

CMD-Line: Commercial Downlights

External Junction Box



4" / 6" / 8"

Detail Specifications:

- Finish: White Smooth Standard
- Black & Clear- Specular Haze Trims Available
- Wet Location Rated
- Beam Angle: 90°
- Chip: SMD 3528, R9 >50, CRI >90
- 5-CCT: 27/30/35/40/50k
- 3 Step MacAdam Ellipses
- Operating Temperature: -40° - 114° F
- Lens: Frosted PC, non-yellowing
- Average life (L70) of 70,000 hours

Applications:

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

Product Information:

- Metal housing and trim for better heat dissipation
- SnapTrim Canless: Spring clips with remote j-box eliminates can
- Standard white round trim included: optional trims available
- Deep reflector lens reduces glare and optimizes even beam distribution
- Select-n-Switch Technology: 5-CCT + 3-Power Selectable
- Fixtures are preset to 5000k & max wattage

Driver Options:

- Voltage: CUNV: 120-347V
- Dimming: 0-10V
- Class II isolated
- THD: <20% (+/-5% tolerance), PF >0.9, 50/60Hz
- Built in 2.5Kv Surge Protector
- Flicker Free

Mounting & Installation:

- Cut Out Dimensions:
 - 4": 4"
 - 6": 6"
 - 8": 7"
- 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
- ASTM-E283 Air-Tight
- Complies with UL 263, ASTM E119, CAN ULC S101

Series _____ Emergency _____

LED-CMDEX-4-3M12-5CCT-CUNV
4" • 12/9/6W • 1100/900/650LM

LED-CMDEX-6-3M24-5CCT-CUNV
6" • 24/16/12w • 1950/1500/1100LM

LED-CMDEX-8-3M30-5CCT-CUNV
8" • 30/22/16w • 2500/2000/1500LM

Blank

None

EMB

Emergency

Backup

1. HV: Step down transformer into 4" j-box

Optional Accessories (Order Separately)

Trim Options

CMDEX-TRIM-4-CSH-WH
4" Clear-Specular Haze Reflector

CMDEX-TRIM-4-BLK
4" Black Reflector

CMDEX-TRIM-6-CSH-WH
6" Clear-Specular Haze Reflector

CMDEX-TRIM-6-BLK
6" Black Reflector

CMDEX-TRIM-8-CSH-WH
8" Clear-Specular Haze Reflector

CMDEX-TRIM-8-BLK
8" Black Reflector

Goof Ring

GR-4-WH
4-8" Width

GR-6-WH
6.3-10" Width

GR-8-WH
8-12.5" Width

GR-10-WH
9-14.1" Width

New Construction Plates

CUNV-NC-ICAT-7H
Universal plate w/ hanging bars

CUNV-JBX-RI-XL
Universal tough in plate. Extra long.

Emergency Backup¹ (Field Install)

LED-EMB-8W-HV -0/10V-2P
8W Emergency Backup

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

Extension Cables (Remote mount driver)

EXT-10FT
10ft.

EXT-20FT
20ft.

