

# ECLIPSE Retrofit Downlight with Nightlight



4" Smooth



4" Baffle



6" Smooth



6" Baffle

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

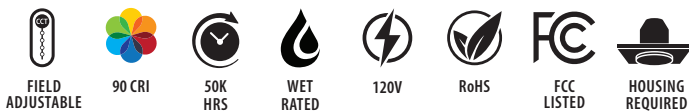
PREPARED BY: \_\_\_\_\_



## KEY FEATURES

- Smooth and baffle trim cones available in a white finish
- 5CCT field adjustable (2700/3000/3500/4000/5000K)
- 2000K amber white nightlight ring located on the inside of the trim cone
- Dimmable on TRIAC & ELV Dimmers
- 50,000 hrs, 5-year no-compromise warranty

See nighttime in a whole new light.



## SPECIFICATIONS

	4"	6"
Catalog Number	ECLPS4/ ECLPS4B	ECLPS6/ ECLPS6B
Size	4"	6"
Trim Style	Smooth & Baffle	
Equivalency	40W Incandescent	60W Incandescent
Wattage	Main Light: 7.5W Nightlight: 5W	Main Light: 9.5W Nightlight: 5W
Lumens	Main Light: 650 lm Nightlight: 30 lm	Main Light: 1000 lm Nightlight: 30 lm
Efficacy	96 lm/W	97 lm/W
Dim Type	TRIAC/ELV	
Input Voltage	120V	
Color Temperature	Main Light: Field adjustable via dip switch 2700/3000/3500/4000/5000K Nightlight: 2000K	
CR	>90	
L70 Lifetime	50,000 Hrs	
Environment	Wet Location	

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## PERFORMANCE DATA

### 4" Smooth

Catalog Number	Rated Wattage	CCT	Lumens	Efficacy	Equivalent Wattage	Nightlight Mode Wattage	Nightlight Mode Lumens
ECLPS4	7.5W	2700K	706 lm	96 lm/W	40W	5W	30 lm
		3000K	713 lm	96 lm/W			
		3500K	725 lm	97 lm/W			
		4000K	739 lm	99 lm/W			
		5000K	759 lm	103 lm/W			

### 4" Baffle

Catalog Number	Rated Wattage	CCT	Lumens	Efficacy	Equivalent Wattage	Nightlight Mode Wattage	Nightlight Mode Lumens
ECLPS4B	7.5W	2700K	702 lm	95 lm/W	40W	5W	30 lm
		3000K	712 lm	96 lm/W			
		3500K	724 lm	97 lm/W			
		4000K	729 lm	98 lm/W			
		5000K	751 lm	102 lm/W			

### 6" Smooth

Catalog Number	Rated Wattage	CCT	Lumens	Efficacy	Equivalent Wattage	Nightlight Mode Wattage	Nightlight Mode Lumens
ECLPS6	9.5W	2700K	907 lm	97 lm/W	60W	5W	30 lm
		3000K	915 lm	97 lm/W			
		3500K	932 lm	98 lm/W			
		4000K	938 lm	99 lm/W			
		5000K	960 lm	102 lm/W			

### 6" Baffle

Catalog Number	Rated Wattage	CCT	Lumens	Efficacy	Equivalent Wattage	Nightlight Mode Wattage	Nightlight Mode Lumens
ECLPS6B	9.5W	2700K	908 lm	98 lm/W	60W	5W	30 lm
		3000K	915 lm	98 lm/W			
		3500K	932 lm	99 lm/W			
		4000K	938 lm	100 lm/W			
		5000K	960 lm	103 lm/W			

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

**Product Type**

Retrofit Downlight with Ambient Nightlight

**Size**

4", 6"

**Shape**

Round

**Trim Style**

Smooth, baffle

**Housing Material**

UV Resistant polycarbonate housing

**Finish**

White

**Lens**

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

### INSTALLATION

**Remote Driver/Junction Box**

Die formed metal driver / junction box with captive hinged junction box cover. Listed for Maximum of (4) 12AWG through branch circuit conductor suitable for 90° C permitted in box. Easy to wire in 2in/2out (plus ground) applications. (4) conduit pry-outs. (3) quick snap-in connectors for quick and reliable line voltage connections. Integral mounting facilitates direct mounting to building structure or mounting frame.

