



The right combination of sleek design, performance and value for retail and hospitality

Essential SmartBright Projector (Wide Voltage) Gen 2

Essential SmartBright Projector ST033T is a value for money product designed for Mass market trade. It is designed to replace halogen and CDM-standard-based projectors for retail and hospitality applications. This track based luminaire supports retailers to let their products stand out, or highlight certain objects. The clean and contemporary design with integrated driver makes the Essential SmartBright Projector relevant to many applications. The choice of 2 colors in White and Black helps the Retailer to choose products best suited to blend into the Store Environment. Compared to it's predecessor, it is not only cost effective, but also a more sleek and lighter product design.

Benefits

- Reduced operating costs thanks to energy savings and longer lifetime, compared to conventional CDM-standard-based projectors
- Value for Money product for Mass market retail applications
- Clean, simple finish ensures Essential SmartBright Projector blends into many interior designs.

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Features

- Unobtrusive design in white or black finish
- Lumen output ranging from 600-2800 Lm.
- Energy-efficient: 80 lm/W
- Integrated driver and uniform track adaptor
- Color temperature 3000 or 4000 K
- CRI90

Application

- Fashion
- Retail
- Hospitality

Versions



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(Wide Voltage) Gen 2



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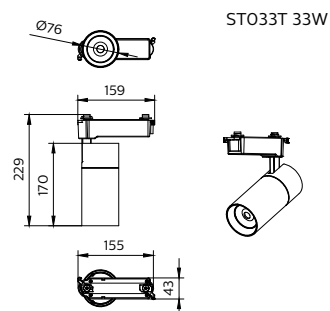
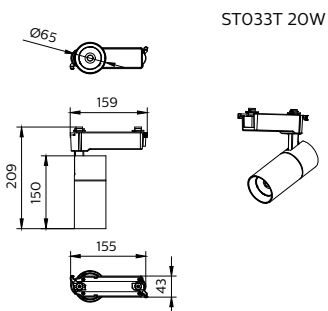


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Dimensional drawing



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Dimensional drawing



General Information	
Driver included	Yes
Gear	EB
Number of gear units	1 unit
Light Technical	
Color rendering index (CRI)	>90
Number of light sources	1
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	110 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No
Controls and Dimming	
Dimmable	-
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Polycarbonate
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 °C to 45 °C
CE mark	No
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-0%,+20%

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401845687	ST033T G2 LED26/930 33W WV MB WH	24 degree(s)	3000 K	80 lm/W	2,640 lm
911401845787	ST033T G2 LED28/940 33W WV MB WH	24 degree(s)	4000 K	85 lm/W	2,805 lm
911401845287	ST033T G2 LED16/930 20W WV MB WH	24 degree(s)	3000 K	80 lm/W	1,600 lm
911401845387	ST033T G2 LED17/940 20W WV MB WH	24 degree(s)	4000 K	85 lm/W	1,700 lm
911401844887	ST033T G2 LED8/930 10W WV MB WH	24 degree(s)	3000 K	80 lm/W	800 lm
911401844987	ST033T G2 LED8/940 10W WV MB WH	24 degree(s)	4000 K	85 lm/W	850 lm
911401845887	ST033T G2 LED26/930 33W WV MB BK	24 degree(s)	3000 K	80 lm/W	2,640 lm
911401845987	ST033T G2 LED28/940 33W WV MB BK	24 degree(s)	4000 K	85 lm/W	2,805 lm
911401844687	ST033T G2 LED6/930 7W WV WB BK	36 degree(s)	3000 K	80 lm/W	560 lm
911401844787	ST033T G2 LED6/940 7W WV WB BK	36 degree(s)	4000 K	85 lm/W	595 lm
911401844487	ST033T G2 LED6/930 7W WV WB WH	36 degree(s)	3000 K	80 lm/W	560 lm
911401844587	ST033T G2 LED6/940 7W WV WB WH	36 degree(s)	4000 K	85 lm/W	595 lm
911401845087	ST033T G2 LED8/930 10W WV MB BK	24 degree(s)	3000 K	80 lm/W	800 lm
911401845187	ST033T G2 LED8/940 10W WV MB BK	24 degree(s)	4000 K	85 lm/W	850 lm
911401845487	ST033T G2 LED16/930 20W WV MB BK	24 degree(s)	3000 K	80 lm/W	1,600 lm
911401845587	ST033T G2 LED17/940 20W WV MB BK	24 degree(s)	4000 K	85 lm/W	1,700 lm

Light Technical (2/2)

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Order Code	Full Product Name	Optic type
911401845687	ST033T G2 LED26/930 33W WV MB WH	Beam angle 24°
911401845787	ST033T G2 LED28/940 33W WV MB WH	Beam angle 24°
911401845287	ST033T G2 LED16/930 20W WV MB WH	Beam angle 24°
911401845387	ST033T G2 LED17/940 20W WV MB WH	Beam angle 24°
911401844887	ST033T G2 LED8/930 10W WV MB WH	Beam angle 24°
911401844987	ST033T G2 LED8/940 10W WV MB WH	Beam angle 24°
911401845887	ST033T G2 LED26/930 33W WV MB BK	Beam angle 24°
911401845987	ST033T G2 LED28/940 33W WV MB BK	Beam angle 24°

