CoreLine Projector

ST150T LED22S-23-/840 PSU WH

CoreLine Projector, 24 W, 2200 lm, 4000 K, Beam angle 24°, White and 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

Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	–
Glow-wire test	Temperature 650 ℃, duration 5 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,200 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	90 lm/W

Colour rendering index (CRI)	>80
Beam angle of light source	24 degree(s)
Light source colour	840 neutral white
Optic type	Beam angle 24°
Luminaire light beam spread	24°
Unified Glare Rating (CEN)	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	24 W
End CLO power consumption	– W
Inrush current	8.7 A
Inrush time	125 ms
Power Consumption	24 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 3-pole

CoreLine Projector

Cable	–
Number of products on MCB of 16 A type B	40

Temperature

Ambient temperature range	–20 to +40 ℃

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	–
Housing Colour	White and black
Optical cover/lens finish	Textured
Overall length	0 mm
Overall width	180 mm
Overall height	159 mm
Overall diameter	85 mm
Dimensions (height x width x depth)	159 x 180 x 0 mm

Approval and Application

Ingress protection code	IP20 [Finger–protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	–
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%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.7 %
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	ST150T LED22S-23-/840 PSU WH
Full product name	ST150T LED22S-23-/840 PSU WH
Full EOC	871869979070799
Order code	79070799
Material no. (12 NC)	912401483220
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699790707
Numerator – packs per outer box	6
EAN/UPC – Case	8718699790783

Dimensional drawing

www.lighting.philips.com