



# 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

### 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.

# SmartBright Projector ST031T

## Versions



### ST031T

#### Application Conditions

Ambient temperature range	-20 to +40 °C
Maximum dim 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	- °
Protection class IEC	Safety class I
Optical cover/lens type	Opal diffuser in polycarbonate cover
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
Optic type	Narrow beam

#### Initial Performance (IEC Compliant)

Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%

#### Over Time Performance (IEC Compliant)

Median useful life L80B50	20000 h
Median useful life L90B50	8500 h

#### General Information

Order Code	Full Product Name	CE mark
911401859380	ST031T LED20/830 21W 220-240V I NB WH	-
911401859480	ST031T LED20/840 21W 220-240V I NB WH	-
911401859580	ST031T LED20/830 21W 220-240V I WB WH	-
911401859680	ST031T LED20/840 21W 220-240V I WB WH	-
911401859780	ST031T LED30/830 33W 220-240V I NB WH	-
911401859880	ST031T LED30/840 33W 220-240V I NB WH	-
911401859980	ST031T LED30/830 33W 220-240V I MB WH	-
911401860080	ST031T LED30/840 33W 220-240V I MB WH	-
911401860180	ST031T LED30/830 33W 220-240V I WB WH	-
911401860280	ST031T LED30/840 33W 220-240V I WB WH	-
911401860380	ST031T LED20/830 21W 220-240V I NB BK	-
911401860480	ST031T LED20/840 21W 220-240V I NB BK	-
911401860580	ST031T LED20/830 21W 220-240V I WB BK	-
911401860680	ST031T LED20/840 21W 220-240V I WB BK	-
911401860780	ST031T LED30/830 33W 220-240V I NB BK	-
911401860880	ST031T LED30/840 33W 220-240V I NB BK	-
911401860980	ST031T LED30/830 33W 220-240V I MB BK	-
911401861080	ST031T LED30/840 33W 220-240V I MB BK	-
911401861180	ST031T LED30/830 33W 220-240V I WB BK	-
911401861280	ST031T LED30/840 33W 220-240V I WB BK	-
911401873080	ST031T LED20/830 21W 220-240V I WB WH GM	CE mark
911401873180	ST031T LED20/840 21W 220-240V I WB WH GM	CE mark
911401873480	ST031T LED30/830 33W 220-240V I MB WH GM	CE mark
911401873580	ST031T LED30/840 33W 220-240V I MB WH GM	CE mark
911401873780	ST031T LED30/840 33W 220-240V I WB WH GM	CE mark
911401874080	ST031T LED20/830 21W 220-240V I WB BK GM	CE mark
911401874180	ST031T LED20/840 21W 220-240V I WB BK GM	CE mark
911401874480	ST031T LED30/830 33W 220-240V I MB BK GM	CE mark
911401874580	ST031T LED30/840 33W 220-240V I MB BK GM	CE mark
911401874780	ST031T LED30/840 33W 220-240V I WB BK GM	CE mark