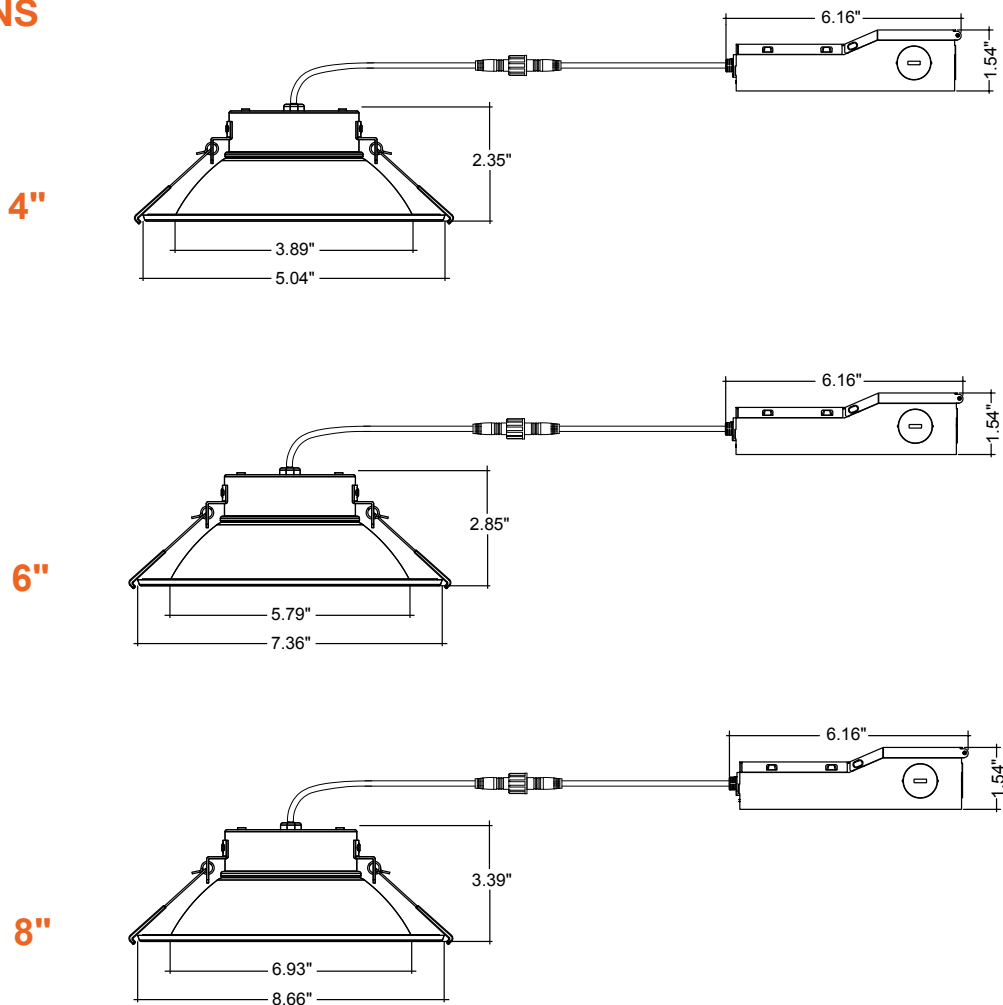
1. Field installable. Lasts 90 minute

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

FEATURES



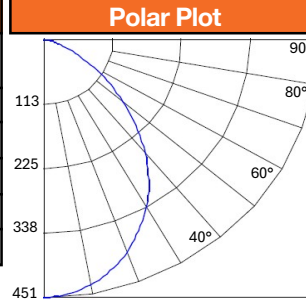
DIMENSIONS



4"

SKU: LED-CMDEX-4-3M12 (12W)
 LUMENS: 1170
 WATTAGE: 10.58
 LER: 111
 CCT/CRI: 27/30/35/40/50K / >90CRI
 SPACING CRITERIA: 1.14 (0-180), 1.14 (90-270)

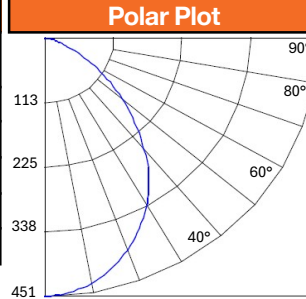
Illumination at a Distance		
Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	37.57	7.73
6'	16.70	11.59
8'	9.15	15.45
10'	5.83	19.31
12'	4.11	23.18



Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20	211.86	18.1
0-30	436.75	37.3
0-40	686.16	58.6
0-60	1059.65	90.5
0-80	1163.07	99.4
0-90	1170.48	100

SKU: LED-CMDEX-4-3M12 (9W)
 LUMENS: 886
 WATTAGE: 7.81
 LER: 113
 CCT/CRI: 27/30/35/40/50K / >90CRI
 SPACING CRITERIA: 1.14 (0-180), 1.14 (90-270)

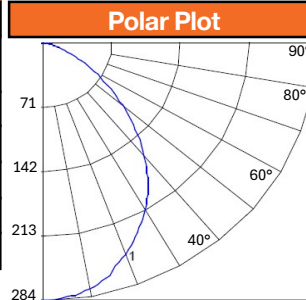
Illumination at a Distance		
Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	17.97	7.73
6'	12.58	11.59
8'	6.90	15.45
10'	4.46	19.31
12'	3.18	23.18



Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20	160.59	18.1
0-30	331.07	37.4
0-40	520.1	58.7
0-60	802.1	90.5
0-80	880.43	99.4
0-90	886	100

SKU: LED-CMDEX-4-3M12 (6W)
 LUMENS: 556
 WATTAGE: 4.9
 LER: 113
 CCT/CRI: 27/30/35/40/50K / >90CRI
 SPACING CRITERIA: 1.14 (0-180), 1.14 (90-270)

Illumination at a Distance		
Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	28.45	7.73
6'	12.58	11.59
8'	6.90	15.45
10'	4.46	19.31
12'	3.18	23.18

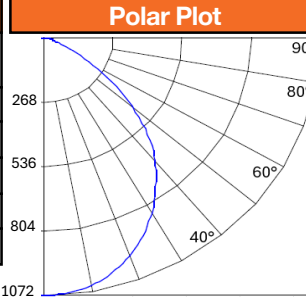


Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20	160.59	18.1
0-30	331.07	37.4
0-40	520.1	58.7
0-60	802.1	90.5
0-80	880.43	99.4
0-90	886	100

