

LUMAWISE DRIVE LED HOLDER TYPE Z50

TE Connectivity (TE)'s LUMAWISE drive LED Holder Type Z50 allows luminaire designers to remove driver boxes from spot and track lighting, creating a more aesthetically pleasing solution and removing cost from the system. The LUMAWISE drive Type Z50 brings integrated functionality to TE's already successful, Zhaga inspired, Z50 range of LED holders. Incorporating a DC/DC driver into the holder itself provides a low profile constant current driver for CoBs, spot and track lighting. Designed for 48VDC input, it works with a wide range of readily available constant voltage power supplies meaning powering multiple fixtures off a single power supply is now possible. A 0-10V dimming option adds dimmability to the holder for added functionality.



Applications

- Track Lighting
- Spot Lighting
- Downlights

Mechanical

- Dimensions: 24x24, 20x24, 19x19, 18x18
- Electrical connection: 2-pin, 4-pin
- Mechanical connection: Zhaga Book 12
- Torque: 0.4 - 0.6 Nm
- LED Outline and LED size: 24x24, Ø21.5mm; 20x24, Ø19.0mm; 19x19, Ø17.7mm; 18x18, Ø14.0mm
- Form Factor: Zhaga Book 12 Inspired
- CoB thickness: Nominal 1mm
- CoB types: Both ceramic or aluminium types
- IP rating: IP20
- Mounting connector flush with housing: Yes
- Mounting Cable Assembly: On/Off version: 1-2058943-8; 0-10V version: 1-2058943-7

Specifications

- Standards: EN60838-2-2; EN60347-2-13; UL8754; UL8750
- Application Specification: 194-123082
- Environmental: RoHS and Reach compliant

Benefits

- Achieve design flexibility through a Driver on Board solution
- Offer a wide range of current outputs through 4 different electrical connection points
- Offer a wide range of LED sizes through 4 different CoB sizes: 20x24mm, 19x19mm, 18x18mm, 24x24mm
- Achieve design flexibility with an LED holder available with four different current outputs:
 - 350mA
 - 500mA
 - 700mA
 - 1050mA
- Obtain added functionality with 0-10V dimming versions available

Materials

- Halogen free glass filled PBT housing
- FR4 circuit board
- Copper alloy electrical contacts

This document is obsolete,
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LUMAWISE LED holders,
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