



CoreLine Projector

ST120T LED8S-24-/830 PSU BK

CORELINE PROJECTOR, LED Module, system flux 800 lm, 24 degree(s), 830 warm white, Power supply unit (On/Off), Black

The CoreLine Projector range of luminaires is designed to replace halogen and CDM-standard-based projectors. Their clean lines and attractive TCO help customers to make the switch to LED. These luminaires create a natural lighting effect for use in accent lighting applications. They also deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution. They are easy to install on a standard track or by means of a surface-mount connector.

Product data

General Information		Warranty period	
Lamp family code	LED8S [LED Module, system flux 800 lm]	Flammability mark	-
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Driver included	Yes	EU RoHS compliant	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	Light Technical	
Product family code	ST120T [CORELINE PROJECTOR]	Luminous Flux	800 lm
Lighting Technology	LED	Correlated Color Temperature (Nom)	3000 K
Value ladder	Value	Luminous Efficacy (rated) (Nom)	73 lm/W
CE mark	Yes	Color rendering index (CRI)	80
		Number of light sources	1
		Beam angle of light source	24 degree(s)
		Light source color	830 warm white
		Optic type	Beam angle 24°

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Luminaire light beam spread	24°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	3.4 A
Inrush time	28 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	40
Temperature	
Ambient temperature range	0 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	Black
Optical cover finish	Textured
Overall length	102 mm

Overall width	77 mm
Overall height	135 mm
Overall diameter	77 mm
Dimensions (Height x Width x Depth)	135 x 77 x 102 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	No
Product Data	
Order product name	ST120T LED8S-24-/830 PSU BK
Full product name	ST120T LED8S-24-/830 PSU BK
Full product code	871869606942499
Order code	06942499
Material Nr. (12NC)	910503910088
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696069424
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696069509

Dimensional drawing



