

4" & 6" LED 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 Selectable
- Metal housing and trim for better heat dissipation
- Optional emergency backup available: delivers full lumens in EM mode up to 25W
- 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:
 - 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

Series

LED-RDL-JBX-4-11W-5CCT-WH-SM
11W • 750lm • 120V
LED-RDL-JBX-5/6-15W-5CCT-WH-SM
15W • 1,125lm • 120V

Emergency

(blank)
No Emergency
EMB
Emergency Backup

Optional Accessories (Order Separately)

4" Trims

RDL-TRIM-4-BLK-SM
4" Black Smooth
RDL-TRIM-4-BZ-SM
4" Bronze Smooth
RDL-TRIM-4-BN-SM
4" Brushed Nickel Smooth
RDL-TRIM-4-WH-BFL
4" White Baffle
RDL-TRIM-4-BLK-BFL
4" Black Baffle
RDL-TRIM-4-BZ-BFL
4" Bronze Baffle
RDL-TRIM-4-BN-BFL
4" Brushed Nickel Baffle
RDL-TRIM-4-CUSTOM
Custom Color

6" Trims

RDL-TRIM-5/6-BLK-SM
5/6" Black Smooth
RDL-TRIM-5/6-BZ-SM
5/6" Bronze Smooth
RDL-TRIM-5/6-BN-SM
5/6" Bronze Nickel Smooth
RDL-TRIM-5/6-WH-BFL
5/6" White Baffle
RDL-TRIM-5/6-BLK-BFL
5/6" Black Baffle
RDL-TRIM-5/6-BRZ-BFL
5/6" Bronze Baffle
RDL-TRIM-5/6-BRZ-BFL
5/6" Bronze Baffle
RDL-TRIM-5/6-BN-BFL
5/6" Brushed Nickel Baffle
RDL-TRIM-5/6-CUSTOM
Custom Color

New Construction Plates

CUNV-NC-ICAT-7H
Universal plate w/ hanging bars
C4-JBX-RI
4" Rough in plate
C6-JBX-RI
6" Rough in plate
CUNV-JBX-RI-XL
Universal tough in plate.
Extra long

