# **PHILIPS** Lighting



# 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 degree beam angle 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. The product family includes 1M and 2M Track in Black and white color 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

## Essential Smartbright Projector Gen 2

#### Versions









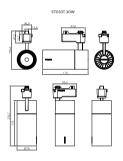
L connector White

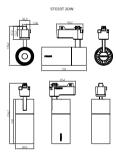
Essential SmartBright Projector 10W

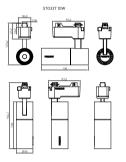
Essential SmartBright Projector 10W

I Connector White

#### Dimensional drawing







# Essential Smartbright Projector Gen 2

Light Technical			
Color rendering index (CRI)	>80		
Operating and Electrical			
Protection class IEC	Safety class I		
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Mech. impact protection code	IK03		
Ingress protection code	IP20		
Approval and Application			
Ambient temperature range	-20 to +45 °C		
CE mark	No		
Initial Performance (IEC Compliant)			
Luminous flux tolerance	+/-10%		

#### Light Technical

		Correlated Color	Luminous Efficacy	
Order Code	Full Product Name	Temperature (Nom)	(rated) (Nom)	Luminous Flux
911401805384	ST033T LED17/860 20W 220-240V	6000 K	85 lm/W	1,700 lm
	I MB BK CN			
911401858682	ST033T LED17/840 20W 220-240V	4000 K	85 lm/W	1,700 lm
	I WB BK CN			
911401859482	ST033T LED25/840 30W 220-240V	4000 K	83 lm/W	2,500 lm
	I WB BK CN			
911401805284	ST033T LED25/860 30W	6000 K	85 lm/W	2,500 lm
	220-240V I MB WH CN			
911401857882	ST033T LED8/840 10W 220-240V I	4000 K	85 lm/W	850 lm
	WB BK CN			

#### **Operating and Electrical**

Order Code	Full Product Name	Power Consumption
911401805384	ST033T LED17/860 20W 220-240V I MB BK CN	20 W
911401858682	ST033T LED17/840 20W 220-240V I WB BK CN	20 W
911401859482	ST033T LED25/840 30W 220-240V I WB BK CN	30 W

Order Code	Full Product Name	Power Consumption
911401805284	ST033T LED25/860 30W 220-240V I MB WH CN	30 W
911401857882	ST033T LED8/840 10W 220-240V I WB BK CN	10 W

#### Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Housing Color
911401805384	ST033T LED17/860 20W	Fashion proof optic	Aluminum and
	220-240V I MB BK CN	beam angle 24°	black
911401858682	ST033T LED17/840 20W	Fashion proof optic	Aluminum and
	220-240V I WB BK CN	beam angle 36°	black
911401859482	ST033T LED25/840 30W	Fashion proof optic	Aluminum and
	220-240V I WB BK CN	beam angle 36°	black

Order Code	Full Product Name	Optical cover type	Housing Color
911401805284	ST033T LED25/860 30W	Fashion proof optic	Aluminum and
	220-240V I MB WH CN	beam angle 24°	white
911401857882	ST033T LED8/840 10W	Fashion proof optic	Aluminum and
	220-240V I WB BK CN	beam angle 36°	black

#### Approval and Application

Order Code	Full Product Name	Flammability mark	Order Code	Full Product Name	Flammability mark
911401805384	ST033T LED17/860 20W 220-240V I MB BK	For mounting on normally	911401805284	ST033T LED25/860 30W 220-240V I MB	For mounting on normally
	CN	flammable surfaces		WH CN	flammable surfaces
911401858682	ST033T LED17/840 20W 220-240V I WB BK	-	911401857882	ST033T LED8/840 10W 220-240V I WB BK	-
	CN			CN	
911401859482	ST033T LED25/840 30W 220-240V I WB BK	-			
	CN				

#### Initial Performance (IEC Compliant)

## Essential Smartbright Projector Gen 2

Order Code	Full Product Name	Initial chromaticity	Order Code	Full Product Name	Initial chromaticity
911401805384	ST033T LED17/860 20W 220-240V I MB BK	(0.318, 0.333) SDCM≤5	911401805284	ST033T LED25/860 30W 220-240V I MB WH	(0.318, 0.333) SDCM≤5
	CN			CN	
911401858682	ST033T LED17/840 20W 220-240V I WB BK	(0.3811, 0.3772) SDCM <5	911401857882	ST033T LED8/840 10W 220-240V I WB BK CN	(0.3811, 0.3772) SDCM <5
	CN				
911401859482	ST033T LED25/840 30W 220-240V I WB BK	(0.3811, 0.3772) SDCM <5			
	CN				



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