



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	
Lamp family code	LED8S [LED Module, system flux 800 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	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.
Product family code	ST120T [CORELINE PROJECTOR]
Lighting Technology	LED
Value ladder	Value
CE mark	Yes

Warranty period	3 years + 2 years upon registration
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	800 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	73 lm/W
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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Datasheet, 2023, April 29 data subject to change

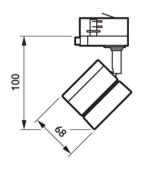
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Luminaire light beam spread	24°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	3.4 A
Inrush time	28 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 3-pole
Cable	-
Number of products on MCB of 16 A type	40
В	
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	IKO2 [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 ℃	
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







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