



PRODUCT
CODE(S):

NOTES:

TYPE:

Interactive PDF. Click to type.

CDL03 Commercial Downlights

Power and 5CCT Selectable | 120-347V

Meet the successor to our CDL02 Commercial Downlights, now both 5 power and 5CCT selectable. Suitable for new construction and retrofit applications.

Power Selectable

5 power settings per fixture

Colour Selectable

2700K / 3000K / 3500K / 4000K / 5000K

Integral Driver Eliminates Need for Traditional Multi-Piece Fixture Setup

0-10V / ELV / TRIAC Dimmable

120-347V Universal Driver

IC Rated

for contact with insulation

Air-Tight Rated

to meet building code requirements

26" Flexible Conduit Whip

with knockout quick connector

White Trim Standard.
Brushed Nickel & Matte Black
sold separately.



4" Model



6" Model



8" Model



10" Model

Rough-In Plates Available (with and without hanger bars)
for Drywall and T-Grid Installations (sold separately)



LIGHT SPECIFICATIONS AND ELECTRICAL



PRODUCT CODE	SELECTABLE WATTS	CCT	LUMENS	EFFICACY	V	CRI	FACTORY SETTINGS	MAX CURRENT
CDL03-4R-16W-5P-5CCT-UD-WH	7W	2700K	700 lm	100 lm/W	120-347V	90+	16W 5000K	148mA
		3000K	760 lm	109 lm/W				
		3500K	810 lm	116 lm/W				
		4000K	840 lm	120 lm/W				
		5000K	850 lm	120 lm/W				
	9W	2700K	870 lm	97 lm/W				
		3000K	940 lm	104 lm/W				
		3500K	1000 lm	111 lm/W				
		4000K	1030 lm	114 lm/W				
		5000K	1050 lm	117 lm/W				
	11W	2700K	1040 lm	95 lm/W				
		3000K	1120 lm	102 lm/W				
		3500K	1200 lm	109 lm/W				
		4000K	1230 lm	112 lm/W				
		5000K	1250 lm	114 lm/W				
	13W	2700K	1200 lm	92 lm/W				
		3000K	1300 lm	100 lm/W				
		3500K	1380 lm	106 lm/W				
		4000K	1430 lm	110 lm/W				
		5000K	1450 lm	112 lm/W				
16W	2700K	1420 lm	89 lm/W					
	3000K	1520 lm	95 lm/W					
	3500K	1580 lm	99 lm/W					
	4000K	1600 lm	100 lm/W					
	5000K	1650 lm	103 lm/W					
CDL03-6R-24W-5P-5CCT-UD-WH	10W	2700K	1050 lm	105 lm/W	120-347V	90+	24W 5000K	223mA
		3000K	1100 lm	110 lm/W				
		3500K	1150 lm	115 lm/W				
		4000K	1180 lm	118 lm/W				
		5000K	1200 lm	120 lm/W				
	13W	2700K	1400 lm	108 lm/W				
		3000K	1470 lm	113 lm/W				
		3500K	1500 lm	115 lm/W				
		4000K	1550 lm	119 lm/W				
		5000K	1600 lm	123 lm/W				

PRODUCT CODE	SELECTABLE WATTS	CCT	LUMENS	EFFICACY	V	CRI	FACTORY SETTINGS	MAX CURRENT
CDL03-6R-24W-5P-5CCT-UD-WH	18W	2700K	1950 lm	108 lm/W	120-347V	90+	24W 5000K	223mA
		3000K	2050 lm	114 lm/W				
		3500K	2100 lm	117 lm/W				
		4000K	2150 lm	119 lm/W				
		5000K	2200 lm	122 lm/W				
	21W	2700K	2250 lm	107 lm/W				
		3000K	2300 lm	110 lm/W				
		3500K	2330 lm	111 lm/W				
		4000K	2350 lm	112 lm/W				
		5000K	2400 lm	114 lm/W				
	24W	2700K	2400 lm	100 lm/W				
		3000K	2500 lm	104 lm/W				
		3500K	2550 lm	106 lm/W				
		4000K	2600 lm	108 lm/W				
		5000K	2650 lm	110 lm/W				
CDL03-8R-30W-5P-5CCT-UD-WH	16W	2700K	1750 lm	109 lm/W	120-347V	90+	30W 5000K	278mA
		3000K	1830 lm	114 lm/W				
		3500K	1900 lm	119 lm/W				
		4000K	1960 lm	123 lm/W				
		5000K	2000 lm	125 lm/W				
	20W	2700K	2000 lm	100 lm/W				
		3000K	2100 lm	105 lm/W				
		3500K	2200 lm	110 lm/W				
		4000K	2250 lm	113 lm/W				
		5000K	2300 lm	115 lm/W				
	23W	2700K	2300 lm	100 lm/W				
		3000K	2420 lm	105 lm/W				
		3500K	2550 lm	111 lm/W				
		4000K	2600 lm	113 lm/W				
		5000K	2650 lm	115 lm/W				
	27W	2700K	2600 lm	96 lm/W				
		3000K	2750 lm	102 lm/W				
		3500K	2900 lm	107 lm/W				
		4000K	2950 lm	109 lm/W				
		5000K	3000 lm	111 lm/W				
	30W	2700K	2900 lm	97 lm/W				
		3000K	3050 lm	102 lm/W				
		3500K	3200 lm	107 lm/W				
		4000K	3250 lm	108 lm/W				
		5000K	3300 lm	110 lm/W				

