PHILIPS Lighting



StyliD

ST730T LED12S/830 PSD-VLC WB BK

STYLID MINI G3 TRACK, LED module, system flux 1200 lm, 830 warm white, Power supply unit with DALI interface, DCcompatible for central emergency lighting (integrated), 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.

between the B50 and, for example, the B10.

Product data

| General Information | |
|--------------------------|--|
| Lamp family code | LED12S [LED module, system flux 1200 lm] |
| Cap base | - [-] |
| Light source replaceable | No |
| Number of gear units | Unit |
| Gear | - |
| Driver included | Yes |
| 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 |

| | Therefore, the median useful life (B50) value |
|---------------------|---|
| | also represents the B10 value. |
| Product family code | ST730T [STYLID MINI G3 TRACK] |
| Lighting Technology | LED |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| EU RoHS compliant | Yes |
| | |

StyliD

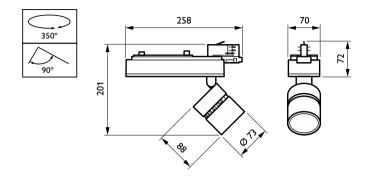
| Light Technical | |
|-----------------------------------|-----------------------------------|
| Luminous Flux | 1,200 lm |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 114.28571428571429 lm/W |
| Colour rendering index (CRI) | ≥80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 830 warm white |
| Optic type | Wide beam |
| Optical cover type | - |
| Luminaire light beam spread | 36° |
| | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 16 A |
| Inrush time | 0.22 ms |
| Power Consumption | 10.2 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A | 24 |
| type B | |
| | |
| Temperature | |
| Ambient temperature range | +10 to +40 °C |
| | |
| Controls and Dimming | |

| Controls and Dimming | |
|-------------------------------|--|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface, DC- |
| | compatible for central emergency lighting |
| | (integrated) |
| 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 | 279 mm |
| Overall width | 73 mm |
| Overall height | 171 mm |
| Dimensions (height x width x depth) | 171 x 73 x 279 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 Complian | t) |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Over Time Performance (IEC Comp | oliant) |
| Control gear failure rate at median | 5 % |
| useful life 50,000 h | |
| Lumen maintenance at median useful | L80 |
| life* 50,000 h | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | Yes |
| Product Data | |
| Order product name | ST730T LED12S/830 PSD-VLC WB BK |
| Full product name | ST730T LED12S/830 PSD-VLC WB BK |
| Full EOC | 871869684825800 |
| Order code | |
| | 84825800 |
| Material no. (12 NC) | 84825800 910500457348 |
| Material no. (12 NC) SAP numerator – quantity per pack | |
| | 910500457348 |
| SAP numerator - quantity per pack | 910500457348 1 |

StyliD

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change