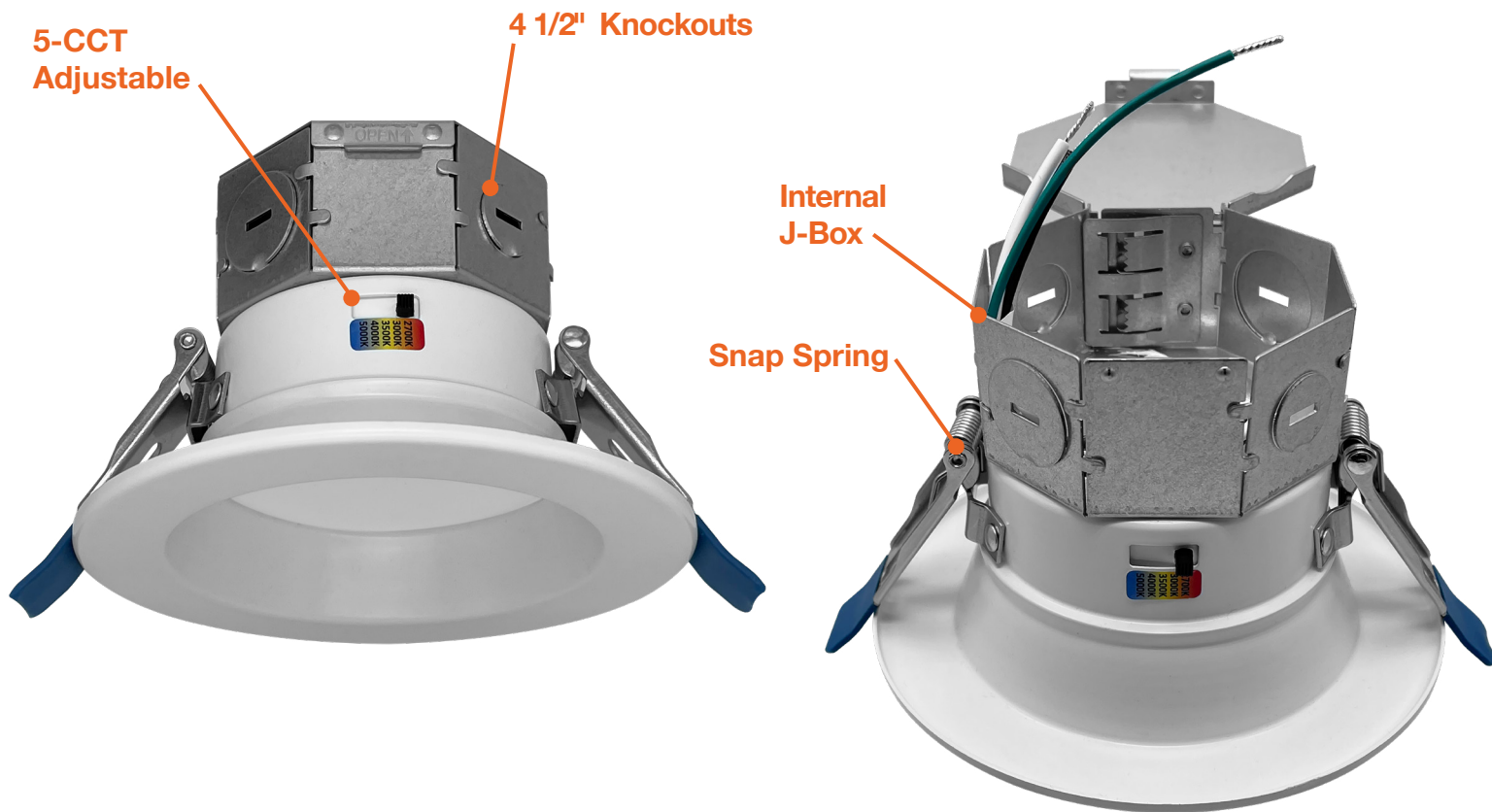
Emergency Backup ¹

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

1. Field installable.
Lasts 90 minutes.

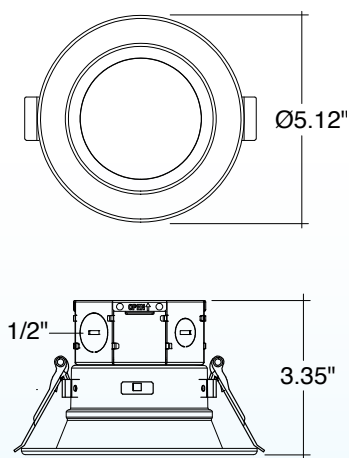
Specs and model numbers are subject to change with or without notice.

FEATURES

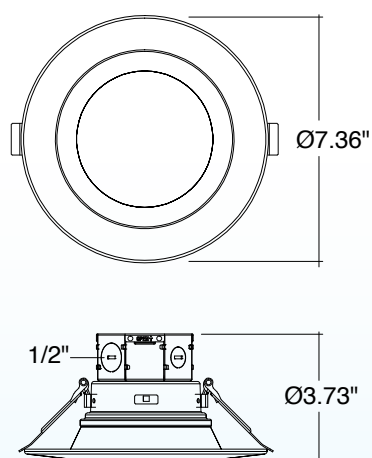


MEASUREMENTS

4 inch



5/6 inch



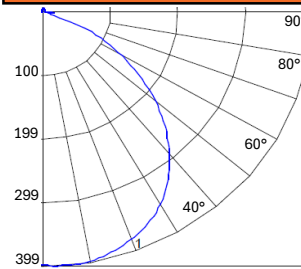
4"

SKU: LED-RDL-JBX-4-11W-5CCT-WH-SM
LUMENS: 878
WATTAGE: 11
LER: 110
CCT/CRI: 27/30/35/40/50K / >90CRI
SPACING CRITERIA: 1.30 (0-180), 1.20 (90-270)

Illumination at a Distance

Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	25.12	8.73
6'	11.13	13.10
8'	6.15	17.46
10'	3.95	21.83
12'	2.80	26.19

Polar Plot



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	144.45	18.2
0-30	303.88	38.3
0-40	485.71	61.3
0-60	774.15	97.7
0-80	849.75	107.2
0-90	857.49	108.2

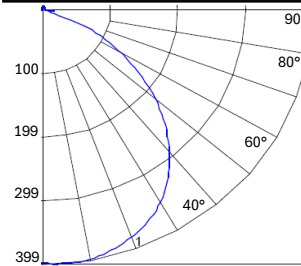
6"

SKU: LED-RDL-JBX-5/6-15W-5CCT-WH-SM
LUMENS: 1232
WATTAGE: 16
LER: 104
CCT/CRI: 27/30/35/40/50K / >90CRI
SPACING CRITERIA: 1.20 (0-180), 1.24 (90-270)

Illumination at a Distance

Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	32.67	9.70
6'	14.52	14.56
8'	7.95	19.41
10'	5.15	24.26
12'	3.55	29.11

Polar Plot



Zonal Lumen Summary

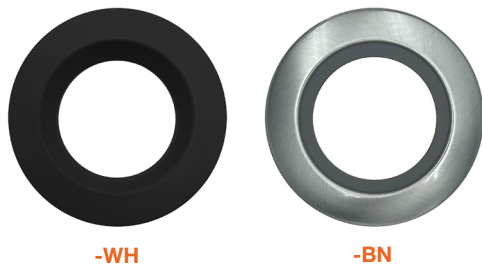
Zone	Lumens	%Fixt
0-20	188.03	15.3
0-30	396.87	32.2
0-40	642.23	52.1
0-60	1068.25	86.7
0-80	1196.54	97.1
0-90	1205.32	97.8

ACCESSORIES



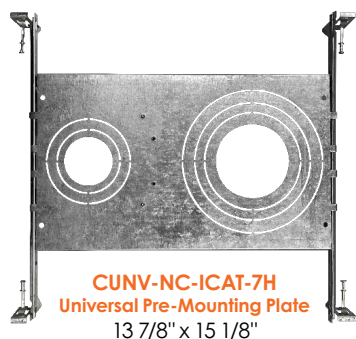
-BLK

-BZ

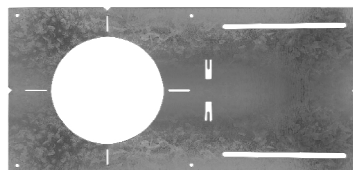


-WH

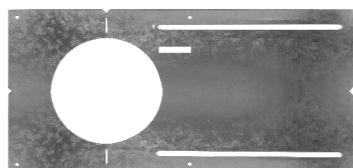
-BN



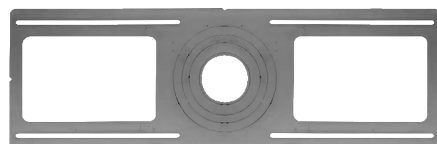
CUNV-NC-ICAT-7H
Universal Pre-Mounting Plate
13 7/8" x 15 1/8"



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

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	Universal tough in plate (Extra Long)

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



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