

**DESCRIPTION**

The Corelite Z3 recessed luminaire meets the demands of the new energy culture with superior lighting and energy performance. Its engineered optical system delivers luminaire efficiencies greater than 85% while maintaining a soft luminous glow for high visual comfort. Its unique light distribution fills the volume of space to ensure that vertical surfaces glow to create the perception of spaciousness. To further realize the design potential of the Z3 series, it is available with a complete palette of shielding options, and lamp options, including T5,T8,LED and compact fluorescent, and maintains the series dedication to shallow plenum applications with a minimal 3-3/4 inch deep housing.

|                    |  |             |
|--------------------|--|-------------|
| <b>Catalog #</b>   |  | <b>Type</b> |
| <b>Project</b>     |  |             |
| <b>Comments</b>    |  | <b>Date</b> |
| <b>Prepared by</b> |  |             |

**SPECIFICATION FEATURES**

**A ... Construction**

Low profile housing constructed of die-formed 20 gauge cold rolled steel with integral 20 gauge gear tray.

**B ... Reflectors**

Precision tooled, high reflectance sheet metal, which allows for easy access to ballast compartment.

**C ... Shielding**

Center shielding consists of UV-stable co-extruded external acrylic lens with internal high light transmission Nano-Prismatic inlay material. The Nano-Prismatic film mitigates lamp image brightness with organized microscopic acrylic particles. Lens is secured to housing via injection molded inserts for easy lamp access.

**D ... Electrical**

T5/T5HO fixtures use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

**E ... Finish**

Fixture housings are high reflectance white using electrostatically applied polyester powder coat paint.

**Mounting**

Standard flange design works with most lay-in ceiling types. Integral pryout tabs secure luminaire to ceiling grid from above. Fixture offers tie-in locations for tie-wire on all corners, consult local code for appropriate tie-wire recommendations.

**NOTE: Concealed Ceiling**

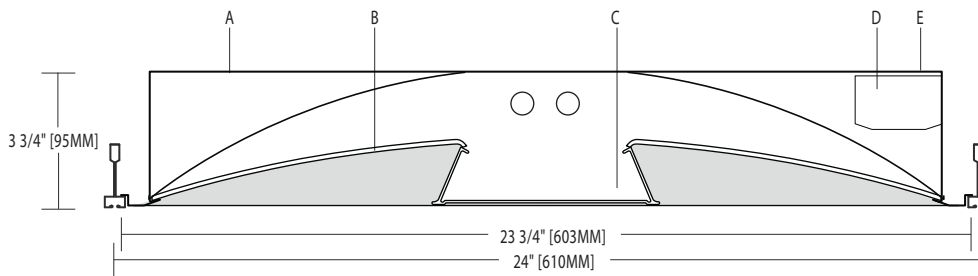
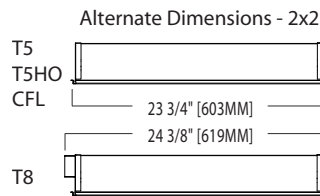
Class R may be installed into inaccessible ceilings (sheet rock, wood panel, etc.). This is achieved with the Metalux DFW series drywall frame-in kit, ordered separately from Metalux. Specify "CC" for the Corelite Ceiling Type. Specify the following part numbers separately, from Metalux: For 2x2, order Metalux part # DF-22W-U



**CLASS Z3**  
Nano Prism Lens

2T5  
2T5HO

**2'x2' Recessed**  
3-3/4" Depth



**ORDERING INFORMATION**

Sample Number: Z3-WN-2T5-1C-UNV-22-T1

|                               |  |  |   |  |  |   |
|-------------------------------|--|--|---|--|--|---|
| <b>Series</b><br>Z3: Class Z3 | <b>Shielding</b><br>N: Nano Prism Lens | <b>Lamp Type</b><br>N5: T5 Normal Output<br>T5: T5 High Output | <b>Wiring</b> <sup>1</sup><br>B: Battery Pack<br>C: Standard Circuit<br>D: Dimming / Step Dimming<br>E: Emergency<br>T: Nightlight<br>Y: Daylight | <b>Voltage</b> <sup>1</sup><br>120: 120V<br>277: 277V<br>347: 347V<br>UNV: Universal (120V-277V) | <b>Ceiling Type</b><br>T1: 1" Grid, Slot-Grid, 9/16" Tegular<br>T9: 9/16" Grid<br>CC: Concealed Ceiling<br>SU: Surface Mount | <b>Options</b> <sup>1</sup><br>AR: Air Return<br>CP: Chicago Plenum<br>SD: Step Dimming<br>W6: 6' Whip Flex<br>W12: 12' Whip Flex |
| <b>Reflector</b><br>W: White  | <b>Number of Lamps</b><br>2: 2 Lamps   | <b>Number of Circuits</b><br>1: 1 Circuit<br>2: 2 Circuits     |   | <b>Size</b><br>22: 2' x 2'   |  |   |

Notes: 1 Not all options available. Please consult your Cooper Lighting Representative for availability.