

# 2"/4"/ 6" LED External J-Box Downlight Canless Series



**Detail Specifications:**

- Finish: White Smooth Standard
- Black, Bronze, Brushed Nickel (Smooth & Baffle options)
- Wet Location Rated
- Beam Angle: 100°
- Chip: SMD 2835, R9 >50, CRI >90
- 3 Step MacAdam Ellipses
- Operating Temperature: -40° - 114° F
- Lens: Frosted PC, non-yellowing
- Average life (L70) of 50,000 hours

**Applications:**

- General Recessed Lighting
- Residential & Multifamily
- Office and Meeting Rooms
- Education, Healthcare, Retail, Hospitality

**Product Information:**

- Select-n-Switch Technology: 5-CCT + 3-Power Selectable
- Metal housing and trim for better heat dissipation
- Optional emergency backup available: delivers full lumens in EM mode up to 25W
- Remote J-Box can be mounted up to 12' away from fixture
- SnapTrim Canless: Spring clips with remote j-box eliminates can

**Driver Options:**

- Voltage: 120V
- Triac Dimmable Down to 5%
- Built in 2.5Kv Surge Protector
- Flicker Free

**Mounting & Installations:**

- Cut Out Dimensions:
  - 2": 2-1/2"
  - 4": 4-1/4"
  - 6": 6-1/4"
- Optional new construction plate available
- This fixture does not fit into a recessed can
- No housing needed in remodel applications, tension clips mount into 1/2" to 1.5" thick ceiling
- Can be removed from below the ceiling for service or replacement
- Pre-wired junction box with circuit wiring built in (3 in / 3 out)

**Certifications:**

- ETL Listed for USA and CA
- Energy Star Certified
- CA Title 24 JA8-2022 CEC Listed
- 5 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017
- IC Rated and ASTM-E283 Air-Tight

LED-RDL-EX-2		LED-RDL-EX-4		LED-RDL-EX-6	
WATT	LUMENS	WATT	LUMENS	WATT	LUMENS
4	275	8	560	12	700
6	410	10	700	15	1,000
8	560	12	960	18	1,500

Series	Emergency
LED-RDL-EX-2-3P8-5CCT-WH-SM	(Blank)
2" White Smooth • 8/6/4w	No Emergency Backup
LED-RDL-EX-4-3P12-5CCT-WH-SM	EMB
4" White Smooth • 8/10/12w	Emergency Backup
LED-RDL-EX-6-3P18-5CCT-WH-SM	
6" White Smooth • 12/15/18w	

**Optional Accessories (Order Separately)**

4" Trim Options	6" Trim Options	New Construction Plates	Extension Cables	Emergency Backup 1
<b>RDL-TRIM-4-BLK-SM</b> Black Smooth	<b>RDL-TRIM-5/6-BLK-SM</b> Black Smooth	<b>CUNV-NC-ICAT-7H</b> Universal plate w/ hanging bars	<b>JBX-EXT-6'-2PIN</b> 6' extension	<b>LED-EMB-15W-HV</b> -0/10V-2P Up to 14W fixtures
<b>RDL-TRIM-4-BZ-SM</b> Bronze Smooth	<b>RDL-TRIM-5/6-BZ-SM</b> Bronze Smooth	<b>C4-JBX-RI</b> 4" Rough in plate	<b>JBX-EXT-10'-2PIN</b> 10' extension	<b>LED-EMB-25W-HV</b> -0/10V-2P Up to 24W fixtures
<b>RDL-TRIM-4-BN-SM</b> Brushed Nickel Smooth	<b>RDL-TRIM-5/6-BN-SM</b> Brushed Nickel Smooth	<b>C6-JBX-RI</b> 6" Rough in plate	<b>JBX-EXT-12'-2PIN</b> 12' extension	
<b>RDL-TRIM-4-WH-BFL</b> White Baffle	<b>RDL-TRIM-5/6-WH-BFL</b> White Baffle	<b>CUNV-JBX-RI-XL</b> Universal tough in plate. Extra long		
<b>RDL-TRIM-4-BLK-BFL</b> Black Baffle	<b>RDL-TRIM-5/6-BLK-BFL</b> Black Baffle			
<b>RDL-TRIM-4-BZ-BFL</b> Bronze Baffle	<b>RDL-TRIM-5/6-BRZ-BFL</b> Bronze Baffle			
<b>RDL-TRIM-4-BN-BFL</b> Brushed Nickel Baffle	<b>RDL-TRIM-5/6-BN-BFL</b> Brushed Nickel Baffle			
<b>RDL-TRIM-4-CUSTOM</b> Custom Color	<b>RDL-TRIM-5/6-CUSTOM</b> Custom Color			

