



Essential Smartbright Projector Gen 2

ST033T G2 LED17/940 20W I MB WH GM

Essential Smartbright Projector Gen 2, 20 W, 850 lm, 4000 K, 24°

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.

Product data

General Information		Luminous Efficacy (rated) (Nom)	
Number of gear units	1 unit		85 lm/W
Gear	EB [Electronic]	Color rendering index (CRI)	90
Driver included	Yes	Number of light sources	1
Light source engine type	LED	Beam angle of light source	24 degree(s)
Value ladder	Value	Light source color	940 neutral white
Light Technical		Optic type	Beam angle 24° Medium beam
Luminous Flux	850 lm	Luminaire light beam spread	24°
Correlated Color Temperature (Nom)	4000 K	Unified glare rating CEN	Not applicable
		Effective projected area	0.75 m ²

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Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	13.8 A
Inrush time	0.1 ms
Power Consumption	20 W
Power Factor (Fraction)	0.5
Connection	Track
Cable	-
Number of products on MCB of 16 A type B	48
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming	
Dimmable	-
Control interface	-
Maximum dim level	Not applicable

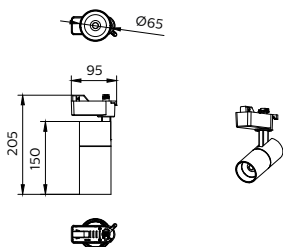
Mechanical and Housing	
Housing Material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Clear
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	0.280 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 LED17/940 20W I MB WH GM
Full product name	ST033T G2 LED17/940 20W I MB WH GM
Full product code	872016976267199
Order code	76267199
Material Nr. (12NC)	911401832887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169762671
Numerator - Packs per outer box	30
EAN/UPC - Case	8720169762954

Dimensional drawing



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