



# 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.

# Essential Smartbright Projector (Wide Voltage) Gen 2

## 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



ST033T 20W Black



Essential Smartbright Projector (Wide Voltage) Gen 2



ST033T 30W Black



Essential Smartbright Projector (Wide Voltage) Gen 2



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Essential Smartbright Projector (Wide Voltage) Gen 2

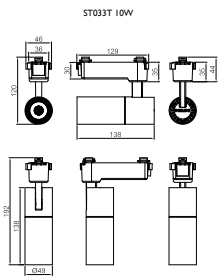
# Essential Smartbright Projector (Wide Voltage) Gen 2

## Versions

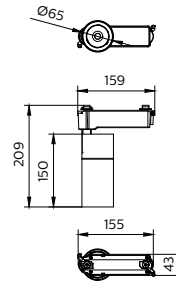


Essential Smartbright Projector  
(Wide Voltage) Gen 2

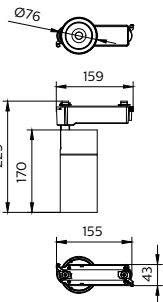
## Dimensional drawing



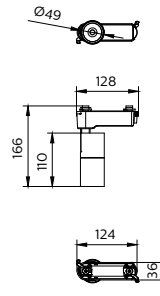
ST033T 10W



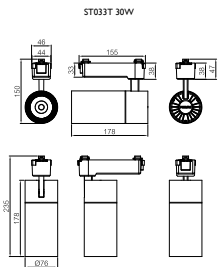
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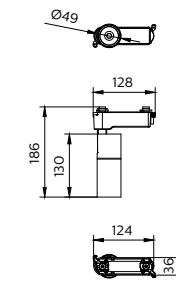
ST033T 33W



ST033T 7W



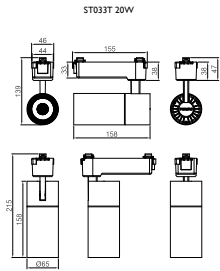
ST033T 30W



ST033T 10W

# Essential Smartbright Projector (Wide Voltage) Gen 2

## Dimensional drawing



### Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	110 to 240 V
Line Frequency	50 or 60 Hz

### Mechanical and Housing

Mech. impact protection code	IK03
Ingress protection code	IP20

### Approval and Application

CE mark	No
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces

### General Information

Order Code	Full Product Name	Driver included	Gear	Number of gear units
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	-	-	-
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	-	-	-
911401845687	ST033T G2 LED26/930 33W WV MB WH	Yes	EB	1 unit
911401845787	ST033T G2 LED28/940 33W WV MB WH	Yes	EB	1 unit
911401893682	ST033T LED25/830 30W 110-240V I MB BK TW	-	-	-
911401845287	ST033T G2 LED16/930 20W WV MB WH	Yes	EB	1 unit
911401845387	ST033T G2 LED17/940 20W WV MB WH	Yes	EB	1 unit
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	-	-	-
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	-	-	-
911401844887	ST033T G2 LED8/930 10W WV MB WH	Yes	EB	1 unit
911401844987	ST033T G2 LED8/940 10W WV MB WH	Yes	EB	1 unit
911401845887	ST033T G2 LED26/930 33W WV MB BK	Yes	EB	1 unit
911401845987	ST033T G2 LED28/940 33W WV MB BK	Yes	EB	1 unit
911401844687	ST033T G2 LED6/930 7W WV WB BK	Yes	EB	1 unit
911401844787	ST033T G2 LED6/940 7W WV WB BK	Yes	EB	1 unit
911401844487	ST033T G2 LED6/930 7W WV WB WH	Yes	EB	1 unit
911401844587	ST033T G2 LED6/940 7W WV WB WH	Yes	EB	1 unit
911401845087	ST033T G2 LED8/930 10W WV MB BK	Yes	EB	1 unit
911401845187	ST033T G2 LED8/940 10W WV MB BK	Yes	EB	1 unit
911401845487	ST033T G2 LED16/930 20W WV MB BK	Yes	EB	1 unit
911401845587	ST033T G2 LED17/940 20W WV MB BK	Yes	EB	1 unit

## Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	-	3000 K	>80	80 lm/W
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	-	4000 K	>80	85 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401845687	ST033T G2 LED26/930 33W WV MB WH	24 degree(s)	3000 K	>90	80 lm/W
911401845787	ST033T G2 LED28/940 33W WV MB WH	24 degree(s)	4000 K	>90	85 lm/W
911401893682	ST033T LED25/830 30W	-	3000 K	>80	80 lm/W

