



# 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 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.

### 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

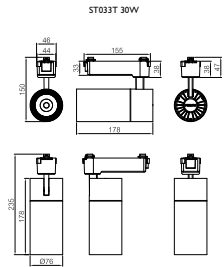
# Essential Smartbright Projector Gen 2

## Versions



Essential SmartBright Projector 30W

## Dimensional drawing



# Essential Smartbright Projector Gen 2

## General Information

|                   |   |
|-------------------|---|
| CE mark           | - |
| Flammability mark | - |

## Light Technical

|                             |                                   |
|-----------------------------|-----------------------------------|
| Optical cover type          | Polycarbonate<br>micro lens optic |
| Color rendering index (CRI) | >80                               |

## Operating and Electrical

|                   |              |
|-------------------|--------------|
| Input Voltage     | 110 to 240 V |
| Line Frequency    | 50 or 60 Hz  |
| Power Consumption | 30 W         |

## Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
|---------------------------|---------------|

## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Approval and Application

|                              |                 |
|------------------------------|-----------------|
| Protection class IEC         | Safety class II |
| Mech. impact protection code | IK03            |
| Ingress protection code      | IP20            |

## Initial Performance (IEC Compliant)

|                         |        |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

## Light Technical

| Order Code   | Full Product Name                           | Correlated Color  | Luminous Efficacy | Luminous Flux |
|--------------|---|-------------------|-------------------|---------------|
|              |   | Temperature (Nom) | (rated) (Nom)     |               |
| 911401826784 | ST033T LED25/830 30W 110-240V<br>I WB WH KC | 3000 K            | 80 lm/W           | 2,400 lm      |
| 911401826884 | ST033T LED25/840 30W 110-240V<br>I WB WH KC | 4000 K            | 85 lm/W           | 2,500 lm      |
| 911401826984 | ST033T LED25/830 30W 110-240V<br>I WB BK KC | 3000 K            | 80 lm/W           | 2,400 lm      |
| 911401827084 | ST033T LED25/840 30W 110-240V<br>I WB BK KC | 4000 K            | 85 lm/W           | 2,500 lm      |

## Mechanical and Housing

| Order Code   | Full Product Name                        | Housing Color |
|--------------|--|---------------|
| 911401826784 | ST033T LED25/830 30W 110-240V I WB WH KC | White         |
| 911401826884 | ST033T LED25/840 30W 110-240V I WB WH KC | White         |

| Order Code   | Full Product Name                        | Housing Color |
|--------------|--|---------------|
| 911401826984 | ST033T LED25/830 30W 110-240V I WB BK KC | Black         |
| 911401827084 | ST033T LED25/840 30W 110-240V I WB BK KC | Black         |

## Initial Performance (IEC Compliant)

| Order Code   | Full Product Name                        | Initial chromaticity |
|--------------|--|----------------------|
| 911401826784 | ST033T LED25/830 30W 110-240V I WB WH KC | (0.43, 0.40) SDCM <5 |
| 911401826884 | ST033T LED25/840 30W 110-240V I WB WH KC | (0.38, 0.38) SDCM <5 |

| Order Code   | Full Product Name                        | Initial chromaticity |
|--------------|--|----------------------|
| 911401826984 | ST033T LED25/830 30W 110-240V I WB BK KC | (0.43, 0.40) SDCM <5 |
| 911401827084 | ST033T LED25/840 30W 110-240V I WB BK KC | (0.38, 0.38) SDCM <5 |

