

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, 16x16
- Electrical connection: 4 pins (2x2 connection) 280728-4
- Mechanical connection: 4 pins (2x2 connection) 280728-4
- Torque: 0.4 - 0.6 Nm
- LED Outline and LED size: 24x24, Ø21.5mm
20x24, Ø19.0mm
19x19, Ø17.7mm
16x16, Ø14.0mm
- Form Factor: Zhaga Book 12 Inspired
- CoB thickness: Nominal 1mm
- CoB types: Both ceramic or aluminium types
- IP rating: IP20
- Mating connector flush with housing: Yes
- Mating 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: 794-133062
- Environmental: RoHS and Reach compliant

Benefits

- 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
- Achieve design flexibility with an LED holder design through a 'Driver on Board' solution
- Achieve design flexibility with an LED holder available with four different elements of Zhaga Book 12
- Achieve design flexibility with an LED holder available with four different electrical connection to four different CoB sizes:
 - 20x24mm
 - 19x19mm
 - 24x24mm

Materials

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

This document is obsolete,
for more information on our
LUMAWISE LED holders,
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