DESCRIPTION

The Corelite R3 LED combines the internally developed Linear LED platform from Cooper Lighting with the high sense of style and superior brightness management that characterizes the CoreLite Class R family. The proprietary LED platform delivers a soft, diffuse volume of pure white light that carries the general character of a fluorescent source while simultaneously eliminating unsightly socket shadows and the hassle of luminaire maintenance. A guaranteed system life of 50,000 hrs combined with exceptional efficacy make the R3 LED the ultimate solution to satisfy the most stringent energy requirements with an ultra-light carbon footprint.

Catalog #		**Type**	
Project			
Comments		**Date**	
Prepared by			

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SPECIFICATION FEATURES

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

B ... Reflector
Precision tooled, high reflectance sheet metal which allows for easy access to ballast compartment from below ceiling plenum.

C ... Shielding
High light transmission frosted prismatic acrylic lens with UV inhibitors minimizes lamp image and ensures efficient light distribution. Lenses secured to housing via injection molded inserts for easy lamp access.

D ... Electrical
Fixture equipped with proprietary Cooper LED modules available in 3000, 3500 or 4000k with a CRI plus or minus 85. Removable module features aluminum extrusion providing exceptional thermal management. Modules are driven using universal voltage switch mode LED drivers. Fixture and modules certified to UL and CUL standards. A 0 to 10V dimming control is available (standard).
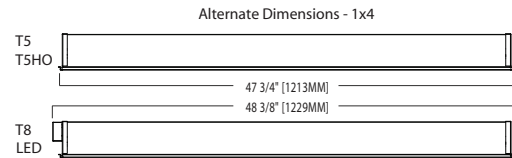
E ... Finish
Fixture housings are high reflectance white using electrostatically applied polyester powder coat paint.
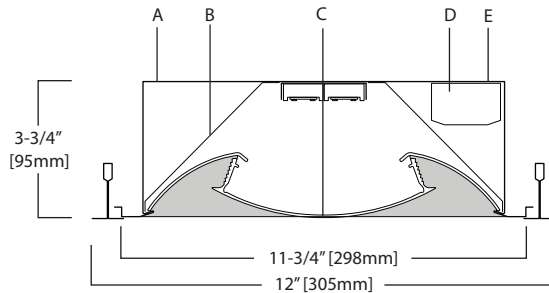
Mounting
Standard flange design works with most lay in ceiling types. Integral pryout tabs secure luminaire to ceiling grid from above. Fixture offers tie in locations for tie wire on all corners, consult local code for appropriate tie wire recommendations.

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 1x2, order Metalux part DF-12W-U.

CLASS R3
Linear Prismatic Lens

LED

1'x4' Recessed
3-3/4" Depth

Alternate Dimensions - 1x4

T5 / T5HO
47 3/4" [1213MM]
48 3/8" [1229MM]

T8 / LED

1x4 Class R and RZ LED Light Level Output			
Light Level	Wattage	Lumens (delivered)	Efficacy (LPW)
2	91W	6625	72.5

A B C D E

3-3/4" [95mm]

11-3/4" [298mm]
12" [305mm]

ORDERING INFORMATION

Sample Number: R3-WL-1L30-1C-UNV-14-T1

Series
R3 = Class R3

Reflector
W = White

Shielding
L = Linear Prismatic Lens

Light Level
1 = Light Level 1
2 = Light Level 2

Color Temperature
L30 = LED 3000K
L35 = LED 3500K
L40 = LED 4000K

Number of Circuits
1 = 1 Circuit

Wiring [1]
B = Battery Pack
C = Standard Circuit
D = Dimming
E = Emergency
T = Nightlight
Y = Daylight

Voltage [1]
120 = 120V
277 = 277V
347 = 347V
UNV = Universal (120V-277V)

Size
14 = 1' x 4'

Ceiling Type
T1 = 1" Grid, Slot-Grid, 9/16" Tegular
T9 = 9/16" Grid
CC = Concealed Ceiling

Options [1]
AR = Air Return
CP = Chicago Plenum
NY = New York City Construction
W6 = 6' Whip Flex
W12 = 12' Whip Flex

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

Cooper Lighting
www.cooperlighting.com

Specifications and Dimensions subject to change without notice.
Consult your representative for additional options and finishes.

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