CoreLine Projector gen2

ST151T LED30S/940 WB BK

CoreLine Projector gen2, Track-mounted, 27 W, D80 mm, 3000 lm, 4000 K, CRI>90, Wide 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)	110 lm/W
Light source replaceable	No	Color rendering index (CRI)	>90
Number of gear units	1 unit	Beam angle of light source	38 degree(s)
Driver included	Yes	Light source color	940 neutral white
Lighting Technology	LED	Optic type	Wide beam
Value ladder	Performance	Luminaire light beam spread	38°
Warranty period	5 years	Unified glare rating CEN	20
Sustainability rating	–		
		Operating and Electrical	
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	3,000 lm	Line Frequency	50 or 60 Hz
Saturated Red (R9)	>50	Initial CLO power consumption	27 W
Correlated Color Temperature (Nom)	4000 K	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)

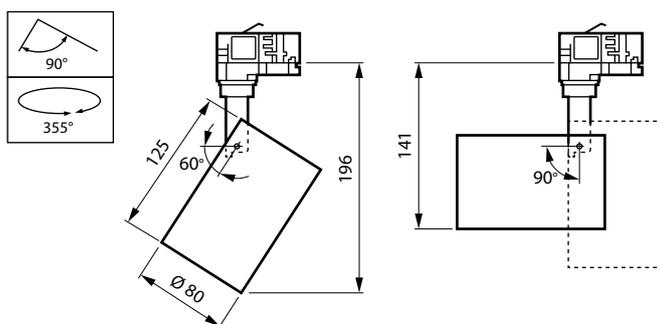|	
Luminous flux tolerance	+/–10%
Initial chromaticity	(0.3837, 0.3828) SDCM <4
Power consumption tolerance	+/–10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

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 WB BK
Full product name	ST151T LED30S/940 WB BK
Full product code	871951452860499
Order code	911401847082
Material Nr. (12NC)	911401847082
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514528604
Numerator – Packs per outer box	10
EAN/UPC – Case	8719514528680

Dimensional drawing

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www.lighting.philips.com

2025, March 19 – data subject to change