



# TrueFashion

## ST715T LED20S/PW930 PSU FPO12 BK

TrueFashion2 Compact, PremiumWhite with CRI  $\geq 90$ , and color temperature 3000K, 3000 K, Power supply unit (On/Off), Beam angle 12°, Black

TrueFashion is the LED projector family answering miniaturization and presentation needs of specialized retailers. Firstly, these miniaturized spots with clean and fine detailing offer contemporary design and blend seamlessly into your store interior for a tailor-made look. Secondly, it provides high quality accentuation effect thanks to its innovative OptiAccent lens technology (FPO), which provides higher central intensity beam without spill light to maximize the contrast ratio hence optimize the accent effect. Especially in challenging narrow spot (12D) and spot (18D) applications, the difference of OptiAccent to Chip on Board and reflector optics is like day and night. OptiAccent also reduces direct glare by a factor of 5 to enable superior visual comfort. Lastly, TrueFashion also has the light spectra taken care of: the specially designed Philips LED flavors enhance colors (saturation) and whites, while offering high degree of fidelity ( $> \text{CRI}90$ ). This is how TrueFashion ensures a superior light experience in your retail applications.

### Warnings and Safety

- The luminaire should be mounted outside of arm's reach
- The luminaire should be installed and disassembled by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements

### Product data

| General Information      |        |                     |                               |
|--------------------------|--------|---------------------|-------------------------------|
| Cap-Base                 | - [-]  | Gear                | -                             |
| Light source replaceable | No     | Driver included     | Yes                           |
| Number of gear units     | 1 unit | Service tag         | Yes                           |
|                          |        | Product family code | ST715T [TrueFashion2 Compact] |

|                     |                                   |
|---------------------|-----------------------------------|
| Lighting Technology | LED                               |
| Value ladder        | Specification                     |
| CE mark             | Yes                               |
| Warranty period     | 5 years                           |
| Flammability mark   | -                                 |
| ENEC mark           | ENEC mark                         |
| Glow-wire test      | Temperature 650 °C, duration 30 s |
| EU RoHS compliant   | Yes                               |

## Light Technical

|                                    |  |
|------------------------------------|--|
| Luminous Flux                      | 2,000 lm   |
| Correlated Color Temperature (Nom) | 3000 K   |
| Luminous Efficacy (rated) (Nom)    | 78 lm/W  |
| Color rendering index (CRI)        | 90   |
| Beam angle of light source         | 120 degree(s)  |
| Light source color                 | PremiumWhite with CRI ≥90, and color temperature 3000K |
| Optic type                         | Beam angle 12°   |
| Optical cover type                 | Structured bowl/cover                                  |
| Luminaire light beam spread        | 12°  |
| Unified glare rating CEN           | Not applicable   |

## Operating and Electrical

|  |              |
|--|--------------|
| Input Voltage                            | 220 to 240 V |
| Line Frequency                           | 50 to 60 Hz  |
| Initial CLO power consumption            | - W          |
| Average CLO power consumption            | - W W W      |
| Inrush current                           | 18 A         |
| Inrush time                              | 0.25 ms      |
| Power Consumption                        | 28 W         |
| Power Factor (Fraction)                  | 0.9          |
| Connection                               | -            |
| Cable                                    | -            |
| Number of products on MCB of 16 A type B | 34           |

## Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +35 °C |
|---------------------------|---------------|

## Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | No                         |

## Mechanical and Housing

|                  |          |
|------------------|----------|
| Housing Material | Aluminum |
|------------------|----------|

|                                     |                         |
|-------------------------------------|-------------------------|
| Reflector material                  | -                       |
| Optic material                      | Polycarbonate           |
| Optical cover material              | Polymethyl methacrylate |
| Fixation material                   | -                       |
| Housing Color                       | Black                   |
| Optical cover finish                | Textured                |
| Overall length                      | 135 mm                  |
| Overall width                       | 80 mm                   |
| Overall height                      | 211 mm                  |
| Overall diameter                    | 80 mm                   |
| Dimensions (Height x Width x Depth) | 211 x 80 x 135 mm       |

## Approval and Application

|                              |                         |
|------------------------------|-------------------------|
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |
| Protection class IEC         | Safety class II         |

## Initial Performance (IEC Compliant)

|                             |                |
|-----------------------------|----------------|
| Luminous flux tolerance     | +/-10%         |
| Initial chromaticity        | (0.422, 0.386) |
| Power consumption tolerance | +/-10%         |

## Over Time Performance (IEC Compliant)

|   |       |
|---|-------|
| Driver failure rate at 5000 h                           | 0.1 % |
| Control gear failure rate at median useful life 50000 h | 5 %   |
| Lumen maintenance at median useful life* 50000 h        | L80   |

## Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Suitable for random switching      | Not applicable |

## Product Data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Order product name              | ST715T LED20S/PW930 PSU FPO12 BK |
| Full product name               | ST715T LED20S/PW930 PSU FPO12 BK |
| Full product code               | 871869941271500                  |
| Order code                      | 910500465729                     |
| Material Nr. (12NC)             | 910500465729                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8718699412715                    |
| Numerator - Packs per outer box | 1                                |
| EAN/UPC - Case                  | 8718699412715                    |

Dimensional drawing

