



The Essential SmartBright LED Projector is a value-for-money product with high efficacy, good quality and reliability. It offers diverse configurations from 800 lm to 3,000 lm output, and has better beam performance with its lens design.

Essential Smart Bright Projector

Essential Smart Bright Projector

It can be used in shopping centres and retail outlets. It's an ideal product family to distribute in trade market

Benefits

- Full range of lumen output from 800 lm to 3,000 lm
- Reliability and safety: meets national and international regulations
- Energy saving: High system efficacy with lower power consumption

Features

- System efficiency: up to 85 lm/W
- CRI 80, SDCM <5
- Beam Angle: 24-degree, 36-degree
- CCT: 3,000 K, 4,000 K, 5,000 K(G.C)
- High reliability, 20 Khrs (L70B50@25 °C)
- Mounting Type: 1C Track

Application

- Retail shop
- Fashion outlet
- Shopping centre

Versions



Essential Smart Bright Projector

Application Conditions

Ambient temperature range -20 to +40 °C

Approval and Application

Mech. impact protection code IK03

Ingress protection code IP20

Controls and Dimming

Dimmable No

Operating and Electrical

Input Voltage 220 to 240 V

General Information

Protection class IEC Safety class I (I)

Driver included Yes

Number of gear units 1 unit

Initial Performance (IEC Compliant)

Init. Colour Rendering Index >80

Luminous flux tolerance +/-10%

Application Conditions

Order Code	Full Product Name	Suitable for random switching
31786199	ST030T LED8/830 8W 220-240V I NB WH	No
31787899	ST030T LED8/840 8W 220-240V I NB WH	No
31788599	ST030T LED8/830 8W 220-240V I MB WH	-
31789299	ST030T LED8/840 8W 220-240V I MB WH	-
31790899	ST030T LED12/830 14W 220-240V I NB WH	-
31791599	ST030T LED12/840 14W 220-240V I NB WH	No
31792299	ST030T LED12/830 14W 220-240V I MB WH	No
31793999	ST030T LED12/840 14W 220-240V I MB WH	-
31794699	ST030T LED20/830 23W 220-240V I NB WH	-
31795399	ST030T LED20/840 23W 220-240V I NB WH	-
31796099	ST030T LED20/830 23W 220-240V I MB WH	-
31797799	ST030T LED20/840 23W 220-240V I MB WH	No
31798499	ST030T LED30/830 35W 220-240V I NB WH	No
31799199	ST030T LED30/840 35W 220-240V I NB WH	-
31800499	ST030T LED30/830 35W 220-240V I MB WH	-
31801199	ST030T LED30/840 35W 220-240V I MB WH	-
32243899	ST030T LED8/850 8W 220-240V I NB WH	-
32244599	ST030T LED8/850 8W 220-240V I MB WH	-
32245299	ST030T LED12/850 14W 220-240V I NB WH	-
32246999	ST030T LED12/850 14W 220-240V I MB WH	-
32247699	ST030T LED20/850 23W 220-240V I NB WH	-
32248399	ST030T LED20/850 23W 220-240V I MB WH	-
32249099	ST030T LED30/850 35W 220-240V I NB WH	-
32250699	ST030T LED30/850 35W 220-240V I MB WH	-
31802899	ST030T LED8/830 8W 220-240V I NB BK	-
31803599	ST030T LED8/840 8W 220-240V I NB BK	-
31804299	ST030T LED8/830 8W 220-240V I MB BK	-
31805999	ST030T LED8/840 8W 220-240V I MB BK	No
31806699	ST030T LED12/830 14W 220-240V I NB BK	No
31807399	ST030T LED12/840 14W 220-240V I NB BK	No
31808099	ST030T LED12/830 14W 220-240V I MB BK	No
31810399	ST030T LED20/830 23W 220-240V I NB BK	-
31811099	ST030T LED20/840 23W 220-240V I NB BK	No
31812799	ST030T LED20/830 23W 220-240V I MB BK	-
31813499	ST030T LED20/840 23W 220-240V I MB BK	-
31814199	ST030T LED30/830 35W 220-240V I NB BK	-
31815899	ST030T LED30/840 35W 220-240V I NB BK	No
31816599	ST030T LED30/830 35W 220-240V I MB BK	-
31817299	ST030T LED30/840 35W 220-240V I MB BK	No
32251399	ST030T LED8/850 8W 220-240V I NB BK	-
32252099	ST030T LED8/850 8W 220-240V I MB BK	-
32253799	ST030T LED12/850 14W 220-240V I NB BK	-
32254499	ST030T LED12/850 14W 220-240V I MB BK	-
32255199	ST030T LED20/850 23W 220-240V I NB BK	-
32256899	ST030T LED20/850 23W 220-240V I MB BK	-
32257599	ST030T LED30/850 35W 220-240V I NB BK	-
32258299	ST030T LED30/850 35W 220-240V I MB BK	-

