

3" & 4" LED Frosted J-Box Canless Downlight

5-CCT Selectable



3"



4"



Detail Specifications:

- Finish: White, Black
- Shape: Round or Square
- IP54 Wet Location Rated
- Beam Angle: 110° standard
- Chip: COB Chip, R9 >50, CRI >90
- 3 Step MacAdam Ellipses
- Operating Temperature: -40° - 114° F
- Lens: Frosted, 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:

- 5-CCT Selectable: 27/30/35/40/50K
- Standard white round trim included: optional trims available
- 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:

- 120V Triac Dimmable
- Built in 2.5Kv Surge Protector
- Flicker Free

Mounting & Installation:

- Cut Out Dimension:
 - 3": 3-1/4"
 - 4": 4-1/4"
- 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-MDJBX-3-10W-5CCT-WH-R

800LM White Round

LED-MDJBX-4-15W-5CCT-WH-R

1300LM White Round

Emergency

(Blank)

No

Emergency

Backup

EMB

Emergency

Backup

Optional Accessories (Order Separately)

3" Trim Options

MDJBX-3-TRIM
-WH-SQ

White Square

MDJBX-3-TRIM
-BLK-R

Black Round

MDJBX-3-TRIM
-BLK-SQ

Black Square

4" Trim Options

MDJBX-4-TRIM
-WH-SQ

White Square

MDJBX-4-TRIM
-BLK-R

Black Round

MDJBX-4-TRIM
-BLK-SQ

Black Square

New Construction Plates

CUNV-NC-ICAT-7H
1,2,3,3.5,4,5,6" w/ hanging
bars

CUNV-JBX-RI-XL
2,3,3.5,4,5,6" Rough in plate.
Extra long

Extension Cables

JBX-EXT-6'-2PIN
6' Extension
JBX-EXT-10'-2PIN
10' Extension
JBX-EXT-12'-2PIN
12' Extension

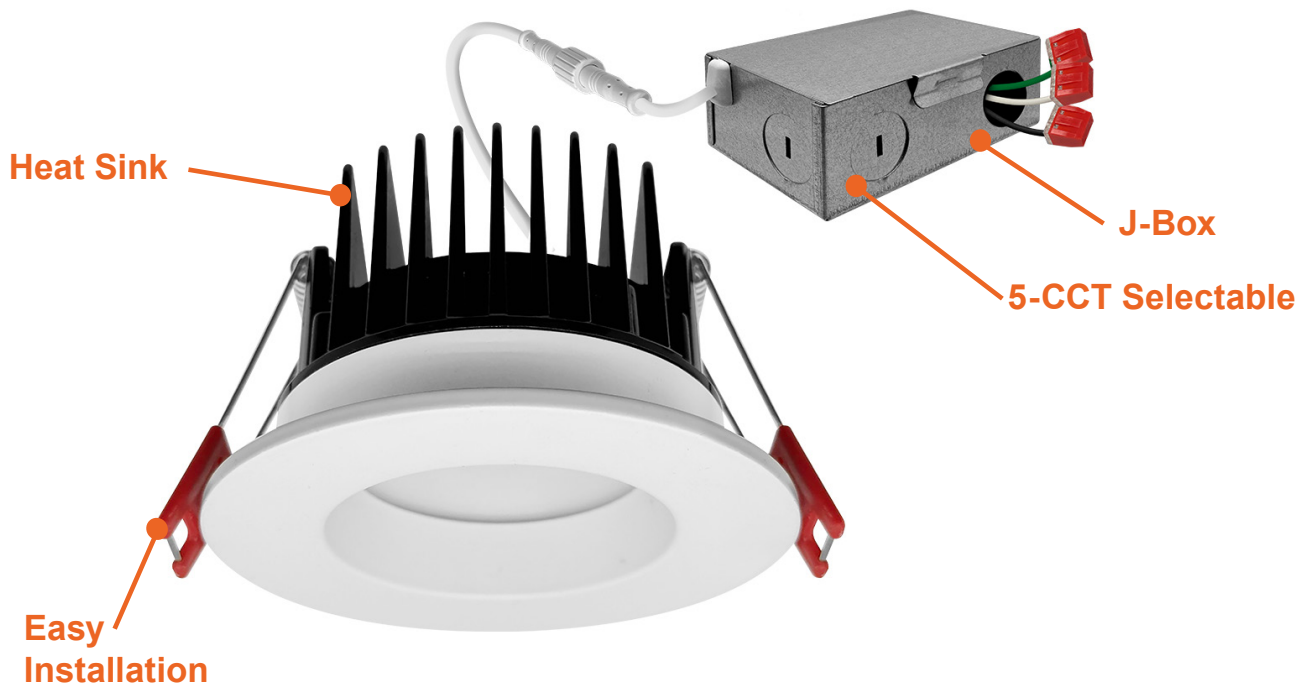
Emergency Backup 1 (field install)

