



# TrueFashion

## ST705T 20S/PW930 PSU CLM18 WH

TrueFashion, Track projector, 18.8 W, 2000 lm, 3000 K, CRI>90, Beam angle 18°, White

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 (>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		Value ladder	Specification
Light source replaceable	No	Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Sustainability rating	Unclassified
Service tag	Yes		
Lighting Technology	LED		

Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source color	PremiumWhite with CRI ≥90 and color temperature 3000K
Optic type	Beam angle 18°
Luminaire light beam spread	18°
Unified glare rating CEN	22

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	- W
Inrush current	18 A
Inrush time	250 ms
Power Consumption	18.8 W
Power Factor (Fraction)	0.9
Connection	3C Track
Cable	-
Number of products on MCB of 16 A type B	34
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
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
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Net Weight (Piece)	0.600 kg
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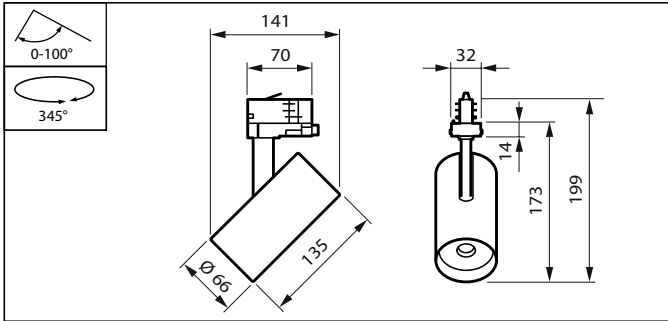
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.5
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.422,0.386)<2
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤2

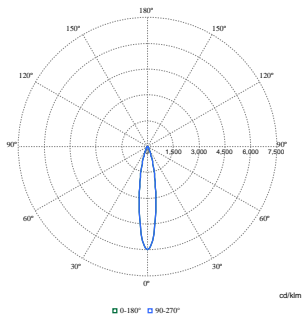
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	10 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L85

Product Data	
Order product name	ST705T 20S/PW930 PSU CLM18 WH
Full product name	ST705T 20S/PW930 PSU CLM18 WH
Full product code	872016901269100
Order code	910505102250
Material Nr. (12NC)	910505102250
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169012691
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169012691
Product family code	ST705T [TrueFashion2 Mini]

Dimensional drawing



Photometric data



Polar Normal (separate) - ST705TI - 910505102250

