



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 feel Brighter and more reliable quality

Features

- CRI80 Integrated design 2,000 lm, 3,000 lm 21 W, 33 W 15° , 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



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
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Operating and Electrical

Input Voltage	220 to 240 V
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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

Initial Performance (IEC Compliant) (2/2)

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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