6"

SKU: LED-CMDEX-6-3M24 (24W)
 LUMENS: 2116
 WATTAGE: 21.38
 LER: 99
 CCT/CRI: 27/30/35/40/50K / >90CRI
 SPACING CRITERIA: 1.16 (0-180), 1.18 (90-270)

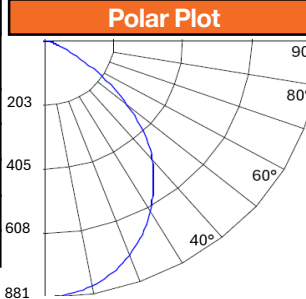
Illumination at a Distance		
Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	67.72	8.28
6'	30.13	12.43
8'	16.66	16.57
10'	10.64	20.71
12'	7.47	24.85



Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20	384.80	18.2
0-30	798.23	37.7
0-40	1263.65	59.7
0-60	1963.08	92.8
0-80	2105.19	99.5
0-90	2116.46	100

SKU: LED-CMDEX-6-3M24 (16W)
 LUMENS: 1601
 WATTAGE: 15.12
 LER: 106
 CCT/CRI: 27/30/35/40/50K / >90CRI
 SPACING CRITERIA: 1.16 (0-180), 1.18 (90-270)

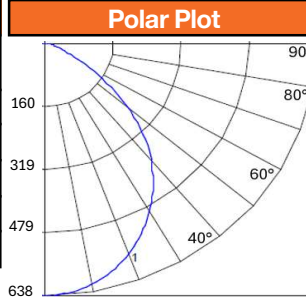
Illumination at a Distance		
Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	51.25	8.28
6'	22.75	12.43
8'	12.61	16.57
10'	8.07	20.71
12'	5.60	24.85



Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20	291.27	18.2
0-30	604.21	37.7
0-40	956.45	59.7
0-60	1485.36	92.8
0-80	1592.66	99.5
0-90	1601.13	100

SKU: LED-CMDEX-6-3M24 (12W)
 LUMENS: 1259
 WATTAGE: 11.48
 LER: 110
 CCT/CRI: 27/30/35/40/50K / >90CRI
 SPACING CRITERIA: 1.16 (0-180), 1.18 (90-270)

Illumination at a Distance		
Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	40.36	8.28
6'	17.91	12.43
8'	9.90	16.57
10'	6.35	20.71
12'	4.48	24.85



Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-20	229.25	18.2
0-30	475.55	37.8
0-40	752.79	59.8
0-60	1168.42	92.8
0-80	1252.68	99.5
0-90	1259.32	100

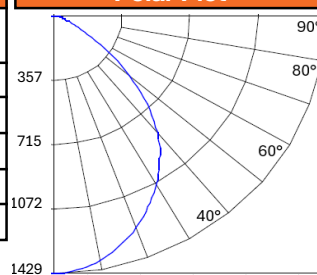
8"

SKU: LED-CMDEX-8-3M30 (30W)
LUMENS: 2720
WATTAGE: 27.75
LER: 98
CCT/CRI: 27/30/35/40/50K / >90CRI
SPACING CRITERIA: 1.14 0-180), 1.14 (90-270)

Illumination at a Distance

Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	90.32	7.86
6'	40.17	11.79
8'	22.06	15.72
10'	14.24	19.65
12'	9.90	23.58

Polar Plot



Zonal Lumen Summary

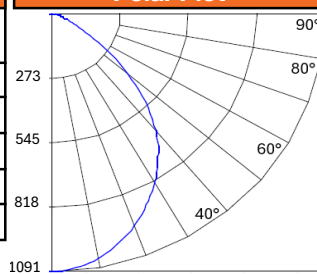
Zone	Lumens	%Fixt
0-20	508.25	18.70
0-30	1049.67	38.60
0-40	1658.60	61.00
0-60	2520.47	92.70
0-80	2701.16	99.30
0-90	2719.75	100.00

SKU: LED-CMDEX-8-3M30 (22W)
LUMENS: 2075
WATTAGE: 19.75
LER: 105
CCT/CRI: 27/30/35/40/50K / >90CRI
SPACING CRITERIA: 1.14 0-180), 1.14 (90-270)

Illumination at a Distance

Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	68.95	7.86
6'	30.61	11.79
8'	16.96	15.72
10'	10.81	19.65
12'	7.66	23.58

Polar Plot



Zonal Lumen Summary

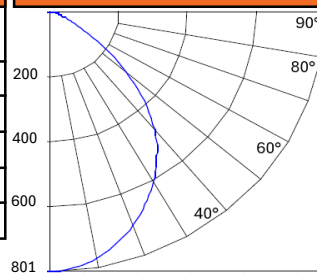
Zone	Lumens	%Fixt
0-20	387.81	18.70
0-30	800.94	38.60
0-40	1265.67	61.00
0-60	1923.05	92.70
0-80	2060.72	99.30
0-90	2074.87	100.00