PRODUCT CODE	SELECTABLE WATTS	CCT	LUMENS	EFFICACY	V	CRI	FACTORY SETTINGS	MAX CURRENT
CDL03-10R-38W-5P-5CCT-UD-WH	20W	2700K	2250 lm	113 lm/W	120-347V	90+	38W 5000K	352mA
		3000K	2350 lm	118 lm/W				
		3500K	2400 lm	120 lm/W				
		4000K	2450 lm	123 lm/W				
		5000K	2500 lm	125 lm/W				
	24W	2700K	2500 lm	104 lm/W				
		3000K	2620 lm	109 lm/W				
		3500K	2700 lm	113 lm/W				
		4000K	2720 lm	113 lm/W				
		5000K	2750 lm	115 lm/W				
	28W	2700K	2900 lm	104 lm/W				
		3000K	3050 lm	109 lm/W				
		3500K	3100 lm	111 lm/W				
		4000K	3150 lm	113 lm/W				
		5000K	3200 lm	114 lm/W				
	32W	2700K	3150 lm	98 lm/W				
		3000K	3350 lm	105 lm/W				
		3500K	3400 lm	106 lm/W				
		4000K	3450 lm	108 lm/W				
		5000K	3500 lm	109 lm/W				
38W	2700K	3750 lm	99 lm/W					
	3000K	3950 lm	104 lm/W					
	3500K	4050 lm	107 lm/W					
	4000K	4100 lm	108 lm/W					
	5000K	4150 lm	109 lm/W					

SPECIFICATIONS & ELECTRICAL

Surge Protection	2.5kV
Power Factor	>0.9
THD	<20%
Operating Temp	-20°C to 40°C
Beam Angle	90° (4" and 6") 95° (8" and 10")
Dimmable	0-10V (120-347V) / ELV (120V) / TRIAC (120V)
Noise	<24dB
L70 Life	>50,000 hrs
Warranty	5-year

APPROVALS & RATINGS

cETL	5010283
Energy Star	Yes*
CAN ICES-005	Yes
Wet Location	Yes**
IC Rated	Yes
Air-Tight Rated	Yes

*See Energy Star IDs on page 5 **When installed under covered ceiling

CONSTRUCTION

Driver Housing	Polycarbonate
Reflector	Aluminum
Lens	Polycarbonate
Finish	Powder Coated
Finish Colour	White
Cord Length	26"

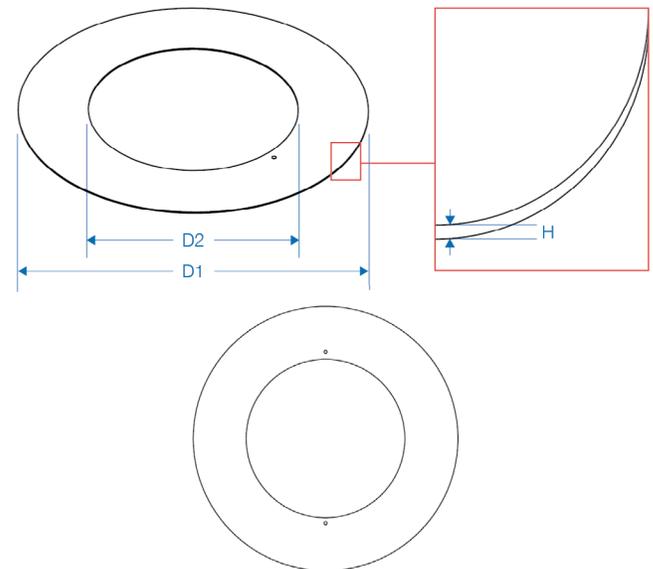
ACCESSORIES (Sold Separately)