**Mounting**

Recessed

**Base Type**

E26

### ELECTRICAL

**Dimmable**

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

**Input Voltage**

120V

**Operating Frequency**

60Hz

**Operating Temperature**

-4°F to 104°F (-20°C to 40°C)

**THD**

0.2

**Power Factor**

>0.7

**Flicker**

0.3

### LED CHARACTERISTICS

**Beam Angle**

90°

**Color Temperature**

Main Light: Field adjustable via dip switch 2700/3000/3500/4000/5000K

Nightlight: 2000K

**Color Accuracy (CRI)**

>90

**R9 Value**

High color performance with R9 greater than 50

**Color Consistency**

<4-step (2700K & 5000K); <7-step (3000K/3500K/4000K) MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability**

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

**Color Uniformity**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### COMPLIANCE

**Listings**

UL Classified, UL Recognized

**Environment**

Suitable for use indoors and outdoors in dry, damp, or wet environments.

**IC Rated**

No

**Air Tight**

No

**Energy Star Approved**

This product is ENERGY STAR® Version 2.2 Certified.

**California Title 20 Compliant**

Can be used to conform with the requirements of California Title 20.

**California Title 24 JA8 Compliant**

No

**California Energy Commission (CEC) Status**

Lawful for Sales in California

**NEC Compliant**

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).

**IESNA LM-79 & LM80 Testing**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**RoHS**

Mercury and UV free. RoHS-compliant components.

**FCC**

Complies with Part 15 of the FCC Rules

### OTHER

**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. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Note**

All values are typical (tolerance +/- 10%)

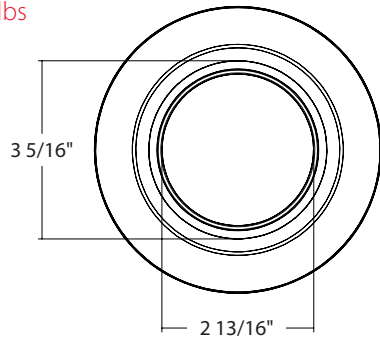
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## DIMENSIONS

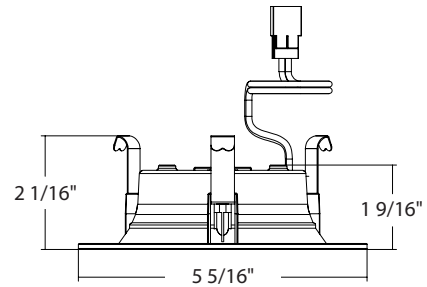
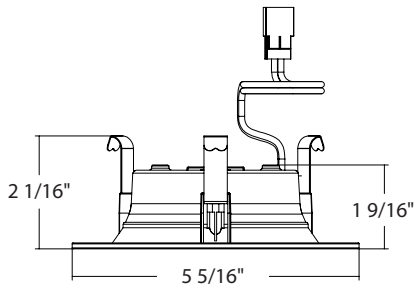
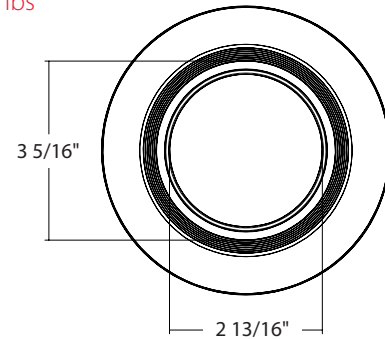
### 4" Smooth