## Essential Smartbright Projector (Wide Voltage) Gen 2

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
	110-240V I MB BK TW				
911401845287	ST033T G2 LED16/930 20W WV MB WH	24 degree(s)	3000 K	>90	80 lm/W
911401845387	ST033T G2 LED17/940 20W WV MB WH	24 degree(s)	4000 K	>90	85 lm/W
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	-	3000 K	>80	85 lm/W
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	-	4000 K	>80	90 lm/W
911401844887	ST033T G2 LED8/930 10W WV MB WH	24 degree(s)	3000 K	>90	80 lm/W
911401844987	ST033T G2 LED8/940 10W WV MB WH	24 degree(s)	4000 K	>90	85 lm/W
911401845887	ST033T G2 LED26/930 33W WV MB BK	24 degree(s)	3000 K	>90	80 lm/W
911401845987	ST033T G2 LED28/940 33W WV MB BK	24 degree(s)	4000 K	>90	85 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401844687	ST033T G2 LED6/930 7W WV WB BK	36 degree(s)	3000 K	>90	80 lm/W
911401844787	ST033T G2 LED6/940 7W WV WB BK	36 degree(s)	4000 K	>90	85 lm/W
911401844487	ST033T G2 LED6/930 7W WV WB WH	36 degree(s)	3000 K	>90	80 lm/W
911401844587	ST033T G2 LED6/940 7W WV WB WH	36 degree(s)	4000 K	>90	85 lm/W
911401845087	ST033T G2 LED8/930 10W WV MB BK	24 degree(s)	3000 K	>90	80 lm/W
911401845187	ST033T G2 LED8/940 10W WV MB BK	24 degree(s)	4000 K	>90	85 lm/W
911401845487	ST033T G2 LED16/930 20W WV MB BK	24 degree(s)	3000 K	>90	80 lm/W
911401845587	ST033T G2 LED17/940 20W WV MB BK	24 degree(s)	4000 K	>90	85 lm/W

### Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Number of light sources	Optic type
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	1,600 lm	-	-
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	1,700 lm	-	-
911401845687	ST033T G2 LED26/930 33W WV MB WH	2,640 lm	1	Beam angle 24°
911401845787	ST033T G2 LED28/940 33W WV MB WH	2,805 lm	1	Beam angle 24°
911401893682	ST033T LED25/830 30W 110-240V I MB BK TW	2,400 lm	-	-
911401845287	ST033T G2 LED16/930 20W WV MB WH	1,600 lm	1	Beam angle 24°
911401845387	ST033T G2 LED17/940 20W WV MB WH	1,700 lm	1	Beam angle 24°

Order Code	Full Product Name	Luminous Flux	Number of light sources	Optic type
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	850 lm	-	-
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	900 lm	-	-
911401844887	ST033T G2 LED8/930 10W WV MB WH	800 lm	1	Beam angle 24°
911401844987	ST033T G2 LED8/940 10W WV MB WH	850 lm	1	Beam angle 24°
911401845887	ST033T G2 LED26/930 33W WV MB BK	2,640 lm	1	Beam angle 24°
911401845987	ST033T G2 LED28/940 33W WV MB BK	2,805 lm	1	Beam angle 24°
911401844687	ST033T G2 LED6/930 7W WV WB BK	560 lm	1	Beam angle 36°

## Essential Smartbright Projector (Wide Voltage) Gen 2

Order Code	Full Product Name	Luminous Flux	Number of light	
			sources	Optic type
911401844787	ST033T G2 LED6/940 7W WV WB BK	595 lm	1	Beam angle 36°
911401844487	ST033T G2 LED6/930 7W WV WB WH	560 lm	1	Beam angle 36°
911401844587	ST033T G2 LED6/940 7W WV WB WH	595 lm	1	Beam angle 36°
911401845087	ST033T G2 LED8/930 10W WV MB BK	800 lm	1	Beam angle 24°

Order Code	Full Product Name	Luminous Flux	Number of light	
			sources	Optic type
911401845187	ST033T G2 LED8/940 10W WV MB BK	850 lm	1	Beam angle 24°
911401845487	ST033T G2 LED16/930 20W WV MB BK	1,600 lm	1	Beam angle 24°
911401845587	ST033T G2 LED17/940 20W WV MB BK	1,700 lm	1	Beam angle 24°

### Operating and Electrical

Order Code	Full Product Name	Power Consumption	Suitable for random
			switching
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	20 W	-
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	20 W	-
911401845687	ST033T G2 LED26/930 33W WV MB WH	33 W	No
911401845787	ST033T G2 LED28/940 33W WV MB WH	33 W	No
911401893682	ST033T LED25/830 30W 110-240V I MB BK TW	30 W	-
911401845287	ST033T G2 LED16/930 20W WV MB WH	20 W	No
911401845387	ST033T G2 LED17/940 20W WV MB WH	20 W	No
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	10 W	-
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	10 W	-
911401844887	ST033T G2 LED8/930 10W WV MB WH	10 W	No
911401844987	ST033T G2 LED8/940 10W WV MB WH	10 W	No