General Information

Essential Smart Bright Projector

Order Code	Full Product Name	ENEC		Flammability mark	Optic type
		CE mark	mark		
31786199	ST030T LED8/830 8W 220-240V I NB WH	CE mark	-	NO	No
31787899	ST030T LED8/840 8W 220-240V I NB WH	CE mark	-	NO	No
31788599	ST030T LED8/830 8W 220-240V I MB WH	CE mark	-	-	-
31789299	ST030T LED8/840 8W 220-240V I MB WH	CE mark	-	-	-
31790899	ST030T LED12/830 14W 220-240V I NB WH	CE mark	-	-	-
31791599	ST030T LED12/840 14W 220-240V I NB WH	CE mark	-	NO	No
31792299	ST030T LED12/830 14W 220-240V I MB WH	CE mark	-	NO	No
31793999	ST030T LED12/840 14W 220-240V I MB WH	CE mark	-	-	-
31794699	ST030T LED20/830 23W 220-240V I NB WH	CE mark	-	-	-
31795399	ST030T LED20/840 23W 220-240V I NB WH	CE mark	-	-	-
31796099	ST030T LED20/830 23W 220-240V I MB WH	CE mark	-	-	-
31797799	ST030T LED20/840 23W 220-240V I MB WH	CE mark	-	NO	No
31798499	ST030T LED30/830 35W 220-240V I NB WH	CE mark	-	NO	No
31799199	ST030T LED30/840 35W 220-240V I NB WH	CE mark	-	-	-
31800499	ST030T LED30/830 35W 220-240V I MB WH	CE mark	-	-	-
31801199	ST030T LED30/840 35W 220-240V I MB WH	CE mark	-	-	-
32243899	ST030T LED8/850 8W 220-240V I NB WH	-	-	-	-
32244599	ST030T LED8/850 8W 220-240V I MB WH	-	-	-	-
32245299	ST030T LED12/850 14W 220-240V I NB WH	-	-	-	-
32246999	ST030T LED12/850 14W 220-240V I MB WH	-	-	-	-
32247699	ST030T LED20/850 23W 220-240V I NB WH	-	-	-	-
32248399	ST030T LED20/850 23W 220-240V I MB WH	-	-	-	-
32249099	ST030T LED30/850 35W 220-240V I NB WH	-	-	-	-
32250699	ST030T LED30/850 35W 220-240V I MB WH	-	-	-	-

