



Essential Smartbright Projector Gen 2

ST033T G2 LED5/940 7W I WB BK GM

Essential Smartbright Projector Gen 2, 7 W, 640 lm, 4000 K, 36°

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.

Product data

General Information		Color rendering index (CRI)	
Number of gear units	1 unit	Color rendering index (CRI)	90
Gear	EB [Electronic]	Number of light sources	1
Driver included	Yes	Beam angle of light source	36 degree(s)
Light source engine type	LED	Light source color	940 neutral white
Value ladder	Value	Optic type	Beam angle 36° Wide beam
Light Technical		Luminaire light beam spread	36°
Luminous Flux	640 lm	Unified glare rating CEN	Not applicable
Correlated Color Temperature (Nom)	4000 K	Effective projected area	0.75 m ²
Luminous Efficacy (rated) (Nom)	90 lm/W	Operating and Electrical	
		Input Voltage	220-240 V

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Line Frequency	50 or 60 Hz
Inrush current	6.64 A
Inrush time	0.074 ms
Power Consumption	7 W
Power Factor (Fraction)	0.5
Connection	Track
Cable	-
Number of products on MCB of 16 A type B	117
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	-
Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	-
Optical cover finish	Clear
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	0.187 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 °C to 45 °C

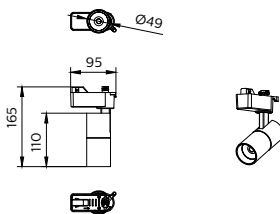
Initial Performance (IEC Compliant)

Luminous flux tolerance	-0%, +20%
Initial chromaticity	(0.38, 0.38) SDCM<5
Power consumption tolerance	+/-10%

Product Data

Order product name	ST033T G2 LED5/940 7W I WB BK GM
Full product name	ST033T G2 LED5/940 7W I WB BK GM
Full product code	872016976256599
Order code	911401831787
Material Nr. (12NC)	911401831787
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169762565
Numerator - Packs per outer box	48
EAN/UPC - Case	8720169762848

Dimensional drawing



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