NDICLED3S-25LYY-TL-CP

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

3-inch new construction downlight with a patented 3-in-1 design that supports a variety of options for a broad range of applications.

Color: N/A   Weight: 10.4 lbs

Driver Info

Type:	Constant Current
120V:	0.24A
208V:	0.15A
240V:	0.13A
277V:	0.11A
Input Watts:	26W
Efficiency:	96%

LED Info

Watts:	25W
Color Temp:	2700K
Color Accuracy:	80 CRI
L70 Lifespan:	100,000
Lumens:	763 - 1604
Efficacy:	29 LPW

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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 up-to-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 trimless cones (spackle flange included)

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: 1416 lumens, 54 lm/W
50° white: 1477 lumens, 57 lm/W
40°A white: 1580 lumens, 61 lm/W
20°A white: 1546 lumens, 59 lm/W
WW white: 1031 lumens, 40 lm/W

80° matte: 1423 lumens, 54 lm/W
50° matte: 1480 lumens, 57 lm/W
40°A matte: 1604 lumens, 62 lm/W
20°A matte: 1573 lumens, 60 lm/W
WW matte: 1067 lumens, 41 lm/W

80° black: 1188 lumens, 45 lm/W
50° black: 1375 lumens, 53 lm/W
40°A black: 1511 lumens, 58 lm/W
20° black: 1462 lumens, 56 lm/W
WW black: 763 lumens, 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.

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.

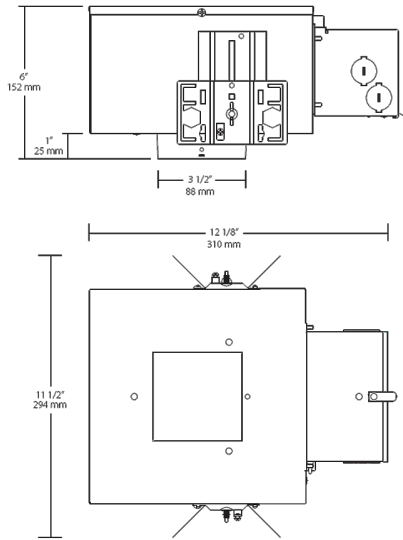**Recovery Act (ARRA) Compliant:**

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.

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Dimensions

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

Ordering Matrix

Family	Size	Shape	Wattage	Driver	Color Temp	CRI	Trim	Installation
NDICLED	3	S	25	L	YY		TL	CP
	3 = 3"	**S** = Square	**25** = 25W **15** = 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** = Chicago Plenum