# SmartBright Projector ST031T

## Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401859380	ST031T LED20/830 21W 220-240V I NB WH	(0.4338;0.4030)	3000 K	83 lm/W	1800 lm
911401859480	ST031T LED20/840 21W 220-240V I NB WH	(0.3818;0.3797)	4000 K	95 lm/W	2000 lm
911401859580	ST031T LED20/830 21W 220-240V I WB WH	(0.4377;0.4045)	3000 K	90 lm/W	1900 lm
911401859680	ST031T LED20/840 21W 220-240V I WB WH	(0.3858;0.3818)	4000 K	95 lm/W	2000 lm
911401859780	ST031T LED30/830 33W 220-240V I NB WH	(0.4338;0.4030)	3000 K	83 lm/W	2750 lm
911401859880	ST031T LED30/840 33W 220-240V I NB WH	(0.3818;0.3797)	4000 K	90 lm/W	3000 lm
911401859980	ST031T LED30/830 33W 220-240V I MB WH	(0.4377;0.4045)	3000 K	85 lm/W	2950 lm
911401860080	ST031T LED30/840 33W 220-240V I MB WH	(0.3858;0.3818)	4000 K	90 lm/W	3000 lm
911401860180	ST031T LED30/830 33W 220-240V I WB WH	(0.4377;0.4045)	3000 K	85 lm/W	2950 lm
911401860280	ST031T LED30/840 33W	(0.3858;0.3818)	4000 K	90 lm/W	3000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	220-240V I WB WH				
911401860380	ST031T LED20/830 21W 220-240V I NB BK	(0.4338;0.4030)	3000 K	83 lm/W	1800 lm
911401860480	ST031T LED20/840 21W 220-240V I NB BK	(0.3818;0.3797)	4000 K	95 lm/W	2000 lm
911401860580	ST031T LED20/830 21W 220-240V I WB BK	(0.4377;0.4045)	3000 K	90 lm/W	1900 lm
911401860680	ST031T LED20/840 21W 220-240V I WB BK	(0.3858;0.3818)	4000 K	95 lm/W	2000 lm
911401860780	ST031T LED30/830 33W 220-240V I NB BK	(0.4338;0.4030)	3000 K	83 lm/W	2750 lm
911401860880	ST031T LED30/840 33W 220-240V I NB BK	(0.3818;0.3797)	4000 K	90 lm/W	3000 lm
911401860980	ST031T LED30/830 33W 220-240V I MB BK	(0.4377;0.4045)	3000 K	85 lm/W	2950 lm
911401861080	ST031T LED30/840 33W 220-240V I MB BK	(0.3858;0.3818)	4000 K	90 lm/W	3000 lm
911401861180	ST031T LED30/830 33W 220-240V I WB BK	(0.4377;0.4045)	3000 K	85 lm/W	2950 lm
911401861280	ST031T LED30/840	(0.3858;0.3818)	4000 K	90 lm/W	3000 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	33W 220-240V I WB BK				
911401873080	ST031T LED20/830 21W 220-240V I WB WH GM	(0.4377,0.4045)	3000 K	90 lm/W	1900 lm
911401873180	ST031T LED20/840 21W 220-240V I WB WH GM	(0.3858,0.3818)	4000 K	95 lm/W	2000 lm
911401873480	ST031T LED30/830 33W 220-240V I MB WH GM	(0.4377,0.4045)	3000 K	85 lm/W	2950 lm
911401873580	ST031T LED30/840 33W 220-240V I MB WH GM	(0.3858,0.3818)	4000 K	90 lm/W	3000 lm
911401873780	ST031T LED30/840 33W	(0.3858,0.3818)	4000 K	90 lm/W	3000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	220-240V I WB WH GM				
911401874080	ST031T LED20/830 21W 220-240V I WB BK GM	(0.4377,0.4045)	3000 K	90 lm/W	1900 lm
911401874180	ST031T LED20/840 21W 220-240V I WB BK GM	(0.3858,0.3818)	4000 K	95 lm/W	2000 lm
911401874480	ST031T LED30/830 33W 220-240V I MB BK GM	(0.4377,0.4045)	3000 K	85 lm/W	2950 lm
911401874580	ST031T LED30/840 33W 220-240V I MB BK GM	(0.3858,0.3818)	4000 K	90 lm/W	3000 lm
911401874780	ST031T LED30/840 33W 220-240V I WB BK GM	(0.3858,0.3818)	4000 K	90 lm/W	3000 lm

## Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401859380	ST031T LED20/830 21W 220-240V I NB WH	21 W
911401859480	ST031T LED20/840 21W 220-240V I NB WH	21 W
911401859580	ST031T LED20/830 21W 220-240V I WB WH	21 W
911401859680	ST031T LED20/840 21W 220-240V I WB WH	21 W
911401859780	ST031T LED30/830 33W 220-240V I NB WH	33 W
911401859880	ST031T LED30/840 33W 220-240V I NB WH	33 W
911401859980	ST031T LED30/830 33W 220-240V I MB WH	33 W
911401860080	ST031T LED30/840 33W 220-240V I MB WH	33 W
911401860180	ST031T LED30/830 33W 220-240V I WB WH	33 W
911401860280	ST031T LED30/840 33W 220-240V I WB WH	33 W
911401860380	ST031T LED20/830 21W 220-240V I NB BK	21 W
911401860480	ST031T LED20/840 21W 220-240V I NB BK	21 W
911401860580	ST031T LED20/830 21W 220-240V I WB BK	21 W
911401860680	ST031T LED20/840 21W 220-240V I WB BK	21 W
911401860780	ST031T LED30/830 33W 220-240V I NB BK	33 W