Order Code	Full Product Name	Power Consumption	Suitable for random
			switching
911401845887	ST033T G2 LED26/930 33W WV MB BK	33 W	No
911401845987	ST033T G2 LED28/940 33W WV MB BK	33 W	No
911401844687	ST033T G2 LED6/930 7W WV WB BK	7 W	No
911401844787	ST033T G2 LED6/940 7W WV WB BK	7 W	No
911401844487	ST033T G2 LED6/930 7W WV WB WH	7 W	No
911401844587	ST033T G2 LED6/940 7W WV WB WH	7 W	No
911401845087	ST033T G2 LED8/930 10W WV MB BK	10 W	No
911401845187	ST033T G2 LED8/940 10W WV MB BK	10 W	No
911401845487	ST033T G2 LED16/930 20W WV MB BK	20 W	No
911401845587	ST033T G2 LED17/940 20W WV MB BK	20 W	No

### Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim
			level
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	No	-
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	No	-
911401845687	ST033T G2 LED26/930 33W WV MB WH	-	Not applicable
911401845787	ST033T G2 LED28/940 33W WV MB WH	-	Not applicable
911401893682	ST033T LED25/830 30W 110-240V I MB BK TW	No	-

Order Code	Full Product Name	Dimmable	Maximum dim
			level
911401845287	ST033T G2 LED16/930 20W WV MB WH	-	Not applicable
911401845387	ST033T G2 LED17/940 20W WV MB WH	-	Not applicable
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	No	-
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	No	-
911401844887	ST033T G2 LED8/930 10W WV MB WH	-	Not applicable
911401844987	ST033T G2 LED8/940 10W WV MB WH	-	Not applicable

## Essential Smartbright Projector (Wide Voltage) Gen 2

Order Code	Full Product Name	Dimmable	Maximum dim level
911401845887	ST033T G2 LED26/930 33W WV MB BK	-	Not applicable
911401845987	ST033T G2 LED28/940 33W WV MB BK	-	Not applicable
911401844687	ST033T G2 LED6/930 7W WV WB BK	-	Not applicable
911401844787	ST033T G2 LED6/940 7W WV WB BK	-	Not applicable
911401844487	ST033T G2 LED6/930 7W WV WB WH	-	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401844587	ST033T G2 LED6/940 7W WV WB WH	-	Not applicable
911401845087	ST033T G2 LED8/930 10W WV MB BK	-	Not applicable
911401845187	ST033T G2 LED8/940 10W WV MB BK	-	Not applicable
911401845487	ST033T G2 LED16/930 20W WV MB BK	-	Not applicable
911401845587	ST033T G2 LED17/940 20W WV MB BK	-	Not applicable

### Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Housing Color
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	Collimator with focus angle 24°	Black
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	Collimator with focus angle 24°	Black
911401845687	ST033T G2 LED26/930 33W WV MB WH	Polycarbonate	White RAL 9003
911401845787	ST033T G2 LED28/940 33W WV MB WH	Polycarbonate	White RAL 9003
911401893682	ST033T LED25/830 30W 110-240V I MB BK TW	Collimator with focus angle 24°	Black
911401845287	ST033T G2 LED16/930 20W WV MB WH	Polycarbonate	White RAL 9003
911401845387	ST033T G2 LED17/940 20W WV MB WH	Polycarbonate	White RAL 9003
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	Collimator with focus angle 24°	Black
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	Collimator with focus angle 24°	Black
911401844887	ST033T G2 LED8/930 10W WV MB WH	Polycarbonate	White RAL 9003
911401844987	ST033T G2 LED8/940 10W WV MB WH	Polycarbonate	White RAL 9003

Order Code	Full Product Name	Optical cover type	Housing Color
911401845887	ST033T G2 LED26/930 33W WV MB BK	Polycarbonate	Black
911401845987	ST033T G2 LED28/940 33W WV MB BK	Polycarbonate	Black
911401844687	ST033T G2 LED6/930 7W WV WB BK	Polycarbonate	Black
911401844787	ST033T G2 LED6/940 7W WV WB BK	Polycarbonate	Black
911401844487	ST033T G2 LED6/930 7W WV WB WH	Polycarbonate	White RAL 9003
911401844587	ST033T G2 LED6/940 7W WV WB WH	Polycarbonate	White RAL 9003
911401845087	ST033T G2 LED8/930 10W WV MB BK	Polycarbonate	Black
911401845187	ST033T G2 LED8/940 10W WV MB BK	Polycarbonate	Black
911401845487	ST033T G2 LED16/930 20W WV MB BK	Polycarbonate	Black
911401845587	ST033T G2 LED17/940 20W WV MB BK	Polycarbonate	Black