Order Code	Full Product Name	Optic type
911401844687	ST033T G2 LED6/930 7W WV WB BK	Beam angle 36°
911401844787	ST033T G2 LED6/940 7W WV WB BK	Beam angle 36°
911401844487	ST033T G2 LED6/930 7W WV WB WH	Beam angle 36°
911401844587	ST033T G2 LED6/940 7W WV WB WH	Beam angle 36°
911401845087	ST033T G2 LED8/930 10W WV MB BK	Beam angle 24°
911401845187	ST033T G2 LED8/940 10W WV MB BK	Beam angle 24°
911401845487	ST033T G2 LED16/930 20W WV MB BK	Beam angle 24°
911401845587	ST033T G2 LED17/940 20W WV MB BK	Beam angle 24°

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401845687	ST033T G2 LED26/930 33W WV MB WH	33 W
911401845787	ST033T G2 LED28/940 33W WV MB WH	33 W
911401845287	ST033T G2 LED16/930 20W WV MB WH	20 W
911401845387	ST033T G2 LED17/940 20W WV MB WH	20 W
911401844887	ST033T G2 LED8/930 10W WV MB WH	10 W
911401844987	ST033T G2 LED8/940 10W WV MB WH	10 W
911401845887	ST033T G2 LED26/930 33W WV MB BK	33 W
911401845987	ST033T G2 LED28/940 33W WV MB BK	33 W

Order Code	Full Product Name	Power Consumption
911401844687	ST033T G2 LED6/930 7W WV WB BK	7 W
911401844787	ST033T G2 LED6/940 7W WV WB BK	7 W
911401844487	ST033T G2 LED6/930 7W WV WB WH	7 W
911401844587	ST033T G2 LED6/940 7W WV WB WH	7 W
911401845087	ST033T G2 LED8/930 10W WV MB BK	10 W
911401845187	ST033T G2 LED8/940 10W WV MB BK	10 W
911401845487	ST033T G2 LED16/930 20W WV MB BK	20 W
911401845587	ST033T G2 LED17/940 20W WV MB BK	20 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color
911401845687	ST033T G2 LED26/930 33W WV MB WH	White RAL 9003
911401845787	ST033T G2 LED28/940 33W WV MB WH	White RAL 9003
911401845287	ST033T G2 LED16/930 20W WV MB WH	White RAL 9003
911401845387	ST033T G2 LED17/940 20W WV MB WH	White RAL 9003
911401844887	ST033T G2 LED8/930 10W WV MB WH	White RAL 9003
911401844987	ST033T G2 LED8/940 10W WV MB WH	White RAL 9003
911401845887	ST033T G2 LED26/930 33W WV MB BK	Black
911401845987	ST033T G2 LED28/940 33W WV MB BK	Black

Order Code	Full Product Name	Housing Color
911401844687	ST033T G2 LED6/930 7W WV WB BK	Black
911401844787	ST033T G2 LED6/940 7W WV WB BK	Black
911401844487	ST033T G2 LED6/930 7W WV WB WH	White RAL 9003
911401844587	ST033T G2 LED6/940 7W WV WB WH	White RAL 9003
911401845087	ST033T G2 LED8/930 10W WV MB BK	Black
911401845187	ST033T G2 LED8/940 10W WV MB BK	Black
911401845487	ST033T G2 LED16/930 20W WV MB BK	Black
911401845587	ST033T G2 LED17/940 20W WV MB BK	Black

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401845687	ST033T G2 LED26/930 33W WV MB WH	(0.44,0.40) SDCM<5
911401845787	ST033T G2 LED28/940 33W WV MB WH	(0.38,0.38) SDCM<5
911401845287	ST033T G2 LED16/930 20W WV MB WH	(0.44,0.40) SDCM<5
911401845387	ST033T G2 LED17/940 20W WV MB WH	(0.38,0.38) SDCM<5
911401844887	ST033T G2 LED8/930 10W WV MB WH	(0.44,0.40) SDCM<5
911401844987	ST033T G2 LED8/940 10W WV MB WH	(0.38,0.38) SDCM<5
911401845887	ST033T G2 LED26/930 33W WV MB BK	(0.44,0.40) SDCM<5
911401845987	ST033T G2 LED28/940 33W WV MB BK	(0.38,0.38) SDCM<5

Order Code	Full Product Name	Initial chromaticity
911401844687	ST033T G2 LED6/930 7W WV WB BK	(0.44,0.40) SDCM<5
911401844787	ST033T G2 LED6/940 7W WV WB BK	(0.38,0.38) SDCM<5
911401844487	ST033T G2 LED6/930 7W WV WB WH	(0.44,0.40) SDCM<5
911401844587	ST033T G2 LED6/940 7W WV WB WH	(0.38,0.38) SDCM<5
911401845087	ST033T G2 LED8/930 10W WV MB BK	(0.44,0.40) SDCM<5
911401845187	ST033T G2 LED8/940 10W WV MB BK	(0.38,0.38) SDCM<5
911401845487	ST033T G2 LED16/930 20W WV MB BK	(0.44,0.40) SDCM<5
911401845587	ST033T G2 LED17/940 20W WV MB BK	(0.38,0.38) SDCM<5

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