

INTRODUCING LUMAWISE DRIVE LED HOLDER TYPE Z50 DALI-2

- Achieve an elegant luminaire design through a 'Driver on Board' solution
- Designed to meet the requirements of Zhaga book 12

TE Connectivity's (TE) LUMAWISE drive LED holder type Z50 DALI-2 (Digital Addressable Lighting Interface) allows luminaire designers to remove driver boxes from spot and track lighting, creating a more aesthetically pleasing lighting solution. LUMAWISE drive LED holders bring integrated functionality to TE's already successful Zhaga inspired, range of LED holders. Driver on board design incorporates DC/DC driver functionality into the LED holder providing a low profile constant current driver well suited for COBs used in spot and track lighting applications. Designed for 48VDC input, LUMAWISE drive LED holders work with a wide range of readily available constant voltage power supplies meaning powering multiple fixtures off a single power supply is now possible. The LUMAWISE drive LED holder Type Z50 DALI-2 can be controlled with the DALI protocol. DALI lamp fixtures are intelligent, dimmable and can be controlled, monitored and maintained using a two-wire global IEC 62386 open standards communication protocol. Design DALI control into your fixture today.



KEY BENEFITS

- Provide thermal and electrical connection to four different CoB sizes:
 - 16x19mm
 - 19x19mm
 - 20x24mm
 - 24x24mm
- Achieve design flexibility with an LED holder available with four different current outputs:
 - 350mA
 - 500mA
 - 700mA
 - 1050mA
- Obtain added functionality with DALI control

APPLICATIONS

- Track Lighting
- Spot Lighting
- Downlights

MATERIALS

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

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[LUMAWISE Drive DALI Product Flyer](#)

[LUMAWISE Drive DALI Parts List](#)

MECHANICAL

- Dimensions: Ø50mm, 7mm height
- Electrical connection: 4-pin Mini CT connector 292228-4, mating connector flush with housing
- Mechanical connection: Mounting screws M3 or #4-4
- Torque: 0.4 - 0.6 Nm
- LED Outline and LES size: 24x24, Ø21.5mm
20x24, Ø18.0mm, 19x19, Ø17.7mm, 16x19, Ø14.0mm
- Form factor: Zhaga Book 12 Inspired
- CoB thickness: Nominal 1mm
- CoB types: Both ceramic or aluminium types
- IP rating: IP20
- Mating cable assembly: DALI version: 1-2058943-7

STANDARDS & SPECIFICATIONS

- Standards: EN60838-2-2
EN61347-2-13
UL8754
UL8750
IEC 61547
IEC 62386:101
IEC 62386:102
IEC 62386:207
- Product specification: 108-133109
- Application specification: 114-133109
- Environmental: RoHS and Reach compliant