



Reliable and Excellent user experience

SmartBright Projector ST041T

SmartBright ST041T is a new design projector with higher color rendering index, bring excellent user experience to end user.

Benefits

- More BrightMore ReliableNice look and FeelExcellent user experience

Features

- CRI90Integrated design2000lm, 3000lm21W,33W15° , 36°30khrs (L70B50@25°C)1C (3 wires)

Application

- Shops, Residential, Studio, Hotels

Warnings and Safety

- 1. The luminaire should be installed by a qualified electrician and wired in accordance with the latest IEC-60364-7-714 regulations. 灯具应由有资格的电工安装，接线应符合 IEC-60364-7-714 标准或国家标准。 2. Do not switch on the luminaire before installation is fully completed. 操作前请务必切断电源。 3. Before using and when the luminaire is switched on, earthing is required. 灯具使用前，必须先接地。整个使用过程中，也必须确保灯具始终接地。 4. The luminaire should be replaced immediately if any crack or deterioration happens. 若灯具破损，请勿继续使用。 5. The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced. 此灯具的光源是不可替换的；当光源到其寿终时，应替换整个光源。 6. The corrosive atmosphere or hazardous materials such as sulfur, chlorine, phthalate, etc. must be avoided during the use and storage. 灯具避免在腐蚀性环境或者含有有害物质，例如硫化物，卤化物，邻苯二甲酸酯等环境中存储和使用。

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Versions



ST041T

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
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
Beam angle of light source	- °
CE mark	-
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	>90
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. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401861380	ST041T LED28/930 33W 220-240V I NB WH	(0.4338;0.4030) SDCM≤5	3000 K	70 lm/W	2400 lm
911401861480	ST041T LED28/940 33W 220-240V I NB WH	(0.3818;0.3797) SDCM≤5	4000 K	75 lm/W	2550 lm
911401861580	ST041T LED28/930 33W 220-240V I WB WH	(0.4377;0.4045) SDCM≤5	3000 K	80 lm/W	2700 lm
911401861680	ST041T LED28/940 33W 220-240V I WB WH	(0.3858;0.3818) SDCM≤5	4000 K	82 lm/W	2800 lm
911401861780	ST041T LED28/930 33W 220-240V I NB BK	(0.4338;0.4030) SDCM≤5	3000 K	70 lm/W	2400 lm
911401861880	ST041T LED28/940 33W 220-240V I NB BK	(0.3818;0.3797) SDCM≤5	4000 K	75 lm/W	2550 lm
911401861980	ST041T LED28/930 33W 220-240V I WB BK	(0.4377;0.4045) SDCM≤5	3000 K	80 lm/W	2700 lm
911401862080	ST041T LED28/940 33W 220-240V I WB BK	(0.3858;0.3818) SDCM≤5	4000 K	82 lm/W	2800 lm
911401870080	ST041T LED17/930 21W 220-240V I NB WH	(0.4338;0.4030) SDCM≤5	3000 K	75 lm/W	1600 lm
911401870180	ST041T LED17/940 21W 220-240V I NB WH	(0.3818;0.3797) SDCM≤5	4000 K	80 lm/W	1700 lm
911401870280	ST041T LED17/930 21W 220-240V I WB WH	(0.4377;0.4045) SDCM≤5	3000 K	80 lm/W	1700 lm
911401870380	ST041T LED17/940 21W 220-240V I WB WH	(0.3858;0.3818) SDCM≤5	4000 K	82 lm/W	1700 lm
911401870480	ST041T LED17/930 21W 220-240V I NB BK	(0.4338;0.4030) SDCM≤5	3000 K	75 lm/W	1600 lm
911401870580	ST041T LED17/940 21W 220-240V I NB BK	(0.3818;0.3797) SDCM≤5	4000 K	80 lm/W	1700 lm
911401870680	ST041T LED17/930 21W 220-240V I WB BK	(0.4377;0.4045) SDCM≤5	3000 K	80 lm/W	1700 lm
911401870780	ST041T LED17/940 21W 220-240V I WB BK	(0.3858;0.3818) SDCM≤5	4000 K	82 lm/W	1700 lm

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Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401861380	ST041T LED28/930 33W 220-240V I NB WH	33 W
911401861480	ST041T LED28/940 33W 220-240V I NB WH	33 W
911401861580	ST041T LED28/930 33W 220-240V I WB WH	33 W
911401861680	ST041T LED28/940 33W 220-240V I WB WH	33 W
911401861780	ST041T LED28/930 33W 220-240V I NB BK	33 W
911401861880	ST041T LED28/940 33W 220-240V I NB BK	33 W
911401861980	ST041T LED28/930 33W 220-240V I WB BK	33 W
911401862080	ST041T LED28/940 33W 220-240V I WB BK	33 W

Order Code	Full Product Name	Initial input power
911401870080	ST041T LED17/930 21W 220-240V I NB WH	21 W
911401870180	ST041T LED17/940 21W 220-240V I NB WH	21 W
911401870280	ST041T LED17/930 21W 220-240V I WB WH	21 W
911401870380	ST041T LED17/940 21W 220-240V I WB WH	21 W
911401870480	ST041T LED17/930 21W 220-240V I NB BK	21 W
911401870580	ST041T LED17/940 21W 220-240V I NB BK	21 W
911401870680	ST041T LED17/930 21W 220-240V I WB BK	21 W
911401870780	ST041T LED17/940 21W 220-240V I WB BK	21 W

Mechanical and Housing

Order Code	Full Product Name	Color
911401861380	ST041T LED28/930 33W 220-240V I NB WH	White
911401861480	ST041T LED28/940 33W 220-240V I NB WH	White
911401861580	ST041T LED28/930 33W 220-240V I WB WH	White
911401861680	ST041T LED28/940 33W 220-240V I WB WH	White
911401861780	ST041T LED28/930 33W 220-240V I NB BK	Black
911401861880	ST041T LED28/940 33W 220-240V I NB BK	Black
911401861980	ST041T LED28/930 33W 220-240V I WB BK	Black
911401862080	ST041T LED28/940 33W 220-240V I WB BK	Black

Order Code	Full Product Name	Color
911401870080	ST041T LED17/930 21W 220-240V I NB WH	White
911401870180	ST041T LED17/940 21W 220-240V I NB WH	White
911401870280	ST041T LED17/930 21W 220-240V I WB WH	White
911401870380	ST041T LED17/940 21W 220-240V I WB WH	White
911401870480	ST041T LED17/930 21W 220-240V I NB BK	Black
911401870580	ST041T LED17/940 21W 220-240V I NB BK	Black
911401870680	ST041T LED17/930 21W 220-240V I WB BK	Black
911401870780	ST041T LED17/940 21W 220-240V I WB BK	Black