Weight: 0.25 lbs



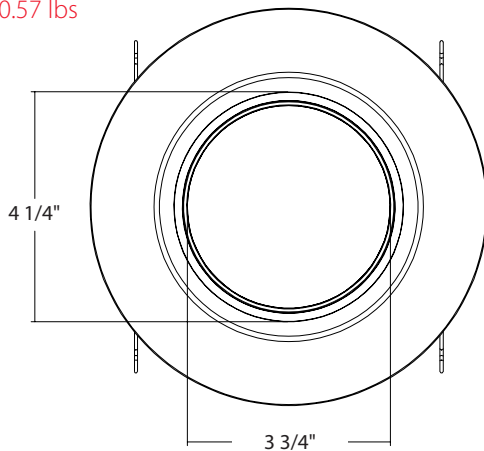
### 4" Baffle

Weight: 0.25 lbs



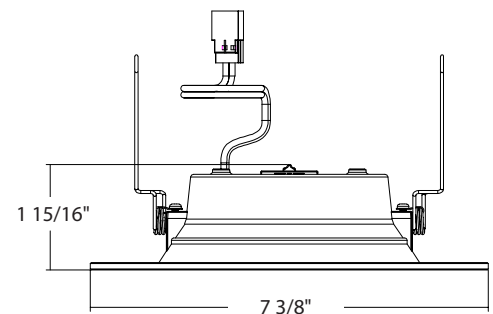
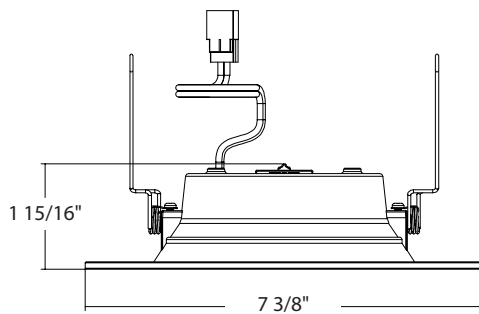
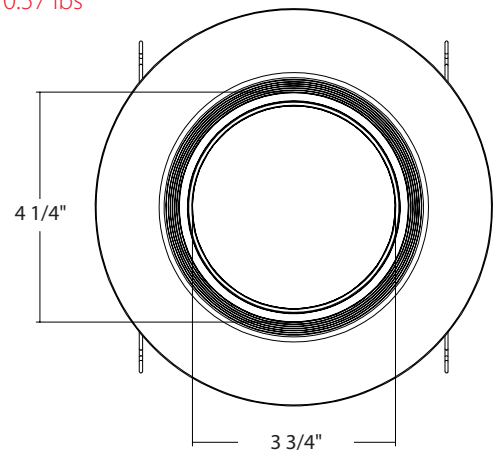
### 6" Smooth

Weight: 0.57 lbs



### 6" Baffle

Weight: 0.57 lbs



# ECLIPSE Retrofit Downlight with Nightlight



## ACCESSORIES

### Residential Recessed Housings



NDCANIC4R



NDCANIC6R



RDCANIC4R



RDCANIC6R

Catalog Number	UPC	Description
NDCANIC6R	019813702346	4" CAN NEW CONSTRUCTION ROUND IC RATED
NDCANIC4R	019813702353	6" CAN NEW CONSTRUCTION ROUND IC RATED
RDCANIC6R	019813702322	4" REMODLER CAN ROUND IC RATED
RDCANIC4R	019813702339	6" REMODLER CAN ROUND IC RATED

## ORDERING INFO

Catalog Number	Model Number (Energy Star)	UPC	Case Pack
ECLPS4	DLR0153(ECLPS4)	192552039871	12
ECLPS4B	DLR0154(ECLPS4B)	192552039888	12
ECLPS6	DLR0155(ECLPS6)	192552039895	12
ECLPS6B	DLR0156(ECLPS6B)	192552039901	12

## ORDERING MATRIX

Family	Size/Wattage	Shape	CRI/Color Temp	Voltage/Dimming	Finish	Trim					
ECLPS		R									
	4 6	Blank	Round	Blank	90CRI, 2700/3000/3500/4000/5000K Field-Adjustable	Blank	120V, TRIAC/ELV	Blank	White	Blank	Smooth Baffle