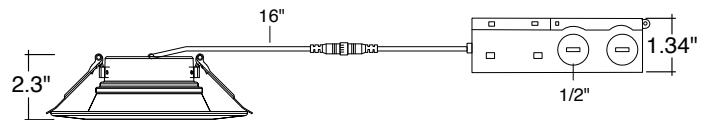
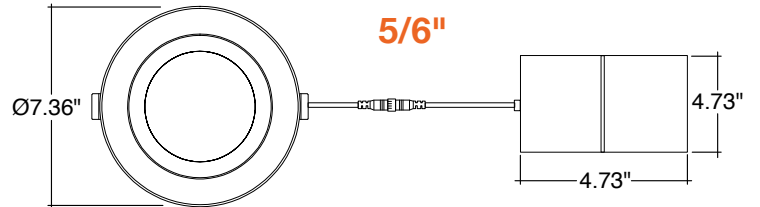
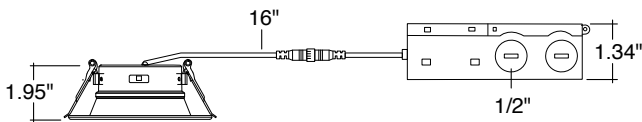
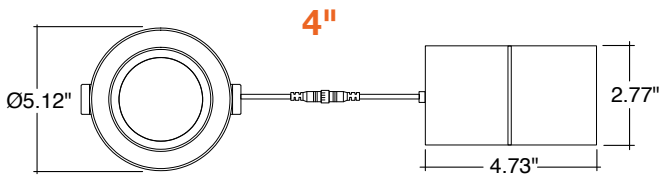
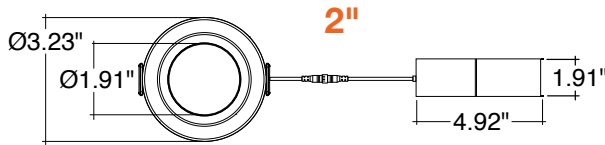
1. Field installable. Lasts 90 minutes.

Specs and model numbers are subject to change with or without notice.

**FEATURES**



**MEASUREMENTS**



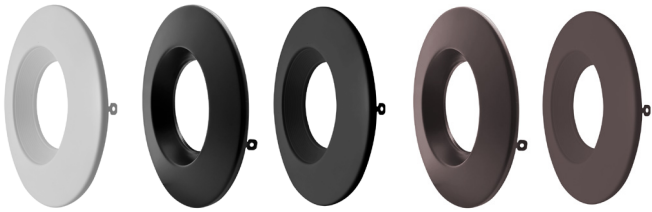
## ACCESSORIES



4-WH-BFL 4-BLK-SM 4-BLK-BFL 4-BZ-SM 4-BZ-BFL



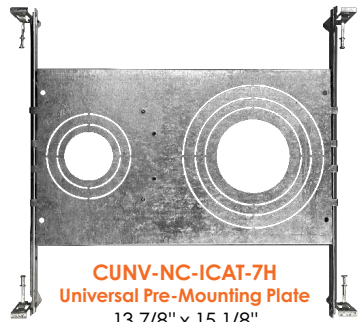
4-BN-SM 4-BN-BFL



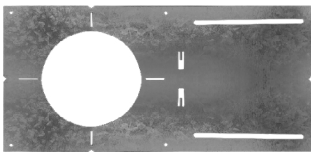
5/6-WH-BFL 5/6-BLK-SM 5/6-BLK-BFL 5/6-BZ-SM 5/6-BRZ-BFL



