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 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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

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Product family code	ST720T [TrueFashion Highlight]		Optic material	Polycarbonate
Lighting Technology	LED		Optical cover material	Polymethyl methacrylate
Value ladder	Specification		Fixation material	–
CE mark	Yes		Housing Color	Black
Warranty period	5 years		Optical cover finish	Clear
Flammability mark	–		Overall length	220 mm
ENEC mark	ENEC mark		Overall width	118 mm
Glow-wire test	Temperature 650 °C, duration 30 s		Overall height	280 mm
EU RoHS compliant	Yes		Dimensions (Height x Width x Depth)	280 x 118 x 220 mm

Light Technical

Luminous Flux	1,150 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	60 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 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	Aluminum
Reflector material	–

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 50000 h	5 %
Lumen maintenance at median useful life* 50000 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 product code	871869939220800
Order code	910500465165
Material Nr. (12NC)	910500465165
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699392208
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699392208

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Dimensional drawing