### Approval and Application

Order Code	Full Product Name	Ambient temperature range	Glow-wire test
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	-20 to +45 °C	-
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	-20 to +45 °C	-
911401845687	ST033T G2 LED26/930 33W WV MB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401845787	ST033T G2 LED28/940 33W WV MB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401893682	ST033T LED25/830 30W 110-240V I MB BK TW	-20 to +45 °C	-
911401845287	ST033T G2 LED16/930 20W WV MB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Ambient temperature range	Glow-wire test
911401845387	ST033T G2 LED17/940 20W WV MB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	-20 to +45 °C	-
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	-20 to +45 °C	-
911401844887	ST033T G2 LED8/930 10W WV MB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401844987	ST033T G2 LED8/940 10W WV MB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401845887	ST033T G2 LED26/930 33W WV MB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s

## Essential Smartbright Projector (Wide Voltage) Gen 2

Order Code	Full Product Name	Ambient temperature	
		range	Glow-wire test
911401845987	ST033T G2 LED28/940 33W WV MB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401844687	ST033T G2 LED6/930 7W WV WB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401844787	ST033T G2 LED6/940 7W WV WB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401844487	ST033T G2 LED6/930 7W WV WB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401844587	ST033T G2 LED6/940 7W WV WB WH	-20 °C to 45 °C	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Ambient temperature	
		range	Glow-wire test
911401845087	ST033T G2 LED8/930 10W WV MB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401845187	ST033T G2 LED8/940 10W WV MB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401845487	ST033T G2 LED16/930 20W WV MB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s
911401845587	ST033T G2 LED17/940 20W WV MB BK	-20 °C to 45 °C	Temperature 650 °C, duration 30 s

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux
			tolerance
911401893282	ST033T LED17/830 20W 110-240V I MB BK TW	(0.4338, 0.4030) SDCM <5	+/-10%
911401893382	ST033T LED17/840 20W 110-240V I MB BK TW	(0.3818, 0.3797) SDCM <5	+/-10%
911401845687	ST033T G2 LED26/930 33W WV MB WH	(0.44,0.40) SDCM<5	-0%,+20%
911401845787	ST033T G2 LED28/940 33W WV MB WH	(0.38,0.38) SDCM<5	-0%,+20%
911401893682	ST033T LED25/830 30W 110-240V I MB BK TW	(0.4338, 0.4030) SDCM <5	+/-10%
911401845287	ST033T G2 LED16/930 20W WV MB WH	(0.44,0.40) SDCM<5	-0%,+20%
911401845387	ST033T G2 LED17/940 20W WV MB WH	(0.38,0.38) SDCM<5	-0%,+20%
911401892882	ST033T LED9/830 10W 110-240V I MB BK TW	(0.4338, 0.4030) SDCM <5	+/-10%
911401892982	ST033T LED9/840 10W 110-240V I MB BK TW	(0.3818, 0.3797) SDCM <5	+/-10%
911401844887	ST033T G2 LED8/930 10W WV MB WH	(0.44,0.40) SDCM<5	-0%,+20%
911401844987	ST033T G2 LED8/940 10W WV MB WH	(0.38,0.38) SDCM<5	-0%,+20%

Order Code	Full Product Name	Initial chromaticity	Luminous flux
			tolerance
911401845887	ST033T G2 LED26/930 33W WV MB BK	(0.44,0.40) SDCM<5	-0%,+20%
911401845987	ST033T G2 LED28/940 33W WV MB BK	(0.38,0.38) SDCM<5	-0%,+20%
911401844687	ST033T G2 LED6/930 7W WV WB BK	(0.44,0.40) SDCM<5	-0%,+20%
911401844787	ST033T G2 LED6/940 7W WV WB BK	(0.38,0.38) SDCM<5	-0%,+20%
911401844487	ST033T G2 LED6/930 7W WV WB WH	(0.44,0.40) SDCM<5	-0%,+20%
911401844587	ST033T G2 LED6/940 7W WV WB WH	(0.38,0.38) SDCM<5	-0%,+20%
911401845087	ST033T G2 LED8/930 10W WV MB BK	(0.44,0.40) SDCM<5	-0%,+20%
911401845187	ST033T G2 LED8/940 10W WV MB BK	(0.38,0.38) SDCM<5	-0%,+20%
911401845487	ST033T G2 LED16/930 20W WV MB BK	(0.44,0.40) SDCM<5	-0%,+20%
911401845587	ST033T G2 LED17/940 20W WV MB BK	(0.38,0.38) SDCM<5	-0%,+20%

