SmartBright Projector ST031T

ST031T LED30/840 33W 220-240V I MB BK GM

SmartBright Projector ST031T, 33 W, 840 neutral white, Finger-protected

SmartBright ST031T is a new design projector with nice look and feel and reliable quality, bring the excellence user experience to end users.

Warnings and Safety
- The luminaire should be installed by a qualified electrician and wired in accordance with the latest IEC-60364-7-714 regulations.
- Do not switch on the luminaire before installation is fully completed.
- Before using and when the luminaire is switched on, earthing is required.
- The luminaire should be replaced immediately if any crack or deterioration happens.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- The corrosive atmosphere or hazardous materials such as sulfur, chlorine, phthalate, etc. must be avoided during the use and storage.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	–
ENEC mark	–

Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	– degree(s)

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Light source color	840 neutral white		Overall diameter	80 mm
Optic type	Narrow beam		Dimensions (Height x Width x Depth)	201 x 80 x 201 mm
Optical cover type	Opal diffuser in polycarbonate cover			
Luminaire light beam spread	–			

Approval and Application

Ingress protection code	IP20 [Finger–protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	43.8 A
Inrush time	0.0112 ms
Power Consumption	33 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	–
Number of products on MCB of 16 A type B	30

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3858,0.3818) SDCM≤5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

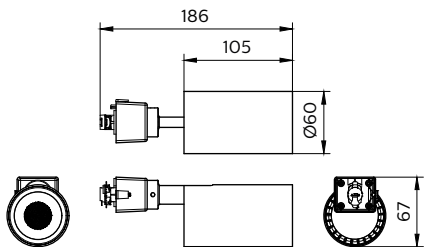|	
Driver failure rate at 5000 h	0.03 %
Median useful life L70B50	30,000 hour(s)
Median useful life L80B50	20,000 hour(s)
Median useful life L90B50	8,500 hour(s)

Temperature

Ambient temperature range	–20 to +40 °C

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Controls and Dimming

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

Product Data

Order product name	ST031T LED30/840 33W 220–240V I MB BK GM
Full product name	ST031T LED30/840 33W 220–240V I MB BK GM
Full product code	871016335945899
Order code	35945899
Material Nr. (12NC)	911401874580
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8710163359458
Numerator – Packs per outer box	10
EAN/UPC – Case	8710163359656

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	–
Housing Color	Black
Optical cover finish	Opal
Overall length	201 mm
Overall width	80 mm
Overall height	201 mm

Dimensional drawing

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