Order Code	Full Product Name	Initial input power
911401860880	ST031T LED30/840 33W 220-240V I NB BK	33 W
911401860980	ST031T LED30/830 33W 220-240V I MB BK	33 W
911401861080	ST031T LED30/840 33W 220-240V I MB BK	33 W
911401861180	ST031T LED30/830 33W 220-240V I WB BK	33 W
911401861280	ST031T LED30/840 33W 220-240V I WB BK	33 W
911401873080	ST031T LED20/830 21W 220-240V I WB WH GM	21 W
911401873180	ST031T LED20/840 21W 220-240V I WB WH GM	21 W
911401873480	ST031T LED30/830 33W 220-240V I MB WH GM	33 W
911401873580	ST031T LED30/840 33W 220-240V I MB WH GM	33 W
911401873780	ST031T LED30/840 33W 220-240V I WB WH GM	33 W
911401874080	ST031T LED20/830 21W 220-240V I WB BK GM	21 W
911401874180	ST031T LED20/840 21W 220-240V I WB BK GM	21 W
911401874480	ST031T LED30/830 33W 220-240V I MB BK GM	33 W
911401874580	ST031T LED30/840 33W 220-240V I MB BK GM	33 W
911401874780	ST031T LED30/840 33W 220-240V I WB BK GM	33 W

## Mechanical and Housing

## SmartBright Projector ST031T

Order Code	Full Product Name	Color
911401859380	ST031T LED20/830 21W 220-240V   NB WH	White
911401859480	ST031T LED20/840 21W 220-240V   NB WH	White
911401859580	ST031T LED20/830 21W 220-240V   WB WH	White
911401859680	ST031T LED20/840 21W 220-240V   WB WH	White
911401859780	ST031T LED30/830 33W 220-240V   NB WH	White
911401859880	ST031T LED30/840 33W 220-240V   NB WH	White
911401859980	ST031T LED30/830 33W 220-240V   MB WH	White
911401860080	ST031T LED30/840 33W 220-240V   MB WH	White
911401860180	ST031T LED30/830 33W 220-240V   WB WH	White
911401860280	ST031T LED30/840 33W 220-240V   WB WH	White
911401860380	ST031T LED20/830 21W 220-240V   NB BK	Black
911401860480	ST031T LED20/840 21W 220-240V   NB BK	Black
911401860580	ST031T LED20/830 21W 220-240V   WB BK	Black
911401860680	ST031T LED20/840 21W 220-240V   WB BK	Black
911401860780	ST031T LED30/830 33W 220-240V   NB BK	Black

Order Code	Full Product Name	Color
911401860880	ST031T LED30/840 33W 220-240V   NB BK	Black
911401860980	ST031T LED30/830 33W 220-240V   MB BK	Black
911401861080	ST031T LED30/840 33W 220-240V   MB BK	Black
911401861180	ST031T LED30/830 33W 220-240V   WB BK	Black
911401861280	ST031T LED30/840 33W 220-240V   WB BK	Black
911401873080	ST031T LED20/830 21W 220-240V   WB WH GM	White
911401873180	ST031T LED20/840 21W 220-240V   WB WH GM	White
911401873480	ST031T LED30/830 33W 220-240V   MB WH GM	White
911401873580	ST031T LED30/840 33W 220-240V   MB WH GM	White
911401873780	ST031T LED30/840 33W 220-240V   WB WH GM	White
911401874080	ST031T LED20/830 21W 220-240V   WB BK GM	Black
911401874180	ST031T LED20/840 21W 220-240V   WB BK GM	Black
911401874480	ST031T LED30/830 33W 220-240V   MB BK GM	Black
911401874580	ST031T LED30/840 33W 220-240V   MB BK GM	Black
911401874780	ST031T LED30/840 33W 220-240V   WB BK GM	Black

