# **PHILIPS** Lighting



# **TrueFashion**

# ST710T LED20S/PW9-3000 PSD FR12 WH

TrueFashion Compact, Premium white with CRI ≥90, 3000 K, Power supply unit with DALI interface, 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		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 B10
	paper 'Evaluating performance of LED based	value.

## **TrueFashion**

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	1,850 lm	
Correlated Colour Temperature	3000 K	
Luminous efficacy (rated) (nom.)	70 lm/W	
Colour rendering index (CRI)	90	
Beam angle of light source	120 degree(s)	
Light source colour	Premium white with CRI ≥90	
Optic type	Beam angle 12°	
Luminaire light beam spread	12°	

Optic materialPolycarbonateOptical cover/lens materialPolymethyl methacrylateFixation material-Housing ColourWhiteOptical cover/lens finishClearOverall length177 mmOverall width80 mmOverall height188 mmDimensions (height x width x depth)188 x 80 x 177 mm		
Fixation material -   Housing Colour White   Optical cover/lens finish Clear   Overall length 177 mm   Overall width 80 mm   Overall height 188 mm	Optic material	Polycarbonate
Housing ColourWhiteOptical cover/lens finishClearOverall length177 mmOverall width80 mmOverall height188 mm	Optical cover/lens material	Polymethyl methacrylate
Optical cover/lens finish Clear   Overall length 177 mm   Overall width 80 mm   Overall height 188 mm	Fixation material	-
Overall length 177 mm   Overall width 80 mm   Overall height 188 mm	Housing Colour	White
Overall width 80 mm   Overall height 188 mm	Optical cover/lens finish	Clear
Overall height     188 mm	Overall length	177 mm
	Overall width	80 mm
Dimensions (height x width x depth) 188 x 80 x 177 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	(0.42, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	

Over	Timo E	Performance	(IEC Cor	nnliant)
Over	I IIIIe F	renormance		Ilblia

Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	

Application Conditions	
25 ℃	
1%	
Yes	

#### Product Data

Flouder Data	
Order product name	ST710T LED20S/PW9-3000 PSD FR12 WH
Full product name	ST710T LED20S/PW9-3000 PSD FR12 WH
Full EOC	871869939530800
Order code	39530800
Material no. (12 NC)	910500465224
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699395308
Numerator – packs per outer box	1
EAN/UPC - Case	8718699395308

#### **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	26.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of the dusts of MCD of 10 A time	34

Number of products on MCB of 16 A type 34

Temperature

Ambient temperature range

#### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

+10 to +40 °C

Aluminium

#### Mechanical and Housing

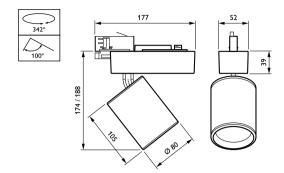
Housing material

Reflector material Aluminium and polycarbonate

в

## **TrueFashion**

#### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change