

**PHILIPS**

**Lighting**



# CoreLine Projector gen2

## ST151T LED30S/940 MB BK

- 25 degree(s) - 940 neutral white - Power supply unit

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

<b>Operating and electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input frequency	50 or 60 Hz
Initial CLO power consumption	27 W
Average CLO power consumption	27 W
Power Consumption	27 W
Inrush current	43.8 A
Inrush time	0.0115 ms
Power Factor (Fraction)	0.9
<b>General information</b>	
Beam angle of light source	25 degree(s)
Light source colour	940 neutral white
Light source replaceable	No
Number of gear units	Unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Beam angle 25°
Luminaire light beam spread	25°
Control interface	-
Connection	Track
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark

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Warranty period	5 years
Constant light output	Yes
Number of products on MCB of 16 A type B	30
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Unified Glare Rating (CEN)	20
Lighting Technology	LED
Brand	Philips
Value ladder	Value
<b>Light technical</b>	
Luminous Flux	3,000 lm
Saturated Red (R9)	>50
Luminous Efficacy (rated) (Nom)	110 lm/W
Colour rendering index (CRI)	>90
<b>Temperature</b>	
Ambient temperature range	-20 to +40 °C
<b>Mechanical and housing</b>	
Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	Black
Optical cover/lens finish	-
Overall length	207 mm
Overall width	87 mm
Overall height	125 mm
Overall diameter	80 mm
Dimensions (height x width x depth)	Nan x Nan x Nan mm

## Approval and application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-
<b>Initial performance (IEC compliant)</b>	
Luminous flux tolerance	+/-10%
Init. Corr. Colour Temperature	4000 K
Initial chromaticity	(0.3837, 0.3828) SDCM <4
Power consumption tolerance	+/-10%

## Over time performance (IEC compliant)

Control gear failure rate at median useful life	0.05 %
50,000 h	
Lumen maintenance at median useful life*	L70
50,000 h	

## Application conditions

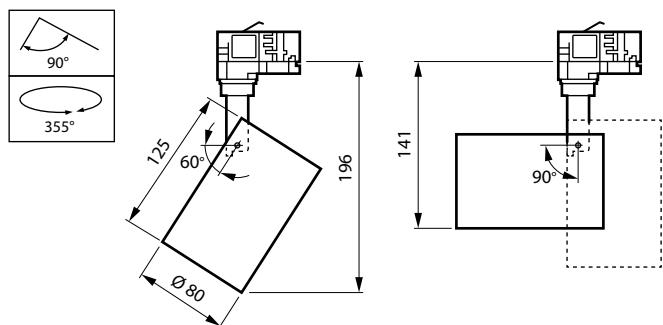
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

## Product data

Full EOC	871951452856799
Order product name	ST151T LED30S/940 MB BK
Order code	52856799
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	911401846682
Net weight	0.510 kg
Full product name	ST151T LED30S/940 MB BK
EAN/UPC - Case	8719514528642



## Dimensional drawing



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2023, April 15 - data subject to change