



Safe & Reliable

Essential Smartbright Projector 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 and choice in 24 or 36 degrees beam angle makes the Essential SmartBright Projector relevant to many applications. The choice of 2 colours in White and Black helps the Retailer to choose products best suited to blend into the Store Environment. Compared to its predecessor, it is not only cost effective but also a more sleek and lighter product design. The product family includes 1M and 2M Track in Black and white colour with I and L connector to support various applications.

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.

Features

- Unobtrusive design in white or black finish
- 24 and 36 degree beam angle with Lumen output ranging from 800-2500 Lm.
- Energy-efficient: 80 lm/W
- Integrated driver and uniform track adaptor
- color temperature 3000 or 4000 K

Application

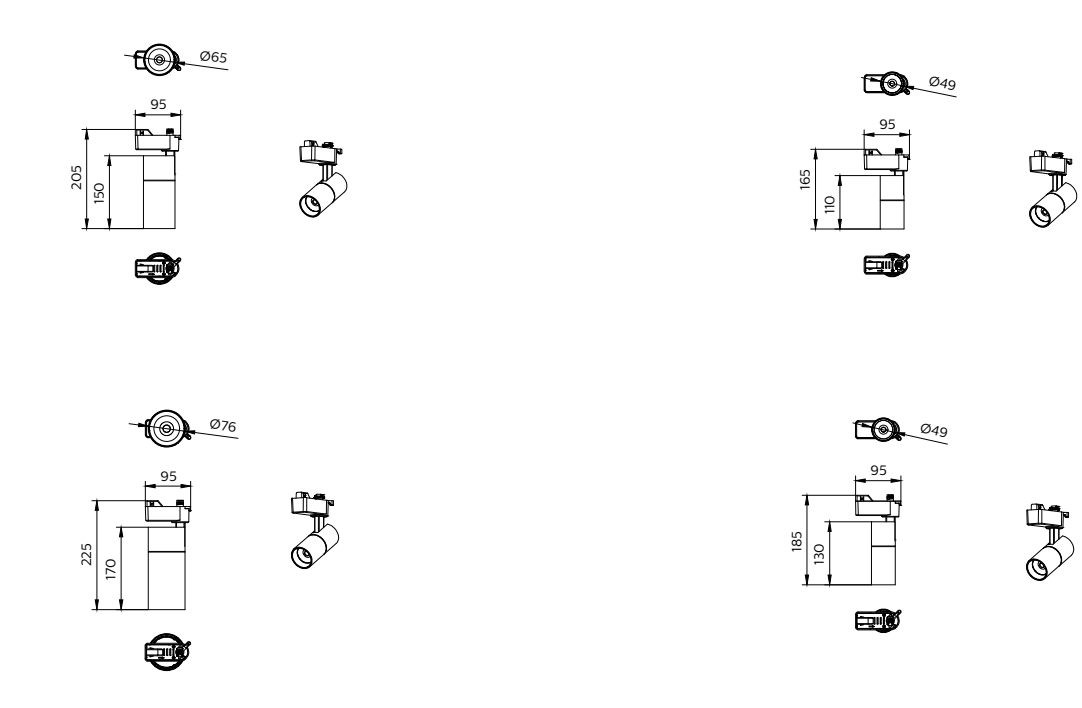
- Fashion
- Retail
- Hospitality

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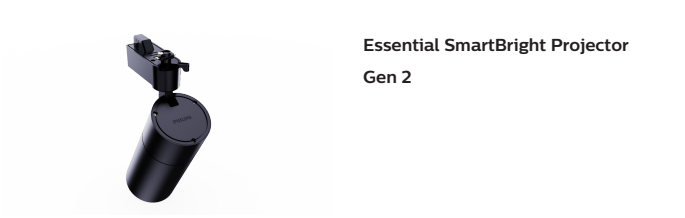
Versions



