



TrueFashion

ST712T LED27S/PW9-4000 PSU FR24 BK

TrueFashion Compact Drv. In Track - Premium white with CRI ≥ 90 - 4000 K - Power supply unit - Beam angle 24° - Black

TrueFashion is a dedicated LED spot family catering to the specific needs of fashion retailers. These miniaturised spots, with clean and fine detailing, offer contemporary design and blend seamlessly into your shop's interior for a tailor-made look. This spot family provides the best quality of light by using innovative lenses to optimise the contrasts within the shop. Thanks to the Philips fashion light flavours that are specifically developed to enhance colours and visual qualities, TrueFashion ensures a superior light experience. TrueFashion also supports your global expansion plans by being prepared for international certifications. In addition, we offer dedicated logistics and a local presence globally. Fashion is evolving rapidly towards a new balance between online and offline shopping. TrueFashion creates an optimal shopper experience to attract and engage the shopper, while bringing the connected future of lighting in the shop by being ready to connect to Philips fashion concepts, such as Dynamic Window and EasyAim.

Product data

General Information			
Beam angle of light source	120 °	Cable	-
Light source colour	Premium white with CRI ≥ 90	Protection class IEC	Safety class II
Light source replaceable	No	Glow-wire test	Temperature 650 °C, duration 30 s
Number of gear units	1 unit	Flammability mark	NO [-]
Driver/power unit/transformer	PSU [Power supply unit]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optic type	24 [Beam angle 24°]	Warranty period	5 years
Luminaire light beam spread	24°	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen
Connection	Push-in connector and pull relief		

	maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	34
RoHS mark	RoHS mark
Product Family Code	ST712T [TrueFashion Compact Drv. In Track]

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	5 A
Inrush time	0.05 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate aluminium coated
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Optical cover/lens finish	Clear
Overall length	162 mm
Overall width	80 mm
Overall height	168 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	2400 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	86 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	90
Initial chromaticity	(0.37, 0.36) SDCM <3
Initial input power	28 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

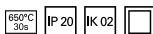
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

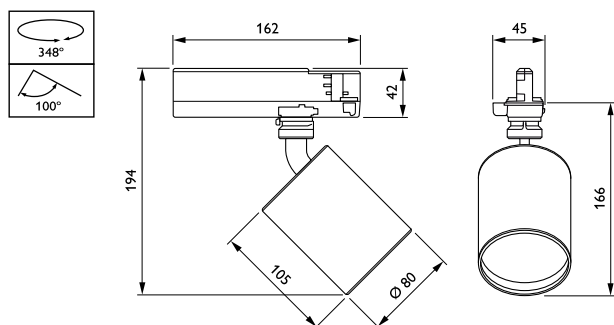
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869939917700
Order product name	ST712T LED27S/PW9-4000 PSU FR24 BK
EAN/UPC – product	8718699399177
Order code	39917700
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500465310
Net weight (piece)	0.610 kg



Dimensional drawing



TrueFashion ST700T-ST721T

