

**DESCRIPTION**

The Class R2 Series by Corelite offers a shallow recessed design, ideal for plenum-restricted applications and low-ceiling environments. The Class R2 Series has been optically engineered to provide low-brightness ambient illumination and to accommodate a variety of innovative shielding options, including a unique linear prismatic frosted lens, bladed micro baffle, and two styles of perforated overlays. The dedicated T5 design of the Class R2 Series offers superior lumens per watt when compared with traditional 3T8 or twin tube luminaires.

Catalog #	Type	
Project		
Comments	Date	
Prepared by		

**SPECIFICATION FEATURES**
**A ... Construction**

Low profile housing die-formed 20 gauge cold rolled steel with integral one-piece 20 gauge gear tray. Optional welded and gasketed construction available for NY and Chicago Plenum applications. Air Return also available.

**B ... Reflectors**

High reflectance white powder coat painted reflector system.

**C ... Shielding**

Linear prismatic co-extruded acrylic lens with fully frosted center and clear/frost blended lens returns. Lens is designed to provide low glare ambient illumination while creating evenly luminous side reflectors. Lens secured to housing via injection molded inserts for easy lamp access.

**D ... Electrical**

T5/T5HO fixtures are pre-wired with quick wire connectors and 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 standard 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 1x4, order Metalux part #

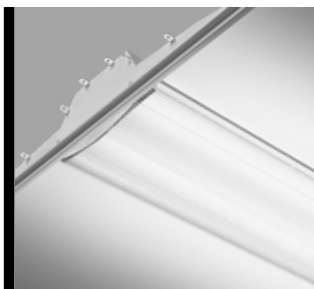
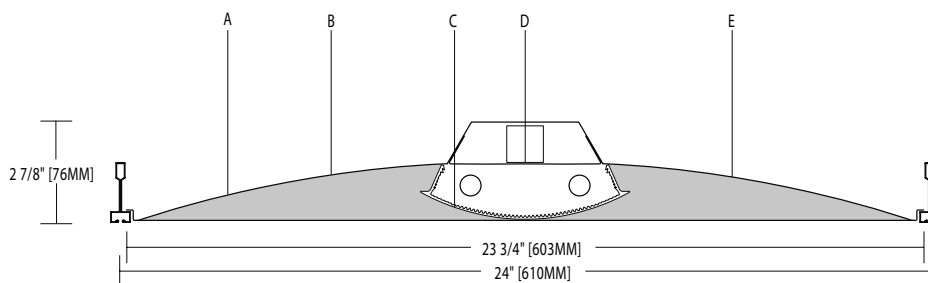
DF-14W-U

For 2x2, order Metalux part #

DF-22W-U

For 2x4, order Metalux part #

DF-24W-U


**CLASS R2**  
**Lensed**
**2T5**
**2T5HO**
**2'x2' Shallow Recessed**
**2-7/8" Depth**
**Fixture Efficiency: 84.2%**

**ORDERING INFORMATION**

Sample Number: R2-WL-2T5-1C-UNV-22-T1

<b>Series</b> <b>R2:</b> Class R2	<b>Shielding</b> <b>L:</b> Lens	<b>Lamp Type</b> <b>N5:</b> T5 Normal Output <b>T5:</b> T5 High Output	<b>Wiring</b> <sup>1</sup> <b>B:</b> Battery Pack <b>C:</b> Standard Circuit <b>D:</b> Dimming / Step Dimming <b>E:</b> Emergency <b>T:</b> Nightlight <b>Y:</b> Daylight	<b>Voltage</b> <sup>1</sup> <b>120:</b> 120V <b>277:</b> 277V <b>347:</b> 347V <b>UNV:</b> Universal (120V-277V)	<b>Ceiling Type</b> <b>T1:</b> 1" Grid, Slot-Grid, 9/16" Tegular <b>T9:</b> 9/16" Grid <b>CC:</b> Concealed Ceiling	<b>Options</b> <sup>1</sup> <b>AR:</b> Air Return <b>CP:</b> Chicago Plenum <b>NY:</b> New York City Construction <b>AM:</b> Anti-Microbial Coating <b>LG:</b> Lens Gasketing <b>W6:</b> 6' Whip Flex <b>W12:</b> 12' Whip Flex
<b>Reflector</b> <b>W:</b> White	<b>Number of Lamps</b> <b>2:</b> 2 Lamps	<b>Number of Circuits</b> <sup>1</sup> <b>1:</b> 1 Circuit		<b>Size</b> <b>22:</b> 2' x 2'		

Notes: <sup>1</sup> Not all options available. Please consult your Cooper Lighting Representative for availability. Specifications and dimensions subject to change without notice.