



# Essential Smartbright Projector Gen 2

ST033T LED17/840 20W 220-240V I MB BK GM

Essential Smartbright Projector Gen 2, 20 W, 840 neutral 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 color              |                                    |
|------------------------------------|----------|---------------------------------|------------------------------------|
| Light source engine type           | LED      | Light source color              | 840 neutral white                  |
| CE mark                            | -        | Optical cover type              | Fashion proof optic beam angle 24° |
| Flammability mark                  | -        | <b>Operating and Electrical</b> |                                    |
| <b>Light Technical</b>             |          | Input Voltage                   | 220 to 240 V                       |
| Luminous Flux                      | 1,700 lm | Line Frequency                  | 50 or 60 Hz                        |
| Correlated Color Temperature (Nom) | 4000 K   | Inrush current                  | 15 A                               |
| Luminous Efficacy (rated) (Nom)    | 85 lm/W  | Power Consumption               | 20 W                               |
| Color rendering index (CRI)        | >80      | Power Factor (Fraction)         | 0.5                                |

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|   |                         |
|---|-------------------------|
| Number of products on MCB of 16 A type B 55 |                         |
| <b>Temperature</b>                          |                         |
| Ambient temperature range                   | -20 to +45 °C           |
| <b>Controls and Dimming</b>                 |                         |
| Dimmable                                    | No                      |
| Control interface                           | -                       |
| <b>Mechanical and Housing</b>               |                         |
| Housing Material                            | Aluminum                |
| Optical cover material                      | Polycarbonate           |
| Housing Color                               | Black                   |
| Optical cover finish                        | Textured                |
| Overall length                              | 93 mm                   |
| Overall width                               | 65 mm                   |
| Overall height                              | 215 mm                  |
| Overall diameter                            | 65 mm                   |
| Dimensions (Height x Width x Depth)         | 215 x 65 x 93 mm        |
| <b>Approval and Application</b>             |                         |
| Ingress protection code                     | IP20 [Finger-protected] |

|  |  |
|--|--|
| Mech. impact protection code               | IK03 [0.3 J]                             |
| Protection class IEC                       | Safety class I                           |
| <b>Initial Performance (IEC Compliant)</b> |  |
| Luminous flux tolerance                    | +/-10%                                   |
| Initial chromaticity                       | (0.3811, 0.3772) SDCM <5                 |
| Power consumption tolerance                | +/-10%                                   |
| <b>Product Data</b>                        |  |
| Order product name                         | ST033T LED17/840 20W 220-240V I MB BK GM |
| Full product name                          | ST033T LED17/840 20W 220-240V I MB BK GM |
| Full product code                          | 871951454425399                          |
| Order code                                 | 911401890082                             |
| Material Nr. (12NC)                        | 911401890082                             |
| Numerator - Quantity Per Pack              | 1  |
| EAN/UPC - Product/Case                     | 8719514544253                            |
| Numerator - Packs per outer box            | 30                                       |
| EAN/UPC - Case                             | 8719514544536                            |

## Dimensional drawing

