# RDLED2S8-30YHC-TW



Clean, unobtrusive design delivers smooth and abundant light from an aperture just over 1 inch wide. Available in flush trim for a trimless look without the mess left behind from ceiling finishing work.

Color: White trim

# Weight: 1.5 lbs

## **Technical Specifications**

#### Listings

## **UL Listing:**

Suitable for wet locations in a covered ceiling

#### **ENERGY STAR:**

This product is ENERGY STAR® qualified.

#### IESNA LM79 & LM-80 Testing:

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

## Construction

#### IC Rating:

Suitable for direct contact with insulation

#### **Trim Component:**

This component can be ordered with New Construction housing in order to make a complete fixture.

#### **Ambient Temperature:**

Suitable for use in 55°C ambient temperatures

## **Cold Weather Starting:**

The minimum starting temperature is -40°F/-40°C

#### Lens:

Nanostructure lens eliminates "hot spots", and helps provide smooth, uniform light and higher efficiency

#### Junction Box:

Integral junction box with wiring capacity for Min 60°C supply conductors End of Run

#### Housing:

Specification-grade, die-cast aluminum construction

#### Installation:

Torsion springs easily install into ceiling collar (remodeler) or rough-in (new construction)

#### Trim Ring:

White powder coated die cast 1/2" trim ring.

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

## **LED Characteristics**

## LED:

High-output, long-life LED with 2-step binning and integrated driver technology

#### Color Consistency:

2-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### **Color Stability:**

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

## Electrical

#### Driver:

Constant Current, Class 2, 120VAC Only, 50/60Hz, 200mA, 0.07A

Driver Info	LED Info
Prepared By:	Date:
Project:	Туре:

Туре:	Constant Current	Watts:
120V:	0.08A	Color Temp:
208V:	N/A	Color Accuracy:
240V:	N/A	L70 Lifespan:
277V:	N/A	Lumens:
Input Watts:	8W	Efficacy:
Efficiency:	96%	

#### **Dimming Driver:**

TRIAC and ELV (at 120V only).

# Optical

## **Optics:**

30° beam spread with specular thermoplastic optics

## **Spacing Criteria:**

0-180° (along): 0.50 90-270° (across): 0.52 diagonal: 0.52

#### Other

#### Equivalency:

RDLED 8W is equivalent to 50W MR16

#### California Title 24:

RDLED2S8 complies with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for general spaces when used with a vacancy sensor and TRIAC dimming control. Select a vacancy sensor using catalog number LVS800. TRIAC dimmer provided by others.

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) 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



8W

N/A

566

3000K

90 CRI

68 LPW



## **Technical Specifications (continued)**

## Other

## Recovery Act (ARRA) Compliant:

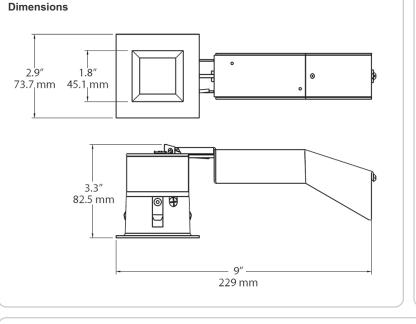
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010)

## **Trade Agreements Act Compliant:**

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

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4



#### Features

8W replaces 50W MR16 with energy savings of 82%

TRIAC dimmer compatibility for additional light control

Precision-engineered optics deliver smooth light without hot spots or glare

Orde	Ordering Matrix									
	Family	Size	Shape	Watts	Beam Spread	Color Temp	CRI	Туре	Finish	
R	RDLED									
		<b>2</b> = 2"	S = Square	<b>8</b> = 8W	20 = 20° 30 = 30° 40 = 40° W = Wall Washer	<ul> <li>YY = 2700K (Residential Warm)</li> <li>Y = 3000K (Warm)</li> <li>YN = 3500K (Warm Neutral)</li> <li>N = 4000K (Neutral)</li> </ul>	Blank = 82 or 83 CRI HC = 90 CRI	T = 1/2" Trim TL = Trimless Look	W = White Trim	