Dimensional drawing



Product details



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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 I
Input Voltage	220-240 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%
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Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401832287	ST033T G2 LED8/930 10W I MB BK GM	24 degree(s)	3000 K	80 lm/W	800 lm
911401832387	ST033T G2 LED8/930 10W I WB BK GM	36 degree(s)	3000 K	80 lm/W	800 lm
911401832487	ST033T G2 LED8/940 10W I MB BK GM	24 degree(s)	4000 K	85 lm/W	850 lm
911401832587	ST033T G2 LED8/940 10W I WB BK GM	36 degree(s)	4000 K	85 lm/W	850 lm
911401833087	ST033T G2 LED17/930 20W I MB BK GM	24 degree(s)	3000 K	80 lm/W	1,600 lm
911401833187	ST033T G2 LED17/930 20W I WB BK GM	36 degree(s)	3000 K	80 lm/W	1,600 lm
911401833287	ST033T G2 LED17/940 20W I MB BK GM	24 degree(s)	4000 K	85 lm/W	1,700 lm
911401833387	ST033T G2 LED17/940 20W I WB BK GM	36 degree(s)	4000 K	85 lm/W	1,700 lm
911401832687	ST033T G2 LED17/930 20W I MB WH GM	24 degree(s)	3000 K	80 lm/W	1,600 lm
911401832787	ST033T G2 LED17/930 20W I WB WH GM	36 degree(s)	3000 K	80 lm/W	1,600 lm
911401832887	ST033T G2 LED17/940 20W I MB WH GM	24 degree(s)	4000 K	85 lm/W	850 lm
911401832987	ST033T G2 LED17/940 20W I WB WH GM	36 degree(s)	4000 K	85 lm/W	1,700 lm
911401831887	ST033T G2 LED8/930 10W I MB WH GM	24 degree(s)	3000 K	80 lm/W	800 lm
911401831987	ST033T G2 LED8/930 10W I WB WH GM	36 degree(s)	3000 K	80 lm/W	800 lm
911401832087	ST033T G2 LED8/940 10W I MB WH GM	24 degree(s)	4000 K	80 lm/W	800 lm
911401832187	ST033T G2 LED8/940 10W I WB WH GM	36 degree(s)	4000 K	85 lm/W	850 lm
911401833887	ST033T G2 LED25/930 33W I MB BK GM	24 degree(s)	3000 K	80 lm/W	2,640 lm
911401833987	ST033T G2 LED25/930 33W I WB BK GM	36 degree(s)	3000 K	80 lm/W	2,640 lm
911401834087	ST033T G2 LED25/940 33W I MB BK GM	24 degree(s)	4000 K	85 lm/W	2,805 lm
911401834187	ST033T G2 LED25/940 33W I WB BK GM	36 degree(s)	4000 K	85 lm/W	2,805 lm
911401831687	ST033T G2 LED5/930 7W I WB BK GM	36 degree(s)	3000 K	85 lm/W	595 lm
911401831787	ST033T G2 LED5/940 7W I WB BK GM	36 degree(s)	4000 K	90 lm/W	640 lm
911401833487	ST033T G2 LED25/930 33W I MB WH GM	24 degree(s)	3000 K	80 lm/W	2,640 lm
911401833587	ST033T G2 LED25/930 33W I WB WH GM	36 degree(s)	3000 K	80 lm/W	2,640 lm

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Order Code	Full Product Name	Beam angle	Correlated Color	Luminous	Luminous
		of light	Temperature	Efficacy (rated)	
		source	(Nom)	(Nom)	Flux
911401833687	ST033T G2 LED25/940 33W I MB WH GM	24 degree(s)	4000 K	85 lm/W	2,805 lm
911401833787	ST033T G2 LED25/940 33W I WB WH GM	36 degree(s)	4000 K	85 lm/W	2,805 lm
911401831487	ST033T G2 LED5/930 7W I WB WH GM	36 degree(s)	3000 K	85 lm/W	595 lm
911401831587	ST033T G2 LED5/940 7W I WB WH GM	36 degree(s)	4000 K	90 lm/W	640 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type	Order Code	Full Product Name	Optic type
911401832287	ST033T G2 LED8/930 10W I MB BK GM	Beam angle 24°	911401832087	ST033T G2 LED8/940 10W I MB WH GM	Beam angle 24°
911401832387	ST033T G2 LED8/930 10W I WB BK GM	Beam angle 36°	911401832187	ST033T G2 LED8/940 10W I WB WH GM	Beam angle 36°
911401832487	ST033T G2 LED8/940 10W I MB BK GM	Beam angle 24°	911401833887	ST033T G2 LED25/930 33W I MB BK GM	Beam angle 24°
911401832587	ST033T G2 LED8/940 10W I WB BK GM	Beam angle 36°	911401833987	ST033T G2 LED25/930 33W I WB BK GM	Beam angle 36°
911401833087	ST033T G2 LED17/930 20W I MB BK GM	Beam angle 24°	911401834087	ST033T G2 LED25/940 33W I MB BK GM	Beam angle 24°
911401833187	ST033T G2 LED17/930 20W I WB BK GM	Beam angle 36°	911401834187	ST033T G2 LED25/940 33W I WB BK GM	Beam angle 36°
911401833287	ST033T G2 LED17/940 20W I MB BK GM	Beam angle 24°	911401831687	ST033T G2 LED5/930 7W I WB BK GM	Beam angle 36°
911401833387	ST033T G2 LED17/940 20W I WB BK GM	Beam angle 36°	911401831787	ST033T G2 LED5/940 7W I WB BK GM	Beam angle 36°
911401832687	ST033T G2 LED17/930 20W I MB WH GM	Beam angle 24°	911401833487	ST033T G2 LED25/930 33W I MB WH GM	Beam angle 24°
911401832787	ST033T G2 LED17/930 20W I WB WH GM	Beam angle 36°	911401833587	ST033T G2 LED25/930 33W I WB WH GM	Beam angle 36°
911401832887	ST033T G2 LED17/940 20W I MB WH GM	Beam angle 24°	911401833687	ST033T G2 LED25/940 33W I MB WH GM	Beam angle 24°
911401832987	ST033T G2 LED17/940 20W I WB WH GM	Beam angle 36°	911401833787	ST033T G2 LED25/940 33W I WB WH GM	Beam angle 36°
911401831887	ST033T G2 LED8/930 10W I MB WH GM	Beam angle 24°	911401831487	ST033T G2 LED5/930 7W I WB WH GM	Beam angle 36°
911401831987	ST033T G2 LED8/930 10W I WB WH GM	Beam angle 36°	911401831587	ST033T G2 LED5/940 7W I WB WH GM	Beam angle 36°

