



CoreLine Projector

ST120T LED8S-24-/840 PSU BK

CORELINE PROJECTOR, LED Module, system flux 800 lm, 24 degree(s), 840 neutral white, Power supply unit (On/Off), Black

The CoreLine Projector is designed to replace halogen and CDM-standard-based projectors for retail and hospitality applications. This track based luminaire supports retailers to let their products stand out, or highlight certain objects. The clean design with integrated driver, and choice in 23 or 36 degree beam angle makess the CoreLine Projector relevant to many applications.

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)	4000 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	840 neutral white
Optic type	Beam angle 24°
Luminaire light beam spread	24°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Datasheet, 2023, September 4 data subject to change

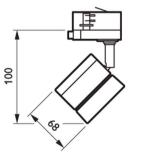
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Inrush current	3.4 A
Inrush time	28 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 3-pole
Cable	-
Number of products on MCB of 16 A type	40
В	
Temperature	
Ambient temperature range	0 to +35 ℃
Controls and Dimming	
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

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	(0.38, 0.38) 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-/840 PSU BK	
Full product name	ST120T LED8S-24-/840 PSU BK	
Full product code	871869606943199	
Order code	910503910089	
Material Nr. (12NC)	910503910089	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696069431	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8718696069516	

Dimensional drawing







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