		SHADED CELLS INDICATE COMPATIBILITY			
PRODUCT NUMBER	PRODUCT NAME	4"	6"	8"	10"
CDL03-TR-4R-BK	4" Trim - Matte Black				
CDL03-TR-6R-BK	6" Trim - Matte Black				
CDL03-TR-8R-BK	8" Trim - Matte Black				
CDL03-TR-10R-BK	10" Trim - Matte Black				
CDL03-TR-4R-BN	4" Trim - Brushed Nickel				
CDL03-TR-6R-BN	6" Trim - Brushed Nickel				
CDL03-TR-8R-BN	8" Trim - Brushed Nickel				
CDL03-TR-10R-BN	10" Trim - Brushed Nickel				
DL-GR-4R-WH	4" Goof Ring - White				
DL-GR-6R-WH	6" Goof Ring - White				
DL-GR-8R-WH	8" Goof Ring - White				
DL-GR-10R-WH	10" Goof Ring - White				
DL-RP-HB	T-Grid Rough-In Plate				
DL-RP	Drywall Rough-In Plate				

ENERGY STAR INFORMATION

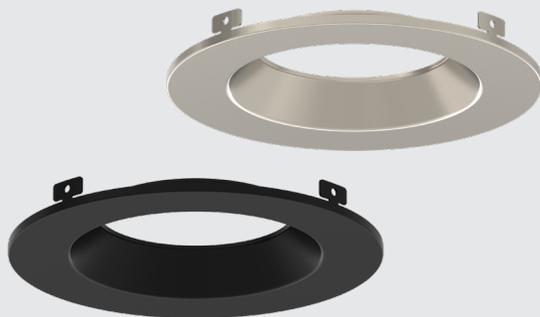
PRODUCT CODE	ENERGY STAR UNIQUE ID
CDL03-4R-16W-5P-5CCT-UD-WH	4515084
CDL03-6R-24W-5P-5CCT-UD-WH	4515085
CDL03-8R-30W-5P-5CCT-UD-WH	4515086
CDL03-10R-38W-5P-5CCT-UD-WH	4515088

GOOF RING MEASUREMENTS (IN)



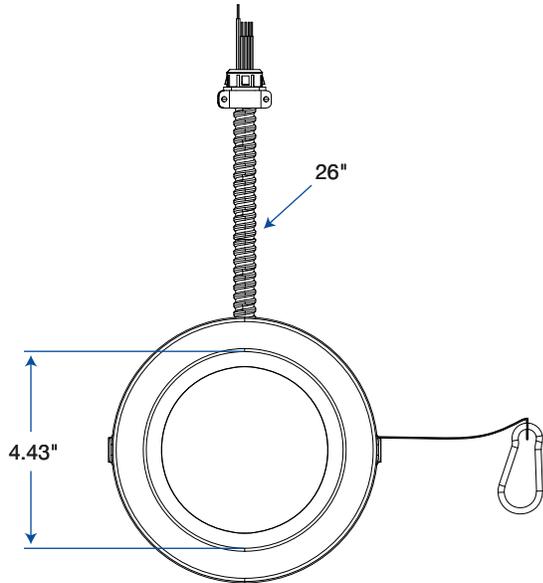
Different Options to Meet Your Project's Needs!

Customize your fixture with our trim accessories. Available in matte black or brushed nickel.

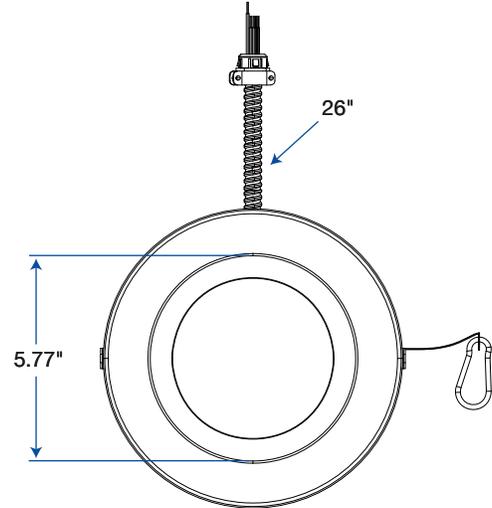


SIZE	D1 (DIAMETER 1)	D2 (DIAMETER 2)	H (HEIGHT)
4"	6.50"	4.92"	0.02"
6"	10.51"	6.30"	
8"	12.52"	8.07"	
10"	14.17"	9.06"	