SKU: LED-CMDEX-8-3M30 (16W)
LUMENS: 1522
WATTAGE: 13.93
LER: 109
CCT/CRI: 27/30/35/40/50K / >90CRI
SPACING CRITERIA: 1.14 0-180), 1.14 (90-270)

Illumination at a Distance

Distance from Luminaire	Center Beam (fc)	Diameter of Beam (ft)
4'	50.57	7.86
6'	22.51	11.79
8'	12.46	15.72
10'	7.89	19.65
12'	5.60	23.58

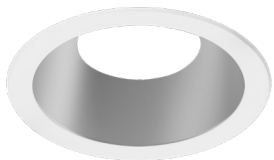
Polar Plot



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	284.62	18.7
0-30	587.86	38.6
0-40	929.04	61
0-60	1411.05	92.7
0-80	1511.87	99.3
0-90	1522.21	100

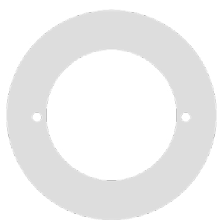
ACCESSORIES



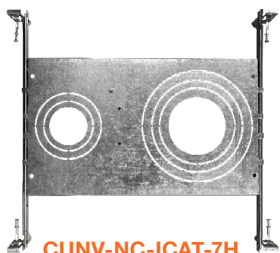
CMDEX-TRIM-4-CSH-WH
CMDEX-TRIM-6-CSH-WH
CMDEX-TRIM-8-CSH-WH



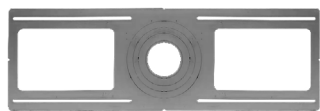
CMDEX-TRIM-4-BLK
CMDEX-TRIM-6-BLK
CMDEX-TRIM-8-BLK



GR-4-WH
GR-6-WH
GR-8-WH
GR-10-WH



CUNV-NC-ICAT-7H
13 7/8" x 15 1/8"



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



LED-EMB-8W-HV-0/10V-2P
LED-EMB-15W-HV-0/10V-2P



EXT
10' / 20' Extension Cable

Model	Voltage	Watts	Lumens	Color	CRI
LED-CMDEX-4-3M12-5CCT-CUNV	120-347V	12/9/6w	1,100/900/650	27/30/35/40/50k	>90
LED-CMDEX-6-3M24-5CCT-CUNV	120-347V	24/16/12w	1,950/1,500/1,100	27/30/35/40/50k	>90
LED-CMDEX-8-3M30-5CCT-CUNV	120-347V	30/22/16w	2,500/2,000/1,500	27/30/35/40/50k	>90

TRIMS

Accessory	Description
CMDEX-TRIM-4-CSH-WH	4" CMDEX: Clear-Specular Haze Reflector
CMDEX-TRIM-4-BLK	4" CMDEX : Black Reflector
CMDEX-TRIM-6-CSH-WH	6" CMDEX: Clear-Specular Haze Reflector
CMDEX-TRIM-6-BLK	6" CMDEX: Black Reflector
CMDEX-TRIM-8-CSH-WH	8" CMDEX: Clear-Specular Haze Reflector
CMDEX-TRIM-8-BLK	8" CMDEX: Black Reflector

GOOF RINGS

Accessory Model	Description
GR-4-WH	4" Goof Ring, Inner Dim: 4.9" Outer Dim: 6.5"
GR-6-WH	6" Goof Ring, Inner Dim: 6.3" Outer Dim: 10.5"
GR-8-WH	8" Goof Ring, Inner Dim: 8" Outer Dim: 12.5"
GR-10-WH	10" Goof Ring, Inner Dim: 9" Outer Dim: 14.1"

NEW CONSTRUCTION PLATES

Accessory Model	Description
CUNV-NC-ICAT-7H	Universal plate w/ hanging bar
CUNV-JBX-RI-XL	Universal tough in plate. Extra long.

EMERGENCY BACKUP

Accessory Model	Description
LED-EMB-8W-HV-0/10V-2P	8W Emergency Backup
LED-EMB-15W-HV-0/10V-2P	15W Emergency Backup

EXTENSION CABLE

Accessory	Description
EXT-10'	10" Extension Cable
EXT-20'	20" Extension Cable

TESTED COMPATIBLE DIMMERS

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

Leviton	Synergy	Eaton	Lutron	Hubbell
IP710-DLZ	ISD BC 120/277 WH	SF10P-W	DVSTV-WH	PSD710
				RSD710Z