



TrueFashion

ST705T LED20S/PW930 PSU CLM18 BK

TrueFashion2 Mini, 3000 K, Power supply unit (On/Off), 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

- 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		Service tag	
Cap-Base	- [-]	Product family code	ST705T [TrueFashion2 Mini]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Specification
Gear	-	CE mark	Yes
Driver included	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	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	79 lm/W
Color rendering index (CRI)	90
Beam angle of light source	120 degree(s)
Light source color	-
Optic type	Beam angle 18°
Optical cover type	Structured bowl/cover
Luminaire light beam spread	18°
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	24.5 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 +35 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
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	Textured
Overall length	135 mm
Overall width	66 mm
Overall height	199 mm
Overall diameter	66 mm
Dimensions (Height x Width x Depth)	199 x 66 x 135 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)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.422, 0.386)
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.1 %
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
Suitable for random switching	No

Product Data

Order product name	ST705T LED20S/PW930 PSU CLM18 BK
Full product name	ST705T LED20S/PW930 PSU CLM18 BK
Full product code	871869941269200
Order code	910500465727
Material Nr. (12NC)	910500465727
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699412692
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699412692

Dimensional drawing