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

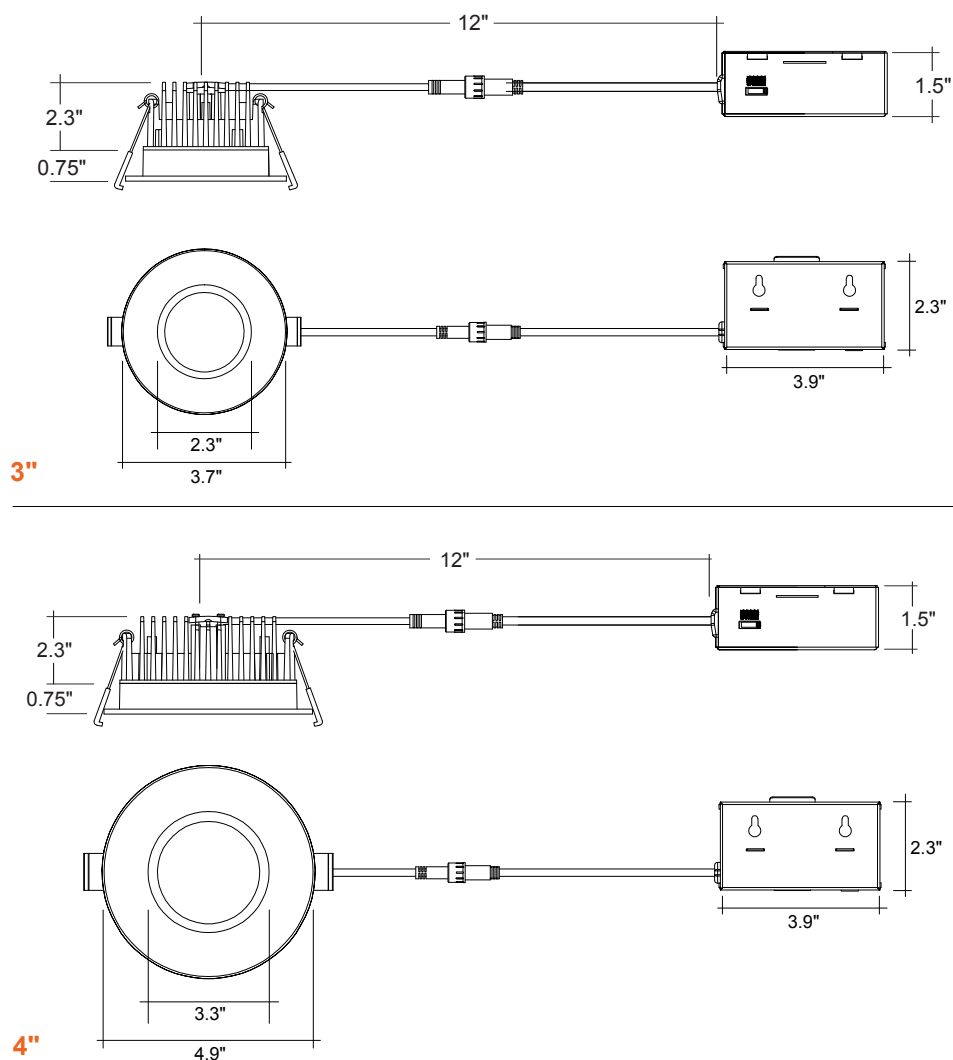
1. Field installable.
Lasts 90 minutes

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

FEATURES



DIMENSIONS



3"

SKU: LED-MDJBX-3-10W

LUMENS: 765

WATTAGE: 9.6

LER: 80

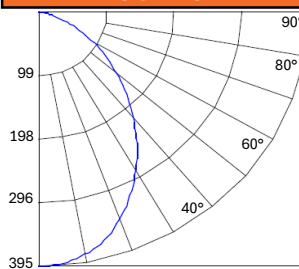
CCT/CRI: 27/30/35/40/50K / >90CRI

SPACING CRITERIA: 1.10 (0-180), 1.10 (90-270)

