



Reliable with excellent user experience

SmartBright Projector ST031T

SmartBright ST031T is a new design projector with nice look and feel and reliable quality, bringing an excellent user experience to end users.

Benefits

- Nice look and feelBrighter and more reliable quality

Features

- CRI80Integrated design2,000 lm, 3,000 lm21 W, 33 W15° , 36°30 khrs (L70B50@25 °C)1C (3 wires)

Application

- Shops, Residential, Studios, Hotels

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 occurs.
- The light source of this luminaire is not replaceable; when the light source reaches its end-of-life the whole luminaire must be replaced.
- A corrosive atmosphere, or hazardous materials, such as sulphur, chlorine, phthalates, etc., must be avoided during use and storage.

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Versions



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Driver failure rate at 5,000 hours	0.03 %
Application Conditions	
Ambient temperature range	-20 to +40 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable
Approval and Application	
Mech. impact protection code	IK02
Ingress protection code	IP20
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	O-PC
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	NB
Initial Performance (IEC Compliant)	
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Median useful life L80B50	20000 h
Median useful life L90B50	8500 h

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
35930499	ST031T LED20/830 21W 220-240V I WB WH GM	(0.4377,0.4045) SDCM≤5	3000 K	90 lm/W	1900 lm
35931199	ST031T LED20/840 21W 220-240V I WB WH GM	(0.3858,0.3818) SDCM≤5	4000 K	95 lm/W	2000 lm
35934299	ST031T LED30/830 33W 220-240V I MB WH GM	(0.4377,0.4045) SDCM≤5	3000 K	85 lm/W	2950 lm
35935999	ST031T LED30/840 33W 220-240V I MB WH GM	(0.3858,0.3818) SDCM≤5	4000 K	90 lm/W	3000 lm
35937399	ST031T LED30/840 33W 220-240V I WB WH GM	(0.3858,0.3818) SDCM≤5	4000 K	90 lm/W	3000 lm
35940399	ST031T LED20/830 21W 220-240V I WB BK GM	(0.4377,0.4045) SDCM≤5	3000 K	90 lm/W	1900 lm
35941099	ST031T LED20/840 21W 220-240V I WB BK GM	(0.3858,0.3818) SDCM≤5	4000 K	95 lm/W	2000 lm
35944199	ST031T LED30/830 33W 220-240V I MB BK GM	(0.4377,0.4045) SDCM≤5	3000 K	85 lm/W	2950 lm
35945899	ST031T LED30/840 33W 220-240V I MB BK GM	(0.3858,0.3818) SDCM≤5	4000 K	90 lm/W	3000 lm
35947299	ST031T LED30/840 33W 220-240V I WB BK GM	(0.3858,0.3818) SDCM≤5	4000 K	90 lm/W	3000 lm

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Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
35930499	ST031T LED20/830 21W 220-240V I WB WH GM	21 W
35931199	ST031T LED20/840 21W 220-240V I WB WH GM	21 W
35934299	ST031T LED30/830 33W 220-240V I MB WH GM	33 W
35935999	ST031T LED30/840 33W 220-240V I MB WH GM	33 W
35937399	ST031T LED30/840 33W 220-240V I WB WH GM	33 W

Order Code	Full Product Name	Initial input power
35940399	ST031T LED20/830 21W 220-240V I WB BK GM	21 W
35941099	ST031T LED20/840 21W 220-240V I WB BK GM	21 W
35944199	ST031T LED30/830 33W 220-240V I MB BK GM	33 W
35945899	ST031T LED30/840 33W 220-240V I MB BK GM	33 W
35947299	ST031T LED30/840 33W 220-240V I WB BK GM	33 W

Mechanical and Housing

Order Code	Full Product Name	Colour
35930499	ST031T LED20/830 21W 220-240V I WB WH GM	White
35931199	ST031T LED20/840 21W 220-240V I WB WH GM	White
35934299	ST031T LED30/830 33W 220-240V I MB WH GM	White
35935999	ST031T LED30/840 33W 220-240V I MB WH GM	White
35937399	ST031T LED30/840 33W 220-240V I WB WH GM	White

Order Code	Full Product Name	Colour
35940399	ST031T LED20/830 21W 220-240V I WB BK GM	Black
35941099	ST031T LED20/840 21W 220-240V I WB BK GM	Black
35944199	ST031T LED30/830 33W 220-240V I MB BK GM	Black
35945899	ST031T LED30/840 33W 220-240V I MB BK GM	Black
35947299	ST031T LED30/840 33W 220-240V I WB BK GM	Black

