



StyliD

ST740S LED27S/CRW PSD-VLC WB BK

StyliD Comp. Maxos fusion, Crisp 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.

Product data

| General Information | | Warranty period | |
|--------------------------|--|----------------------------------|---|
| Light source replaceable | No | Flammability mark | For mounting on normally flammable surfaces |
| Number of gear units | Unit | ENEC mark | ENEC mark |
| Driver included | Yes | Glow-wire test | Temperature 650 °C, duration 5 s |
| Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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 Colour Temperature | 3000 K |
| CE mark | Yes | Luminous efficacy (rated) (nom.) | 67.5 lm/W |
| | | Colour rendering index (CRI) | ≥95 |
| | | Beam angle of light source | 120 degree(s) |
| | | Light source colour | Crisp 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 | 40 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 | Aluminium and polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | - |
| Housing Colour | Black |
| Optical cover/lens 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

| | |
|------------------------------|-------------------------|
| 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 | (0.43, 0.39) SDCM <3 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h | L80 |

Application Conditions

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

Product Data

| | |
|-----------------------------------|---------------------------------|
| Order product name | ST740S LED27S/CRW PSD-VLC WB BK |
| Full product name | ST740S LED27S/CRW PSD-VLC WB BK |
| Full EOC | 871869917815400 |
| Order code | 17815400 |
| Material no. (12 NC) | 910500465025 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718699178154 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718699178154 |

Dimensional drawing



