CoreLine Projector gen2

ST151T LED30S/940 MB WH

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

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

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years
Sustainability rating	–

Light Technical

Luminous Flux	3,000 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	25 degree(s)
Light source color	940 neutral white
Optic type	Wide beam
Luminaire light beam spread	25°
Unified glare rating CEN	20

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
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	White
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)

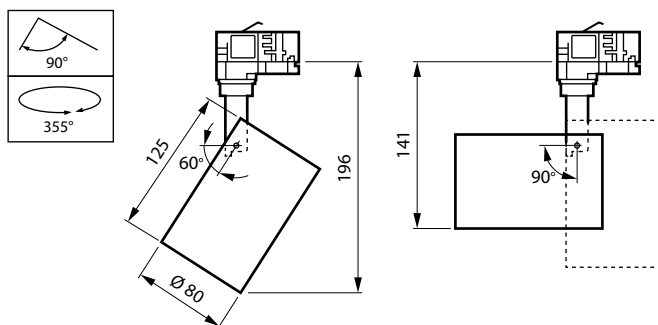|	
Luminous flux tolerance	+/–10%
Initial chromaticity	(0.3837, 0.3828) SDCM <4
Power consumption tolerance	+/–10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

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 WH
Full product name	ST151T LED30S/940 MB WH
Full product code	871951452858199
Order code	911401846882
Material Nr. (12NC)	911401846882
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514528581
Numerator – Packs per outer box	10
EAN/UPC – Case	8719514528666

Dimensional drawing

www.lighting.philips.com

2025, March 18 – data subject to change