Order Code	Full Product Name	ENEC		Flammability mark	Optic type
		CE mark	mark		
31802899	ST030T LED8/830 8W 220-240V I NB BK	CE mark	-	-	-
31803599	ST030T LED8/840 8W 220-240V I NB BK	CE mark	-	-	-
31804299	ST030T LED8/830 8W 220-240V I MB BK	CE mark	-	-	-
31805999	ST030T LED8/840 8W 220-240V I MB BK	CE mark	-	NO	No
31806699	ST030T LED12/830 14W 220-240V I NB BK	CE mark	-	NO	No
31807399	ST030T LED12/840 14W 220-240V I NB BK	CE mark	-	NO	No
31808099	ST030T LED12/830 14W 220-240V I MB BK	CE mark	-	NO	No
31810399	ST030T LED20/830 23W 220-240V I NB BK	CE mark	-	-	-
31811099	ST030T LED20/840 23W 220-240V I NB BK	CE mark	-	NO	No
31812799	ST030T LED20/830 23W 220-240V I MB BK	CE mark	-	-	-
31813499	ST030T LED20/840 23W 220-240V I MB BK	CE mark	-	-	-
31814199	ST030T LED30/830 35W 220-240V I NB BK	CE mark	-	-	-
31815899	ST030T LED30/840 35W 220-240V I NB BK	CE mark	-	NO	No
31816599	ST030T LED30/830 35W 220-240V I MB BK	CE mark	-	-	-
31817299	ST030T LED30/840 35W 220-240V I MB BK	CE mark	-	NO	No
32251399	ST030T LED8/850 8W 220-240V I NB BK	-	-	-	-
32252099	ST030T LED8/850 8W 220-240V I MB BK	-	-	-	-
32253799	ST030T LED12/850 14W 220-240V I NB BK	-	-	-	-
32254499	ST030T LED12/850 14W 220-240V I MB BK	-	-	-	-
32255199	ST030T LED20/850 23W 220-240V I NB BK	-	-	-	-
32256899	ST030T LED20/850 23W 220-240V I MB BK	-	-	-	-
32257599	ST030T LED30/850 35W 220-240V I NB BK	-	-	-	-
32258299	ST030T LED30/850 35W 220-240V I MB BK	-	-	-	-

Initial Performance (IEC Compliant) (1/2)