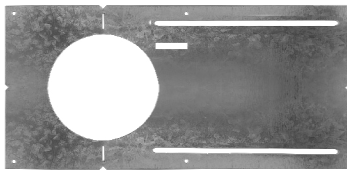
5/6-BN-SM 5/6-BN-BFL



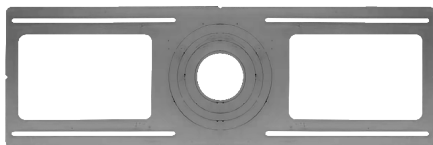
**CUNV-NC-ICAT-7H**  
Universal Pre-Mounting Plate  
13 7/8" x 15 1/8"



**C4-JBX-RI**  
4" Rough In Plate  
6 1/2" x 13 1/4"



**C6-JBX-RI**  
6" Rough In Plate  
8 1/2" x 17 1/4"



**CUNV-JBX-RI-XL**  
7" x 26"



**LED-EMB-15W-HV-0/10V-2P**  
**LED-EMB-25W-HV-0/10V-2P**

Model	Voltage	Watts	Lumens	Color	CRI
LED-RDL-EX-2-3P8-5CCT-WH-SM	120V	4/6/8w	275/410/560lm	27/30/35/40/50K	>90
LED-RDL-EX-4-3P12-5CCT-WH-SM	120V	8/10/12w	560/700/960lm	27/30/35/40/50K	>90
LED-RDL-EX-6-3P18-5CCT-WH-SM	120V	12/15/18w	700/1100/1500lm	27/30/35/40/50K	>90

## TRIMS

Accessory Model	Description
RDL-TRIM-4-BLK-SM	4" Black Trim Smooth
RDL-TRIM-4-BZ-SM	4" Bronze Trim Smooth
RDL-TRIM-4-BN-SM	4" Brushed Nickel Trim Smooth
RDL-TRIM-4-WH-BFL	4" White Trim Baffle
RDL-TRIM-4-BLK-BFL	4" Black Trim Baffle
RDL-TRIM-4-BZ-BFL	4" Bronze Trim Baffle
RDL-TRIM-4-BN-BFL	4" Brushed Nickel Trim Baffle
RDL-TRIM-4-CUSTOM	4" Custom Trim
RDL-TRIM-5/6-BLK-SM	5/6" Black Trim Smooth
RDL-TRIM-5/6-BZ-SM	5/6" Bronze Trim Smooth
RDL-TRIM-5/6-BN-SM	5/6" Brushed Nickel Trim Smooth
RDL-TRIM-5/6-WH-BFL	5/6" White Trim Baffle
RDL-TRIM-5/6-BLK-BFL	5/6" Black Trim Baffle
RDL-TRIM-5/6-BRZ-BFL	5/6" Bronze Trim Baffle
RDL-TRIM-5/6-BN-BFL	5/6" Brushed Nickel Trim Baffle
RDL-TRIM-5/6-CUSTOM	5/6" Custom Trim

## CONSTRUCTION PLATES

Accessory	Description
CUNV-NC-ICAT-7H	1" 2"3" 3.5" 4" 5" 6" Universal Pre-Mounting New Construction Plate
C4-JBX-RI	4" Rough In Plate
C6-JBX-RI	6" Rough In Plate
CUNV-JBX-RI-XL	7" x 26" Universal tough in plate (Extra Long)

## EXTENSION CABLE

Accessory	Description
JBX-EXT-6'-2PIN	6" Extension Cable
JBX-EXT-10'-2PIN	10" Extension Cable
JBX-EXT-12'-2PIN	12" Extension Cable

## BATTERY BACK-UP

Accessory	Description
LED-EMB-15W-HV-0/10V-2P	Up to 14W fixtures
LED-EMB-25W-HV-0/10V-2P	Up to 24W fixtures

## TESTED COMPATIBLE DIMMERS

Other dimmers may be compatible but have not been tested. Please contact us for more information.

Lutron	Leviton
TG-600PR-WH	GT-600P 6672
S-600PR-WH	DVCL-153P 6674
CTCL-153PDH-WH	RNL06 DSL06
SLV-600P-AL	MSCL-OP153M PD-6WCL
DV-600PR-WH	IPL06 MACL-153M//MA-R
SCL-153PH-WH	