Illumination at a Distance

Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	24.98	7.33
6'	11.13	11.00
8'	6.15	14.66
10'	3.95	18.33
12'	2.80	21.99

Polar Plot



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	139.85	18.3
0-30	284.06	37.1
0-40	439.07	57.4
0-60	681.70	89.1
0-80	762.37	99.6
0-90	765.38	100

4"

SKU: LED-MDJBX-4-15W

LUMENS: 1202

WATTAGE: 13.32

LER: 90

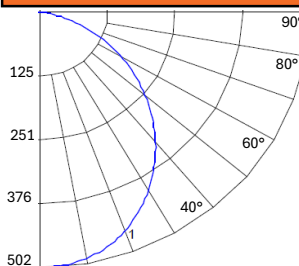
CCT/CRI: 27/30/35/40/50K / >90CRI

SPACING CRITERIA: 1.20 (0-180), 1.20 (90-270)

Illumination at a Distance

Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	31.72	9.53
6'	14.04	14.30
8'	7.80	19.07
10'	4.98	23.84
12'	3.55	28.60

Polar Plot

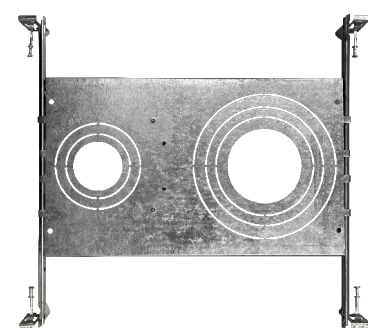
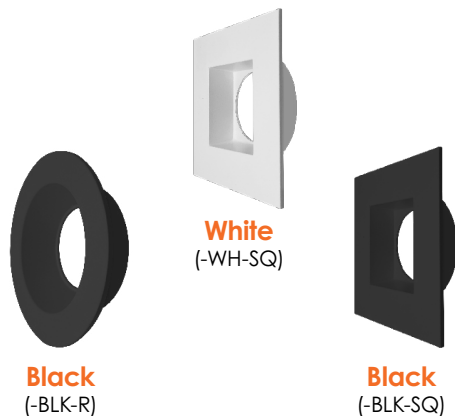


Zonal Lumen Summary

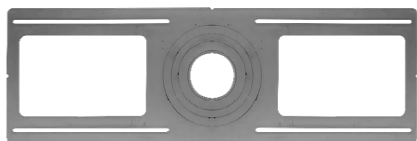
Zone	Lumens	%Fixt
0-20	181.42	15.1
0-30	379.46	31.6
0-40	608.54	50.6
0-60	1020.84	84.9
0-80	1195.48	99.4
0-90	1202.43	100

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ACCESSORIES



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



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



JBX-EXT
6' / 10' / 12' Extension Cable



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

Model	Voltage	Watts	Lumens	Color	CRI
LED-MDJBX-3-10W-5CCT-WH-R	120V	10w	800	27/30/35/40/50K	>90
LED-MDJBX-4-15W-5CCT-WH-R	120V	15w	1300	27/30/35/40/50K	>90

TRIMS

Accessory	Description
MDJBX-3-TRIM-BLK-R	3" Regressed Gimbal Black Round Trim
MDJBX-3-TRIM-BLK-SQ	3" Regressed Gimbal Black Square Trim
MDJBX-3-TRIM-WH-SQ	3" Regressed Gimbal White Square Trim
MDJBX-4-TRIM-BLK-R	4" Regressed Gimbal Black Round Trim
MDJBX-4-TRIM-BLK-SQ	4" Regressed Gimbal Black Square Trim
MDJBX-4-TRIM-WH-SQ	4" Regressed Gimbal White Square Trim

CONSTRUCTION PLATES

Accessory	Description
CUNV-NC-ICAT-7H	1" 2" 3" 3.5" 4" 5" 6" Universal Pre-Mounting New Construction Plate
CUNV-JBX-RI-XL	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

EMERGENCY BACKUP

Accessory	Description
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.

TRIAC/ELV Dimmers

Lutron	Leviton	Legrand	Cooper
AYCL-153P	6633	ADTP703TU	9540
DV-600PR	6674	H703PTW	DAL06P
DVCL-153P	6602		
MACL-153MH	IPL06		
MRF2-6CL			
D-600P			
NTELV-300P			
S-600P			
CT-600P			
CTCL-153P			
TG-600P			
TCCL-153P			
L-153P			