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
31786199	ST030T LED8/830 8W 220-240V I NB WH	SDCM<5	3000 K	100 lm/W	800 lm
31787899	ST030T LED8/840 8W 220-240V I NB WH	SDCM<5	4000 K	100 lm/W	800 lm
31788599	ST030T LED8/830 8W 220-240V I MB WH	SDCM<5	3000 K	100 lm/W	800 lm
31789299	ST030T LED8/840 8W 220-240V I MB WH	SDCM<5	4000 K	100 lm/W	800 lm
31790899	ST030T LED12/830 14W 220-240V I NB WH	SDCM<5	3000 K	85.714 lm/W	1200 lm
31791599	ST030T LED12/840 14W 220-240V I NB WH	SDCM<5	4000 K	85.714 lm/W	1200 lm
31792299	ST030T LED12/830 14W 220-240V I MB WH	SDCM<5	3000 K	85.714 lm/W	1200 lm
31793999	ST030T LED12/840 14W 220-240V I MB WH	SDCM<5	4000 K	85.714 lm/W	1200 lm
31794699	ST030T LED20/830 23W 220-240V I NB WH	SDCM<5	3000 K	86.957 lm/W	2000 lm
31795399	ST030T LED20/840 23W 220-240V I NB WH	SDCM<5	4000 K	86.957 lm/W	2000 lm
31796099	ST030T LED20/830 23W 220-240V I MB WH	SDCM<5	3000 K	86.957 lm/W	2000 lm
31797799	ST030T LED20/840 23W 220-240V I MB WH	SDCM<5	4000 K	86.957 lm/W	2000 lm
31798499	ST030T LED30/830 35W	SDCM<5	3000 K	85.714 lm/W	3000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
	220-240V I NB WH				
31799199	ST030T LED30/840 35W 220-240V I NB WH	SDCM<5	4000 K	85.714 lm/W	3000 lm
31800499	ST030T LED30/830 35W 220-240V I MB WH	SDCM<5	3000 K	85.714 lm/W	3000 lm
31801199	ST030T LED30/840 35W 220-240V I MB WH	SDCM<5	4000 K	85.714 lm/W	3000 lm
32243899	ST030T LED8/850 8W 220-240V I NB WH	SDCM<6	5000 K	100 lm/W	800 lm
32244599	ST030T LED8/850 8W 220-240V I MB WH	SDCM<6	5000 K	100 lm/W	800 lm
32245299	ST030T LED12/850 14W 220-240V I NB WH	SDCM<6	5000 K	85.714 lm/W	1200 lm
32246999	ST030T LED12/850 14W 220-240V I MB WH	SDCM<6	5000 K	85.714 lm/W	1200 lm
32247699	ST030T LED20/850 23W 220-240V I NB WH	SDCM<6	5000 K	86.957 lm/W	2000 lm
32248399	ST030T LED20/850 23W 220-240V I MB WH	SDCM<6	5000 K	86.957 lm/W	2000 lm
32249099	ST030T LED30/850 35W 220-240V I NB WH	SDCM<6	5000 K	100 lm/W	3500 lm
32250699	ST030T LED30/850 35W 220-240V I MB WH	SDCM<6	5000 K	100 lm/W	3500 lm
31802899	ST030T LED8/830 8W 220-240V I NB BK	SDCM<5	3000 K	100 lm/W	800 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
31803599	ST030T LED8/840 8W 220-240V I NB BK	SDCM<5	4000 K	100 lm/W	800 lm
31804299	ST030T LED8/830 8W 220-240V I MB BK	SDCM<5	3000 K	100 lm/W	800 lm
31805999	ST030T LED8/840 8W 220-240V I MB BK	SDCM<5	4000 K	100 lm/W	800 lm
31806699	ST030T LED12/830 14W 220-240V I NB BK	SDCM<5	3000 K	85.714 lm/W	1200 lm
31807399	ST030T LED12/840 14W 220-240V I NB BK	SDCM<5	4000 K	85.714 lm/W	1200 lm
31808099	ST030T LED12/830 14W 220-240V I MB BK	SDCM<5	3000 K	85.714 lm/W	1200 lm
31810399	ST030T LED20/830 23W 220-240V I NB BK	SDCM<5	3000 K	52.174 lm/W	1200 lm
31811099	ST030T LED20/840 23W 220-240V I NB BK	SDCM<5	4000 K	86.957 lm/W	2000 lm
31812799	ST030T LED20/830 23W 220-240V I MB BK	SDCM<5	3000 K	86.957 lm/W	2000 lm
31813499	ST030T LED20/840 23W 220-240V I MB BK	SDCM<5	4000 K	86.957 lm/W	2000 lm
31814199	ST030T LED30/830 35W 220-240V I NB BK	SDCM<5	3000 K	57.143 lm/W	2000 lm
31815899	ST030T LED30/840 35W 220-240V I NB BK	SDCM<5	4000 K	85.714 lm/W	3000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
31816599	ST030T LED30/830 35W 220-240V I MB BK	SDCM<5	3000 K	85.714 lm/W	3000 lm
31817299	ST030T LED30/840 35W 220-240V I MB BK	SDCM<5	4000 K	85.714 lm/W	3000 lm
32251399	ST030T LED8/850 8W 220-240V I NB BK	SDCM<6	5000 K	100 lm/W	800 lm
32252099	ST030T LED8/850 8W 220-240V I MB BK	SDCM<6	5000 K	100 lm/W	800 lm
32253799	ST030T LED12/850 14W 220-240V I NB BK	SDCM<6	5000 K	85.714 lm/W	1200 lm
32254499	ST030T LED12/850 14W 220-240V I MB BK	SDCM<6	5000 K	85.714 lm/W	1200 lm
32255199	ST030T LED20/850 23W 220-240V I NB BK	SDCM<6	5000 K	86.957 lm/W	2000 lm
32256899	ST030T LED20/850 23W 220-240V I MB BK	SDCM<6	5000 K	86.957 lm/W	2000 lm
32257599	ST030T LED30/850 35W 220-240V I NB BK	SDCM<6	5000 K	100 lm/W	3500 lm
32258299	ST030T LED30/850 35W 220-240V I MB BK	SDCM<6	5000 K	100 lm/W	3500 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
31786199	ST030T LED8/830 8W 220-240V I NB WH	8 W
31787899	ST030T LED8/840 8W 220-240V I NB WH	8 W
31788599	ST030T LED8/830 8W 220-240V I MB WH	8 W
31789299	ST030T LED8/840 8W 220-240V I MB WH	8 W
31790899	ST030T LED12/830 14W 220-240V I NB WH	14 W

