CoreLine Projector

ST120C 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 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	ST120C [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°
Luminaire light beam spread	24°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

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Inrush current	3.4 A
Inrush time	28 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 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	138 mm
Overall width	77 mm
Overall height	147 mm
Overall diameter	77 mm
Dimensions (Height x Width x Depth)	147 x 77 x 138 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%

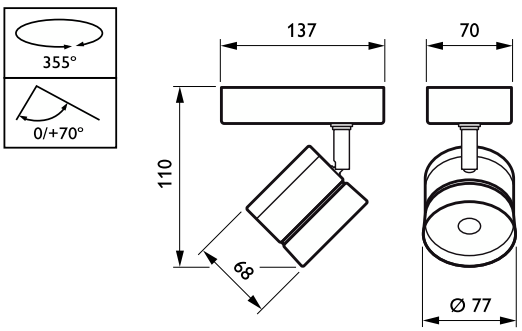
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	ST120C LED8S-24-/830 PSU BK
Full product name	ST120C LED8S-24-/830 PSU BK
Full product code	871869606944899
Order code	910503910090
Material Nr. (12NC)	910503910090
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696069448
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696069523

Dimensional drawing



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2023, September 4 - data subject to change