# NDICLED3R-15LYHC-CP





Project:	Туре:
Prepared By:	Date:

		LED Info		
Type:	Constant Current	Watts:	15W	
120V:	0.12A	Color Temp:	3000K	
208V:	0.08A	Color Accuracy:	90 CRI	
240V:	0.07A	L70 Lifespan:	100,000	
277V:	0.06A	Lumens:	See Table Below*	
Input Watts:	15W	Efficacy:	0 LPW	
Efficiency:	N/A			



# **Technical Specifications**

# Listings

#### **UL Listing:**

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

#### **CCEA Compliant:**

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

#### 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  $(80^{\circ} \text{ or } 50^{\circ} \text{ beam})$ , adjustable  $(40^{\circ} \text{ or } 20^{\circ} \text{ beam with } 40^{\circ} \text{ vertical adjustment and } 360^{\circ} \text{ rotation})$ , 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°C (-40°F)

# **Maximum Ambient Temperature:**

SuitableFor use in 40°C (104°F) 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: 0.12A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A

## **Dimming Driver:**

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

# **Surge Protection:**

2kV

#### Performance Table\*:

The performance table below shows photometric data for this rough-in with the following trim modules:

NDTRIM 80° white: 893 lm, 61 lm/W NDTRIM 50° white: 923 lm, 63 lm/W

NDTRIM 40° adjustable white: 980 lm, 67 lm/W NDTRIM 20° adjustable white: 965 lm, 66 lm/W NDTRIM Wall Wash white: 613 lm, 42 lm/W

NDTRIM  $80^{\circ}$  matte silver: 898 lm, 61 lm/W

NDTRIM 50° matte silver: 930 lm, 64 lm/W

NDTRIM 40° adjustable matte silver: 1014 lm, 69 lm/W NDTRIM 20° adjustable matte silver: 998 lm, 68 lm/W NDTRIM Wall Wash matte silver: 646 lm, 44 lm/W

NDTRIM  $80^\circ$  black: 690 lm, 47 lm/W

NDTRIM 50° black: 835 lm, 57 lm/W

NDTRIM 40° adjustable black: 938 lm, 64 lm/W NDTRIM 20° adjustable black: 939 lm, 64 lm/W NDTRIM Wall Wash black: 420 lm. 29 lm/W

# Other

# **Aperture Size:**

3" Rough-In

# Special Order:

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

#### Warrantv:

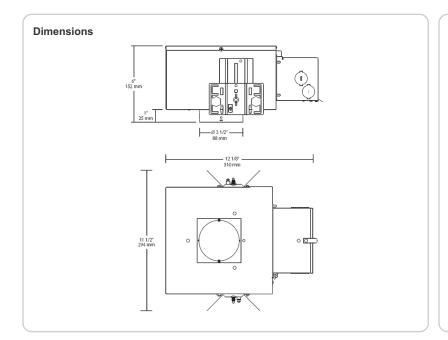
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

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# **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	15	L	Y	НС		СР
	<b>3</b> = 3"	<b>R</b> = 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)  YY = 2700K (Residential Warm)	Blank = 80 CRI HC = 90 CRI	Blank = Accepts cones with trim  TL = Accepts trimless cones (spackle flange included)	Blank = Standard CP = Chicag Plenum