Order Code	Full Product Name	Initial input power
31791599	ST030T LED12/840 14W 220-240V I NB WH	14 W
31792299	ST030T LED12/830 14W 220-240V I MB WH	14 W
31793999	ST030T LED12/840 14W 220-240V I MB WH	14 W
31794699	ST030T LED20/830 23W 220-240V I NB WH	23 W
31795399	ST030T LED20/840 23W 220-240V I NB WH	23 W

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Order Code	Full Product Name	Initial input power
31796099	ST030T LED20/830 23W 220-240V I MB WH	23 W
31797799	ST030T LED20/840 23W 220-240V I MB WH	23 W
31798499	ST030T LED30/830 35W 220-240V I NB WH	35 W
31799199	ST030T LED30/840 35W 220-240V I NB WH	35 W
31800499	ST030T LED30/830 35W 220-240V I MB WH	35 W
31801199	ST030T LED30/840 35W 220-240V I MB WH	35 W
32243899	ST030T LED8/850 8W 220-240V I NB WH	8 W
32244599	ST030T LED8/850 8W 220-240V I MB WH	8 W
32245299	ST030T LED12/850 14W 220-240V I NB WH	14 W
32246999	ST030T LED12/850 14W 220-240V I MB WH	14 W
32247699	ST030T LED20/850 23W 220-240V I NB WH	23 W
32248399	ST030T LED20/850 23W 220-240V I MB WH	23 W
32249099	ST030T LED30/850 35W 220-240V I NB WH	35 W
32250699	ST030T LED30/850 35W 220-240V I MB WH	35 W
31802899	ST030T LED8/830 8W 220-240V I NB BK	8 W
31803599	ST030T LED8/840 8W 220-240V I NB BK	8 W
31804299	ST030T LED8/830 8W 220-240V I MB BK	8 W
31805999	ST030T LED8/840 8W 220-240V I MB BK	8 W
31806699	ST030T LED12/830 14W 220-240V I NB BK	14 W

Order Code	Full Product Name	Initial input power
31807399	ST030T LED12/840 14W 220-240V I NB BK	14 W
31808099	ST030T LED12/830 14W 220-240V I MB BK	14 W
31810399	ST030T LED20/830 23W 220-240V I NB BK	23 W
31811099	ST030T LED20/840 23W 220-240V I NB BK	23 W
31812799	ST030T LED20/830 23W 220-240V I MB BK	23 W
31813499	ST030T LED20/840 23W 220-240V I MB BK	23 W
31814199	ST030T LED30/830 35W 220-240V I NB BK	35 W
31815899	ST030T LED30/840 35W 220-240V I NB BK	35 W
31816599	ST030T LED30/830 35W 220-240V I MB BK	35 W
31817299	ST030T LED30/840 35W 220-240V I MB BK	35 W
32251399	ST030T LED8/850 8W 220-240V I NB BK	8 W
32252099	ST030T LED8/850 8W 220-240V I MB BK	8 W
32253799	ST030T LED12/850 14W 220-240V I NB BK	14 W
32254499	ST030T LED12/850 14W 220-240V I MB BK	14 W
32255199	ST030T LED20/850 23W 220-240V I NB BK	23 W
32256899	ST030T LED20/850 23W 220-240V I MB BK	23 W
32257599	ST030T LED30/850 35W 220-240V I NB BK	35 W
32258299	ST030T LED30/850 35W 220-240V I MB BK	35 W

