



# **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 makess the CoreLine Projector relevant to many applications.

#### **Product data**

General Information	
Lamp family code	LED24S [LED module, system flux 2400 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.
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	2,400 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
Inrush current	5.6 A

Datasheet, 2023, September 4 data subject to change

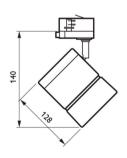
# **CoreLine Projector**

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	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	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
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 Complian	t)
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







## **CoreLine Projector**



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.