# NDICLED3R-25LN-CP





Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	25W	
120V:	0.24A	Color Temp:	4000K	
208V:	0.15A	Color Accuracy:	80 CRI	
240V:	0.13A	L70 Lifespan:	100,000	
277V:	0.11A	Lumens:	780 - 1881	
Input Watts:	26W	Efficacy:	30 LPW	
Efficiency:	96%			



# **Technical Specifications**

## Listings

## **UL Listing:**

Suitable for wet locations in a covered ceiling (adjustable models suitable for damp locations).

## **Chicago Plenum Compliance:**

To be compliant with City of Chicago Environmental Air (CCEA), all recessed luminaire wiring must be enclosed in airtight metal, with temperature rated seals and gaskets separating the fixture from the plenum air space.

### Optical

## **Photometrics:**

Photometrics are based on prorated reports. Contact the RAB Lighting Design department for the most upto-date data.

# Optics:

High-efficiency TIR optics. Available as a downlight (80° or 50° beam), adjustable (40° or 20° beam with 40° vertical adjustment and 360° rotation), or a wall washer

## Construction

## IC Rating:

Suitable for direct contact with insulation

### Trim:

Accepts cones with trim

### **Housing Component:**

This component must be ordered with New Construction Round Trim Module in order to make a complete fixture.

# **Cold Weather Starting:**

Minimum starting temperature is -40° F (-40° C)

## **Maximum Ambient Temperature:**

Suitable for use in 104° F (40°C) ambient temperatures

## Housing:

Cold-rolled steel and aluminum

#### Installation:

Nailer bar and butterfly brackets included; C-channels optional for acoustic tiles

## Green Technology:

Mercury and UV free. RoHS compliant components.

### **LED Characteristics**

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

## **Color Consistency:**

2-step u'-v' Circle Tolerance, previously referred to as 2-step MacAdam Ellipse, achieves consistent fixture-to-fixture color (ANSI standard C78.377.2015)

### **Electrical**

#### Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.24A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

## **Dimming Driver:**

Universal dimming driver supports TRIAC, ELV and 0-10V.

## **Surge Protection:**

2kV

#### Performance:

80° white: 1657 lumens, 63 lm/W 50° white: 1713 lumens, 65 lm/W 40°A white: 1819 lumens, 69 lm/W 20°A white: 1791 lumens, 68 lm/W WW white: 1138 lumens, 44 lm/W

80° matte: 1666 lumens, 64 lm/W 50° matte: 1726 lumens, 66 lm/W 40°A matte: 1881 lumens, 72 lm/W 20°A matte: 1852 lumens, 71 lm/W WW matte: 1200 lumens, 46 lm/W

80° black: 1280 lumens, 49 lm/W 50° black: 1548 lumens, 59 lm/W 40°A black: 1741 lumens, 67 lm/W 20° black: 1743 lumens, 67 lm/W WW black: 780 lumens, 30 lm/W

#### Other

## Aperture Size:

3" Rough-In

#### Special Order:

Available in battery backup option by special request. Contact RAB customer service to order.

### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

## **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## Recovery Act (ARRA) Compliant:

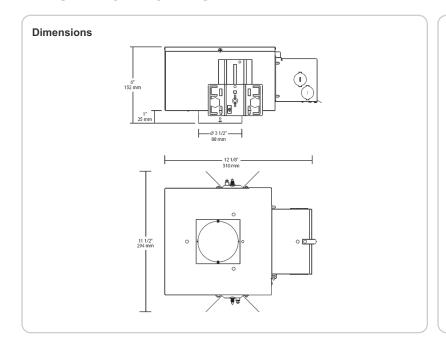
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

# NDICLED3R-25LN-CP





# **Features**

3-in-1 housing accommodates downlight, adjustable or wall washer

Universal driver supports TRIAC, ELV and 0-10 dimming

IC-rated, Certified Air Tight

100,000 hour LED lifespan

5-year no-compromise warranty

Family	Size	Shape	Wattage	Driver	Color Temp	CRI	Trim	Installation
NDICLED	3	R	25	L	N			CP
	<b>3</b> = 3"	R = Round	<b>25</b> = 25W <b>15</b> = 15W	D = TRIAC, ELV, 0-10V Dimming L = Lutron	N = 4000K (Neutral) YN = 3500K (Warm Neutral) Y = 3000K (Warm)	<b>Blank</b> = 80 CRI <b>HC</b> = 90 CRI	Blank = Accepts cones with trim  TL = Accepts trimless cones (spackle flange included)	Blank = Standard CP = Chicag Plenum