Mechanical and Housing

Order Code	Full Product Name	Colour
31786199	ST030T LED8/830 8W 220-240V I NB WH	White
31787899	ST030T LED8/840 8W 220-240V I NB WH	White
31788599	ST030T LED8/830 8W 220-240V I MB WH	White
31789299	ST030T LED8/840 8W 220-240V I MB WH	White
31790899	ST030T LED12/830 14W 220-240V I NB WH	White
31791599	ST030T LED12/840 14W 220-240V I NB WH	White
31792299	ST030T LED12/830 14W 220-240V I MB WH	White
31793999	ST030T LED12/840 14W 220-240V I MB WH	White
31794699	ST030T LED20/830 23W 220-240V I NB WH	White
31795399	ST030T LED20/840 23W 220-240V I NB WH	White
31796099	ST030T LED20/830 23W 220-240V I MB WH	White
31797799	ST030T LED20/840 23W 220-240V I MB WH	White
31798499	ST030T LED30/830 35W 220-240V I NB WH	White
31799199	ST030T LED30/840 35W 220-240V I NB WH	White
31800499	ST030T LED30/830 35W 220-240V I MB WH	White
31801199	ST030T LED30/840 35W 220-240V I MB WH	White
32243899	ST030T LED8/850 8W 220-240V I NB WH	White
32244599	ST030T LED8/850 8W 220-240V I MB WH	White
32245299	ST030T LED12/850 14W 220-240V I NB WH	White
32246999	ST030T LED12/850 14W 220-240V I MB WH	White
32247699	ST030T LED20/850 23W 220-240V I NB WH	White
32248399	ST030T LED20/850 23W 220-240V I MB WH	White
32249099	ST030T LED30/850 35W 220-240V I NB WH	White
32250699	ST030T LED30/850 35W 220-240V I MB WH	White

Order Code	Full Product Name	Colour
31802899	ST030T LED8/830 8W 220-240V I NB BK	black
31803599	ST030T LED8/840 8W 220-240V I NB BK	black
31804299	ST030T LED8/830 8W 220-240V I MB BK	black
31805999	ST030T LED8/840 8W 220-240V I MB BK	black
31806699	ST030T LED12/830 14W 220-240V I NB BK	black
31807399	ST030T LED12/840 14W 220-240V I NB BK	black
31808099	ST030T LED12/830 14W 220-240V I MB BK	black
31810399	ST030T LED20/830 23W 220-240V I NB BK	black
31811099	ST030T LED20/840 23W 220-240V I NB BK	black
31812799	ST030T LED20/830 23W 220-240V I MB BK	black
31813499	ST030T LED20/840 23W 220-240V I MB BK	black
31814199	ST030T LED30/830 35W 220-240V I NB BK	black
31815899	ST030T LED30/840 35W 220-240V I NB BK	black
31816599	ST030T LED30/830 35W 220-240V I MB BK	black
31817299	ST030T LED30/840 35W 220-240V I MB BK	black
32251399	ST030T LED8/850 8W 220-240V I NB BK	black
32252099	ST030T LED8/850 8W 220-240V I MB BK	black
32253799	ST030T LED12/850 14W 220-240V I NB BK	black
32254499	ST030T LED12/850 14W 220-240V I MB BK	black
32255199	ST030T LED20/850 23W 220-240V I NB BK	black
32256899	ST030T LED20/850 23W 220-240V I MB BK	black
32257599	ST030T LED30/850 35W 220-240V I NB BK	black
32258299	ST030T LED30/850 35W 220-240V I MB BK	black

Essential Smart Bright Projector

