



CoreLine Projector

ST120T LED24S-24-/840 PSU BK

LED module, system flux 2400 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 makes the CoreLine Projector relevant to many applications.

Product data

General Information		Light Technical	
Lamp family code	LED24S [LED module, system flux 2400 lm]	Luminous Flux	2,400 lm
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	73 lm/W
Driver included	Yes	Color rendering index (CRI)	80
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.	Number of light sources	1
Lighting Technology	LED	Beam angle of light source	24 degree(s)
Value ladder	Value	Light source color	840 neutral white
CE mark	Yes	Optic type	Beam angle 24°
Warranty period	3 years + 2 years upon registration	Luminaire light beam spread	24°
Flammability mark	-	Operating and Electrical	
ENEC mark	-	Input Voltage	220 to 240 V
		Line Frequency	50 to 60 Hz
		Inrush current	5.6 A

CoreLine Projector

Inrush time	40 ms
Power Consumption	33 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
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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	107 mm
Overall width	102 mm
Overall height	160 mm
Overall diameter	102 mm

Dimensions (Height x Width x Depth)	160 x 102 x 107 mm
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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 °C
Suitable for random switching	No

Product Data

Order product name	ST120T LED24S-24-/840 PSU BK
Full product name	ST120T LED24S-24-/840 PSU BK
Full product code	871869606947999
Order code	910503910093
Material Nr. (12NC)	910503910093
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696069479
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696069554

Dimensional drawing



