

TrueFashion

ST710T LED20S/830 PSU FR12 WH

TrueFashion Compact, 830 warm white, 3000 K, Power supply unit (On/Off), Beam angle 12°, White

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	
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 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.

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Product family code	ST710T [TrueFashion Compact]
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	2,200 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	85 lm/W
Colour rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Beam angle 12°
Luminaire light beam spread	12°

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	26 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	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	177 mm
Overall width	80 mm
Overall height	188 mm
Dimensions (height x width x depth)	188 x 80 x 177 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	(0.43, 0.40) 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

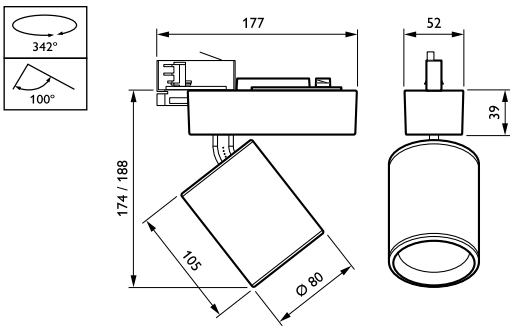
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Order product name	ST710T LED20S/830 PSU FR12 WH
Full product name	ST710T LED20S/830 PSU FR12 WH
Full EOC	871869939206200
Order code	39206200
Material no. (12 NC)	910500465151
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699392062
Numerator – packs per outer box	1
EAN/UPC - Case	8718699392062

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Dimensional drawing



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