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401832287	ST033T G2 LED8/930 10W I MB BK GM	10 W	911401832087	ST033T G2 LED8/940 10W I MB WH GM	10 W
911401832387	ST033T G2 LED8/930 10W I WB BK GM	10 W	911401832187	ST033T G2 LED8/940 10W I WB WH GM	10 W
911401832487	ST033T G2 LED8/940 10W I MB BK GM	10 W	911401833887	ST033T G2 LED25/930 33W I MB BK GM	33 W
911401832587	ST033T G2 LED8/940 10W I WB BK GM	10 W	911401833987	ST033T G2 LED25/930 33W I WB BK GM	33 W
911401833087	ST033T G2 LED17/930 20W I MB BK GM	20 W	911401834087	ST033T G2 LED25/940 33W I MB BK GM	33 W
911401833187	ST033T G2 LED17/930 20W I WB BK GM	20 W	911401834187	ST033T G2 LED25/940 33W I WB BK GM	33 W
911401833287	ST033T G2 LED17/940 20W I MB BK GM	20 W	911401831687	ST033T G2 LED5/930 7W I WB BK GM	7 W
911401833387	ST033T G2 LED17/940 20W I WB BK GM	20 W	911401831787	ST033T G2 LED5/940 7W I WB BK GM	7 W
911401832687	ST033T G2 LED17/930 20W I MB WH GM	20 W	911401833487	ST033T G2 LED25/930 33W I MB WH GM	33 W
911401832787	ST033T G2 LED17/930 20W I WB WH GM	20 W	911401833587	ST033T G2 LED25/930 33W I WB WH GM	33 W
911401832887	ST033T G2 LED17/940 20W I MB WH GM	20 W	911401833687	ST033T G2 LED25/940 33W I MB WH GM	33 W
911401832987	ST033T G2 LED17/940 20W I WB WH GM	20 W	911401833787	ST033T G2 LED25/940 33W I WB WH GM	33 W
911401831887	ST033T G2 LED8/930 10W I MB WH GM	10 W	911401831487	ST033T G2 LED5/930 7W I WB WH GM	7 W
911401831987	ST033T G2 LED8/930 10W I WB WH GM	10 W	911401831587	ST033T G2 LED5/940 7W I WB WH GM	7 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Order Code	Full Product Name	Housing Color
911401832287	ST033T G2 LED8/930 10W I MB BK GM	Black	911401832387	ST033T G2 LED8/930 10W I WB BK GM	Black

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Order Code	Full Product Name	Housing Color
911401832487	ST033T G2 LED8/940 10W I MB BK GM	Black
911401832587	ST033T G2 LED8/940 10W I WB BK GM	Black
911401833087	ST033T G2 LED17/930 20W I MB BK GM	Black
911401833187	ST033T G2 LED17/930 20W I WB BK GM	Black
911401833287	ST033T G2 LED17/940 20W I MB BK GM	Black
911401833387	ST033T G2 LED17/940 20W I WB BK GM	Black
911401832687	ST033T G2 LED17/930 20W I MB WH GM	White RAL 9003
911401832787	ST033T G2 LED17/930 20W I WB WH GM	White RAL 9003
911401832887	ST033T G2 LED17/940 20W I MB WH GM	White RAL 9003
911401832987	ST033T G2 LED17/940 20W I WB WH GM	White RAL 9003
911401831887	ST033T G2 LED8/930 10W I MB WH GM	White RAL 9003
911401831987	ST033T G2 LED8/930 10W I WB WH GM	White RAL 9003
911401832087	ST033T G2 LED8/940 10W I MB WH GM	White RAL 9003

