# **PHILIPS** Lighting



# **TrueFashion**

# ST720T LED-XNB/PW9-3000 PSU CLM6 SI

TrueFashion Highlight, Premium white with CRI ≥90, 3000 K, Power supply unit (On/Off), Beam angle 6°, Silver

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

- 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.

## **TrueFashion**

Product family code	ST720T [TrueFashion Highlight]
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Lighting Technology 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
	1,150 lm 3000 K
Correlated Colour Temperature	
Luminous efficacy (rated) (nom.)	60 lm/W
Colour rendering index (CRI)	90 120 dogroo(c)
Beam angle of light source	120 degree(s) Premium white with CRI ≥90
Light source colour	Beam angle 6°
Optic type	
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	18 A
Inrush time	0.25 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	34
B	
-	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)

Aluminium

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#### Mechanical and Housing

Housing material Reflector material

Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	Silver
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)
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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	5 %
life 50,000 h	
Lumen maintenance at median useful life*	L80
50,000 h	

#### Application Conditions

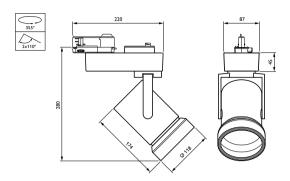
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

#### Product Data

Order product name	ST720T LED-XNB/PW9-3000 PSU CLM6 SI
Full product name	ST720T LED-XNB/PW9-3000 PSU CLM6 SI
Full EOC	871869939219200
Order code	39219200
Material no. (12 NC)	910500465164
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699392192
Numerator – packs per outer box	1
EAN/UPC - Case	8718699392192

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#### Dimensional drawing





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