



StyliD

ST740S LED27S/930 PSD-VLC WB BK LIN

StyliD Comp. Maxos fusion, 930 warm white, Power supply unit with DALI interface, Wide beam, Black

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, StyliD is the ideal energy-efficient solution for today's demanding retail environments, covering a variety of lighting applications, with including CrispWhite for fashion stores and Food recipes for supermarkets. StyliD family features full passive cooling for the complete range that allows faster payback in the Performance size as well.

Product data

| General Information | | Warranty period | |
|--------------------------|--|------------------------------------|---|
| Light source replaceable | No | Flammability mark | For mounting on normally flammable surfaces |
| Number of gear units | 1 unit | ENEC mark | ENEC mark |
| Driver included | Yes | Glow-wire test | Temperature 650 °C, duration 30 s |
| 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 | Yes |
| Light Technical | | | |
| Product family code | ST740S [StyliD Comp. Maxos fusion] | Luminous Flux | 2,700 lm |
| Lighting Technology | LED | Correlated Color Temperature (Nom) | 3000 K |
| CE mark | Yes | Luminous Efficacy (rated) (Nom) | 105.88235294117646 lm/W |
| | | Color rendering index (CRI) | ≥90 |
| | | Beam angle of light source | 120 degree(s) |
| | | Light source color | 930 warm white |

| | |
|-----------------------------|----------------|
| Optic type | Wide beam |
| Luminaire light beam spread | 34° |
| Unified glare rating CEN | Not applicable |

Operating and Electrical

| | |
|--|-----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 20.4 A |
| Inrush time | 0.195 ms |
| Power Consumption | 25.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

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

Mechanical and Housing

| | |
|------------------------|-------------------------------|
| Housing Material | Metal–Plastic |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover material | Polymethyl methacrylate |
| Fixation material | - |
| Housing Color | Black |
| Optical cover finish | Clear |
| Overall length | 172 mm |
| Overall width | 84 mm |
| Overall height | 184 mm |

| | |
|-------------------------------------|-------------------|
| Dimensions (Height x Width x Depth) | 184 x 84 x 172 mm |
|-------------------------------------|-------------------|

Approval and Application

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|------------------------------|-------------------------|
| 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)

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|-----------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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

Application Conditions

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|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|-------------------------------------|
| Order product name | ST740S LED27S/930 PSD-VLC WB BK LIN |
| Full product name | ST740S LED27S/930 PSD-VLC WB BK LIN |
| Full product code | 871869917813000 |
| Order code | 910500465023 |
| Material Nr. (12NC) | 910500465023 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699178130 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699178130 |

Dimensional drawing



