720T LED-XNB/PW9-3000 PSD CLM6 BK
Full EOC	871869939220800
Order code	39220800
Material no. (12 NC)	910500465165
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699392208
Numerator – packs per outer box	1
EAN/UPC - Case	8718699392208

Dimensional drawing

