



# StyliD PerfectBeam

## ST741T LED5S/930 PSR 7-43 BK

LED Module, system flux 500 lm, 930 warm white, Power supply unit regulating, Black

StyliD PerfectBeam has been developed specifically for museum applications. It strikes the perfect balance between presenting art and preserving it, between ever-changing exhibitions and the need for low maintenance and energy efficiency. The often conflicting demands for good visibility and conservation are now being met with LED lighting that emits no harmful UV or IR radiation. StyliD PerfectBeam presents works of art in their true colors, subtly attracting the viewer's eye, making it easy to see, interpret and appreciate masterpieces down to the smallest detail. It enables you to use light to evoke emotions and create an unforgettable museum experience. Its modular design, variable beam, beam shaping accessories and onboard dimming ensure maximum flexibility to cope with changing exhibitions and lighting needs, now and in the future.

### Product data

| General Information      |   | Lighting Technology                |         |
|--------------------------|---|------------------------------------|---------|
| Lamp family code         | LED5S [LED Module, system flux 500 lm]  | CE mark                            | Yes     |
| Light source replaceable | No  | Warranty period                    | 5 years |
| Number of gear units     | 1 unit  | Flammability mark                  | -       |
| Driver included          | Yes   | ENEC mark                          | -       |
| Remarks                  | * -Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | EU RoHS compliant                  | No      |
| Light source engine type |   | Light Technical                    |         |
| LED                      |   | Luminous Flux                      | 684 lm  |
|                          |   | Standard tilt angle posttop        | -       |
|                          |   | Standard tilt angle side entry     | -       |
|                          |   | Correlated Color Temperature (Nom) | 3000 K  |

## StyliD PerfectBeam

|                                 |                                    |
|---------------------------------|------------------------------------|
| Luminous Efficacy (rated) (Nom) | 32 lm/W                            |
| Color rendering index (CRI)     | 90                                 |
| Light source color              | 930 warm white                     |
| Optical cover type              | Polymethyl methacrylate bowl/cover |
| Luminaire light beam spread     | -                                  |
| Optic type outdoor              | -                                  |

### Operating and Electrical

|  |             |
|--|-------------|
| Input Voltage                            | 220/240 V   |
| Line Frequency                           | 50 to 60 Hz |
| Initial CLO power consumption            | - W         |
| Average CLO power consumption            | - W         |
| End CLO power consumption                | - W         |
| Power Consumption                        | 21 W        |
| Connection                               | -           |
| Cable                                    | -           |
| Number of products on MCB of 16 A type B | -           |

### Temperature

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 0 to +35 °C |
|---------------------------|-------------|

### Controls and Dimming

|                               |                              |
|-------------------------------|------------------------------|
| Dimmable                      | Yes                          |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface             | -                            |
| Constant light output         | No                           |

### Mechanical and Housing

|                        |                         |
|------------------------|-------------------------|
| Housing Material       | Aluminum                |
| Reflector material     | -                       |
| Optic material         | Glass                   |
| Optical cover material | Polymethyl methacrylate |
| Fixation material      | -                       |
| Housing Color          | Black                   |
| Mounting device        | -                       |

|                                     |                   |
|-------------------------------------|-------------------|
| Optical cover shape                 | -                 |
| Optical cover finish                | -                 |
| Overall length                      | 258 mm            |
| Overall width                       | 91 mm             |
| Overall height                      | 248 mm            |
| Overall diameter                    | 91 mm             |
| Dimensions (Height x Width x Depth) | 248 x 91 x 258 mm |

### Approval and Application

|  |                         |
|--|-------------------------|
| Ingress protection code                | IP20 [Finger-protected] |
| Mech. impact protection code           | IK02 [0.2 J standard]   |
| Surge Protection (Common/Differential) | -                       |
| Protection class IEC                   | Safety class II         |

### Initial Performance (IEC Compliant)

|                             |       |
|-----------------------------|-------|
| Luminous flux tolerance     | +/-1% |
| Initial chromaticity        | -     |
| Power consumption tolerance | +/-2% |

### Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | 10%            |
| Suitable for random switching      | Not applicable |

### Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Order product name              | ST741T LED5S/930 PSR 7-43 BK |
| Full product name               | ST741T LED5S/930 PSR 7-43 BK |
| Full product code               | 871829129778900              |
| Order code                      | 910504801184                 |
| Material Nr. (12NC)             | 910504801184                 |
| Numerator - Quantity Per Pack   | 1                            |
| Numerator - Packs per outer box | 1                            |