Order Code	Full Product Name	Housing Color
911401832187	ST033T G2 LED8/940 10W I WB WH GM	White RAL 9003
911401833887	ST033T G2 LED25/930 33W I MB BK GM	Black
911401833987	ST033T G2 LED25/930 33W I WB BK GM	Black
911401834087	ST033T G2 LED25/940 33W I MB BK GM	Black
911401834187	ST033T G2 LED25/940 33W I WB BK GM	Black
911401831687	ST033T G2 LED5/930 7W I WB BK GM	Black
911401831787	ST033T G2 LED5/940 7W I WB BK GM	Black
911401833487	ST033T G2 LED25/930 33W I MB WH GM	White RAL 9003
911401833587	ST033T G2 LED25/930 33W I WB WH GM	White RAL 9003
911401833687	ST033T G2 LED25/940 33W I MB WH GM	White RAL 9003
911401833787	ST033T G2 LED25/940 33W I WB WH GM	White RAL 9003
911401831487	ST033T G2 LED5/930 7W I WB WH GM	White RAL 9003
911401831587	ST033T G2 LED5/940 7W I WB WH GM	White RAL 9003

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401832287	ST033T G2 LED8/930 10W I MB BK GM	(0.44,0.40) SDCM<5
911401832387	ST033T G2 LED8/930 10W I WB BK GM	(0.44,0.40) SDCM<5
911401832487	ST033T G2 LED8/940 10W I MB BK GM	(0.38,0.38) SDCM<5
911401832587	ST033T G2 LED8/940 10W I WB BK GM	(0.38,0.38) SDCM<5
911401833087	ST033T G2 LED17/930 20W I MB BK GM	(0.44,0.40) SDCM<5
911401833187	ST033T G2 LED17/930 20W I WB BK GM	(0.44,0.40) SDCM<5
911401833287	ST033T G2 LED17/940 20W I MB BK GM	(0.38,0.38) SDCM<5
911401833387	ST033T G2 LED17/940 20W I WB BK GM	(0.38,0.38) SDCM<5
911401832687	ST033T G2 LED17/930 20W I MB WH GM	(0.44,0.40) SDCM<5
911401832787	ST033T G2 LED17/930 20W I WB WH GM	(0.44,0.40) SDCM<5
911401832887	ST033T G2 LED17/940 20W I MB WH GM	(0.38,0.38) SDCM<5
911401832987	ST033T G2 LED17/940 20W I WB WH GM	(0.38,0.38) SDCM<5
911401831887	ST033T G2 LED8/930 10W I MB WH GM	(0.44,0.40) SDCM<5
911401831987	ST033T G2 LED8/930 10W I WB WH GM	(0.44,0.40) SDCM<5

Order Code	Full Product Name	Initial chromaticity
911401832087	ST033T G2 LED8/940 10W I MB WH GM	(0.38,0.38) SDCM<5
911401832187	ST033T G2 LED8/940 10W I WB WH GM	(0.38,0.38) SDCM<5
911401833887	ST033T G2 LED25/930 33W I MB BK GM	(0.44,0.40) SDCM<5
911401833987	ST033T G2 LED25/930 33W I WB BK GM	(0.44,0.40) SDCM<5
911401834087	ST033T G2 LED25/940 33W I MB BK GM	(0.38,0.38) SDCM<5
911401834187	ST033T G2 LED25/940 33W I WB BK GM	(0.38,0.38) SDCM<5
911401831687	ST033T G2 LED5/930 7W I WB BK GM	(0.44,0.40) SDCM<5
911401831787	ST033T G2 LED5/940 7W I WB BK GM	(0.38,0.38) SDCM<5
911401833487	ST033T G2 LED25/930 33W I MB WH GM	(0.44,0.40) SDCM<5
911401833587	ST033T G2 LED25/930 33W I WB WH GM	(0.44,0.40) SDCM<5
911401833687	ST033T G2 LED25/940 33W I MB WH GM	(0.38,0.38) SDCM<5
911401833787	ST033T G2 LED25/940 33W I WB WH GM	(0.38,0.38) SDCM<5
911401831487	ST033T G2 LED5/930 7W I WB WH GM	(0.44,0.40) SDCM<5
911401831587	ST033T G2 LED5/940 7W I WB WH GM	(0.38,0.38) SDCM<5

