Essential Smartbright Projector Gen 2

ST033T LED8/830 10W 220-240V I MB WH GM

Essential Smartbright Projector Gen 2, 10 W, 830 warm white, Finger-protected

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.
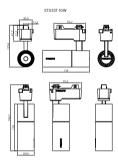
Product data

General Information

Light source engine type	LED
CE mark	–
Flammability mark	–

Light Technical

Luminous Flux	800 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>80

Light source color	830 warm white
Optical cover type	Fashion proof optic beam angle 24°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	15 A
Power Consumption	10 W
Power Factor (Fraction)	0.5

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Number of products on MCB of 16 A type B	115

Temperature

Ambient temperature range	–20 to +45 °C

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Aluminum
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Textured
Overall length	93 mm
Overall width	49 mm
Overall height	195 mm
Overall diameter	49 mm
Dimensions (Height x Width x Depth)	195 x 49 x 93 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]

Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.4316, 0.3984) SDCM <5
Power consumption tolerance	+/-10%

Product Data

Order product name	ST033T LED8/830 10W 220-240V I MB WH GM
Full product name	ST033T LED8/830 10W 220-240V I MB WH GM
Full product code	871951454411699
Order code	911401888682
Material Nr. (12NC)	911401888682
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514544116
Numerator – Packs per outer box	48
EAN/UPC – Case	8719514544390

Dimensional drawing

ST033T 10W

www.lighting.philips.com

2024, March 19 – data subject to change