



CoreLine Projector gen2

ST151T LED30S/940 MB BK

CoreLine Projector gen2, Track-mounted, 27 W, D80 mm, 3000 lm, 4000 K, CRI>90, Medium beam, Black

The well-known CoreLine Projector with its latest generation has undergone important design and performance improvement, raising the bar even higher and setting a new standard for track projectors used in retail and hospitality applications.

Warnings and Safety

- The luminaire should be mounted outside of arm's reach
- The luminaire should be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements

Product data

General Information		Luminous Efficacy (rated) (Nom)	
Light source replaceable	No		110 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	>90
Driver included	Yes	Beam angle of light source	25 degree(s)
Lighting Technology	LED	Light source color	940 neutral white
Value ladder	Performance	Optic type	Medium beam
Warranty period	5 years	Luminaire light beam spread	25°
Sustainability rating	-	Unified glare rating CEN	20
Light Technical		Operating and Electrical	
Luminous Flux	3,000 lm	Input Voltage	220 to 240 V
Saturated Red (R9)	>50	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	4000 K	Initial CLO power consumption	27 W
		Average CLO power consumption	27 W

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Inrush current	43.8 A
Inrush time	0.0115 ms
Power Consumption	27 W
Power Factor (Fraction)	0.9
Connection	3C Track
Cable	-
Number of products on MCB of 16 A type B	30
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Black
Optical cover finish	-
Overall length	207 mm
Overall width	87 mm
Overall height	125 mm
Overall diameter	80 mm
Dimensions (Height x Width x Depth)	125 x 87 x 207 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.510 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-

CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3837, 0.3828) SDCM <4
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

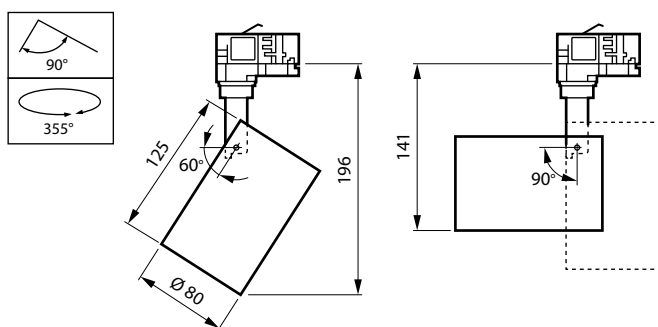
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L70

Product Data

Order product name	ST151T LED30S/940 MB BK
Full product name	ST151T LED30S/940 MB BK
Full product code	871951452856799
Order code	911401846682
Material Nr. (12NC)	911401846682
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514528567
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514528642

Dimensional drawing



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