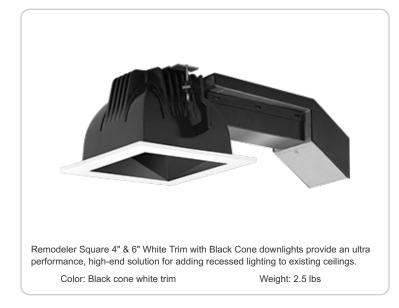
RDLED4S12D-80NHC-B-W





Project:		Туре:			
Prepared	By:	Date:			
Driver Info		LED Info			
Туре:	Constant Current	Watts:	12W		
120V:	0.12A	Color Temp:	4000K		
208V:	0.08A	Color Accuracy:	90 CRI		
240V:	0.07A	L70 Lifespan:	100000		
277V:	0.06A	Lumens:	790		
Input Watts:	14W	Efficacy:	57 LPW		

Technical Specifications

Listings

UL Listed:

Suitable for wet locations covered ceiling.

Optical

Photometrics:

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

Optics:

80° beam spread with specular thermoplasic optics and Nanostructure lens technology for smooth light output and high efficiency.

Electrical

Driver:

ELV, 0-10V and TRIAC Dimming, Constant Current, Class 2, 120V-277V, 50/60Hz, Power Factor 98%, THD \leq 20%.

Dimming Driver:

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only).

LED Characteristics

LED:

Long-life, high-output LED module. Binned for natural white light to match incandescent and 3-step MacAdam Ellipse consistency.

Lifespan:

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

Correlated Color Temp. (Nominal CCT):

3000 Warm.

Color Consistency:

3-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.

Construction

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

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

Trim Ring:

White powder coated die cast trim ring.

Trim Cone:

Black square trim cone.

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 90°C supply conductors 2 in 2 out

Housing

Professional-grade, die-cast aluminum construction.

Easy Installation:

Easy installation with ceiling clamps

Green Technology:

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

Other

Equivalency:

RDLED 12W is equivalent to 75W R30.

Absolute White[™]:

A unique binning process designed to match incandescent at each color temperature. It's 3-step consistent, very stable over time and looks the way you expect light to look.

California Title 24:

RDLED4S12 complies with 2013 California Title 24 building and electrical codes as a residential indoor fixture. It also complies 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 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).

Technical Specifications (continued)

Other

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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

Trade Agreements Act Compliant:



RDLED4S12D-80NHC-B-W





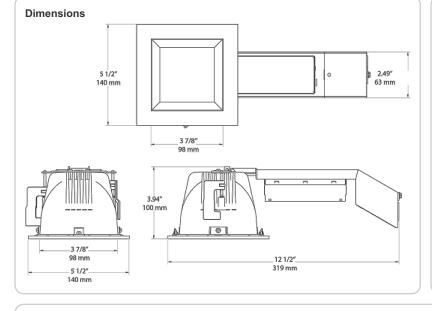
High performance, high efficiency alternative to incandescent lighting

Integrated ceiling clamps make installation fast and secure for ceiling up to 1 1/4" thick

Nanostructure lens eliminates "hot spots" providing smooth and efficient light

Low-profile design allows for installation in ceilings with limited space

Absolute White™ natural light output



Ordering Matrix

Size	Shape	Watts	Driver Option	Beam Spread	Color Temp	CRI	Cone Color	Trim Color
6 = 6"	S = Square	12 = 12W (4" only)	D = Universal Dimming	50 = 50°	YY = 2700K (Residential Warm)	Blank = 82 CRI	B = Black	W = Whit
4 = 4"		20 = 20W		80 = 80°	Y = 3000K (Warm)	HC = 92 CRI		
		26 = 26W (6" only)		W = Wall Washer	YN = 3500K (Warm Neutral)			
	6 = 6"	6 = 6" S = Square 4 = 4"	6 = 6" S = Square 12 = 12W (4" only) 4 = 4" 20 = 20W	6 = 6" S = Square 12 = 12W (4" only) D = Universal Dimming 4 = 4" 20 = 20W	$6 = 6"$ S = Square 12 = 12W (4" only) D = Universal Dimming $50 = 50^{\circ}$ $4 = 4"$ $20 = 20W$ $80 = 80^{\circ}$	6 = 6" S = Square 12 = 12W (4" only) D = Universal Dimming 4 = 4" 50 = 50° YY = 2700K (Residential Warm) Y = 2700K (Residential Warm) 80 = 80° Y = 3000K (Warm)	6 = 6" S = Square 12 = 12W (4" only) D = Universal Dimming 4 = 4" 50 = 50° YY = 2700K (Residential Warm) Blank = 82 CRI 80 = 80° Y = 3000K (Warm) HC = 92 CRI	6 = 6" S = Square 12 = 12W (4" only) D = Universal Dimming 4 = 4" 50 = 50° YY = 2700K (Residential Warm) Blank = 82 CRI B = Black Y = 2700K (Residential Warm) HC = 92 CRI