



Reliable with excellence user experience

SmartBright Projector ST031T

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

Benefits

- Nice look and feel
- More Bright, More reliable quality

Features

- CRI80
- Integrated design
- 2000lm, 3000lm
- 21W,33W
- 15° , 36°
- 30khrs (L70B50@25°C)
- 1C (3 wires)

Application

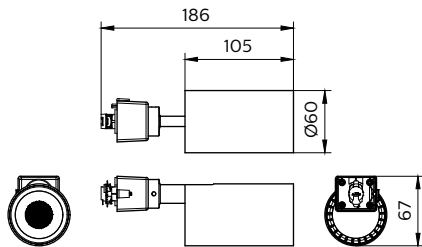
- Shops, Residential, Studio, Hotels

SmartBright Projector ST031T

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.

Dimensional drawing



SmartBright Projector ST031T

General Information

CE mark	CE mark
Driver included	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Beam angle of light source	- degree(s)
Optical cover/lens type	Opal diffuser in polycarbonate cover
Color rendering index (CRI)	>80
Optic type	Narrow beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	33 W

Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

Dimmable	No
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Approval and Application

Protection class IEC	Safety class I
Mech. impact protection code	IK02
Ingress protection code	IP20

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Over Time Performance (IEC Compliant)

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

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
911401873280	ST031T LED30/830 33W 220-240V I NB WH GM	3000 K	83 lm/W	2,750 lumen
911401873380	ST031T LED30/840 33W 220-240V I NB WH GM	4000 K	90 lm/W	3,000 lumen
911401873480	ST031T LED30/830 33W 220-240V I MB WH GM	3000 K	85 lm/W	2,950 lumen
911401873580	ST031T LED30/840 33W 220-240V I MB WH GM	4000 K	90 lm/W	3,000 lumen
911401873680	ST031T LED30/830 33W 220-240V I WB WH GM	3000 K	85 lm/W	2,950 lumen
911401873780	ST031T LED30/840 33W 220-240V I WB WH GM	4000 K	90 lm/W	3,000 lumen
911401874280	ST031T LED30/830 33W 220-240V I NB BK GM	3000 K	83 lm/W	2,750 lumen
911401874380	ST031T LED30/840 33W 220-240V I NB BK GM	4000 K	90 lm/W	3,000 lumen
911401874480	ST031T LED30/830 33W 220-240V I MB BK GM	3000 K	85 lm/W	2,950 lumen
911401874580	ST031T LED30/840 33W 220-240V I MB BK GM	4000 K	90 lm/W	3,000 lumen
911401874680	ST031T LED30/830 33W 220-240V I WB BK GM	3000 K	85 lm/W	2,950 lumen
911401874780	ST031T LED30/840 33W 220-240V I WB BK GM	4000 K	90 lm/W	3,000 lumen

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Order Code	Full Product Name	Housing Color
911401873280	ST031T LED30/830 33W 220-240V I NB WH GM	White	911401873680	ST031T LED30/830 33W 220-240V I WB WH GM	White
911401873380	ST031T LED30/840 33W 220-240V I NB WH GM	White	911401873780	ST031T LED30/840 33W 220-240V I WB WH GM	White
911401873480	ST031T LED30/830 33W 220-240V I MB WH GM	White	911401874280	ST031T LED30/830 33W 220-240V I NB BK GM	Black
911401873580	ST031T LED30/840 33W 220-240V I MB WH GM	White	911401874380	ST031T LED30/840 33W 220-240V I NB BK GM	Black

SmartBright Projector ST031T

Order Code	Full Product Name	Housing Color
911401874480	ST031T LED30/830 33W 220-240V I MB BK GM	Black
911401874580	ST031T LED30/840 33W 220-240V I MB BK GM	Black

Order Code	Full Product Name	Housing Color
911401874680	ST031T LED30/830 33W 220-240V I WB BK GM	Black
911401874780	ST031T LED30/840 33W 220-240V I WB BK GM	Black

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401873280	ST031T LED30/830 33W 220-240V I NB WH GM	(0.4338,0.4030) SDCM \leq 5
911401873380	ST031T LED30/840 33W 220-240V I NB WH GM	(0.3818,0.3797) SDCM \leq 5
911401873480	ST031T LED30/830 33W 220-240V I MB WH GM	(0.4377,0.4045) SDCM \leq 5
911401873580	ST031T LED30/840 33W 220-240V I MB WH GM	(0.3858,0.3818) SDCM \leq 5
911401873680	ST031T LED30/830 33W 220-240V I WB WH GM	(0.4377,0.4045) SDCM \leq 5
911401873780	ST031T LED30/840 33W 220-240V I WB WH GM	(0.3858,0.3818) SDCM \leq 5

Order Code	Full Product Name	Initial chromaticity
911401874280	ST031T LED30/830 33W 220-240V I NB BK GM	(0.4338,0.4030) SDCM \leq 5
911401874380	ST031T LED30/840 33W 220-240V I NB BK GM	(0.3818,0.3797) SDCM \leq 5
911401874480	ST031T LED30/830 33W 220-240V I MB BK GM	(0.4377,0.4045) SDCM \leq 5
911401874580	ST031T LED30/840 33W 220-240V I MB BK GM	(0.3858,0.3818) SDCM \leq 5
911401874680	ST031T LED30/830 33W 220-240V I WB BK GM	(0.4377,0.4045) SDCM \leq 5
911401874780	ST031T LED30/840 33W 220-240V I WB BK GM	(0.3858,0.3818) SDCM \leq 5