MEASUREMENTS (IN) & WEIGHTS (LBS)



Cut-Out (Min to Max) = Ø 4.87" to Ø 5.67"

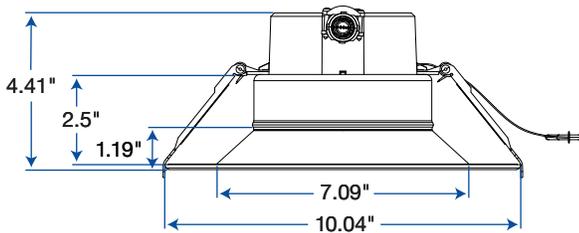
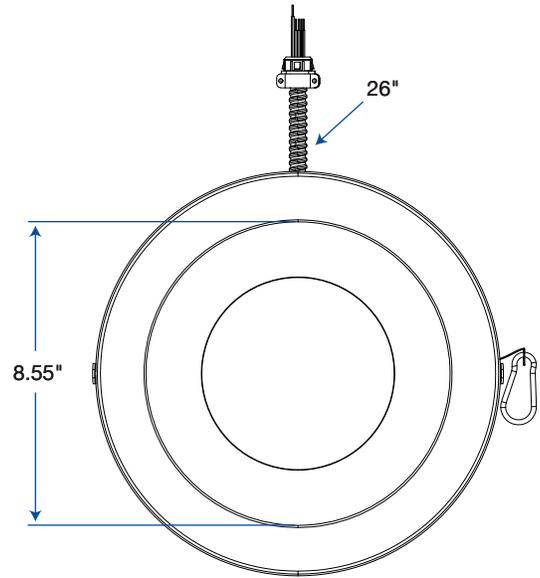
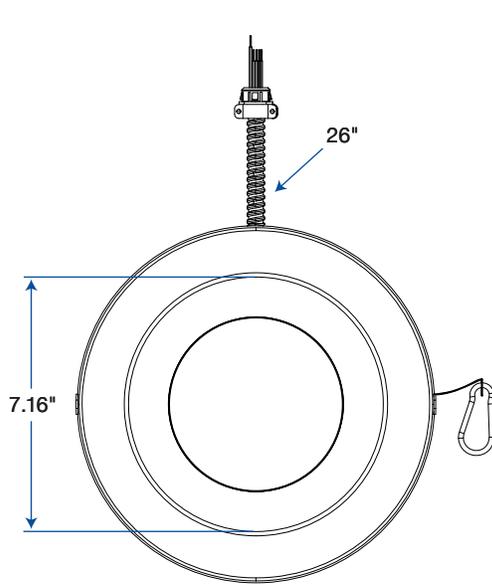


Cut-Out (Min to Max) = Ø 5.89" to Ø 8.10"

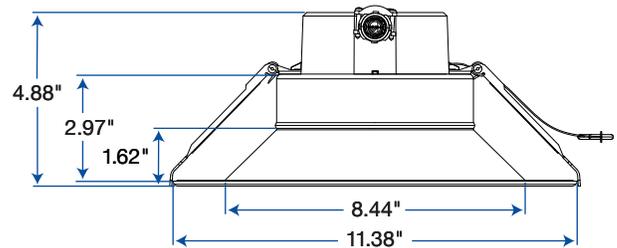
CDL03-4R-16W-5P-5CCT-UD-WH	
Product Meas.	5.98" x 5.98" x 3.71"
Fixture Weight	0.995 lbs
Carton Qty	1
Carton G.W.	1.32 lbs
Carton Meas.	7.09" x 7.09" x 4.82"
Master Carton Qty	6
Master Carton G.W.	9.08 lbs
Master Carton Meas.	15.16" x 7.87" x 16.10"

CDL03-6R-24W-5P-5CCT-UD-WH	
Product Meas.	8.41" x 8.41" x 4.19"
Fixture Weight	1.33 lbs
Carton Qty	1
Carton G.W.	1.77 lbs
Carton Meas.	9.53" x 9.53" x 5.28"
Master Carton Qty	6
Master Carton G.W.	12.43 lbs
Master Carton Meas.	20.04" x 10.31" x 17.44"

MEASUREMENTS (IN) & WEIGHTS (LBS)



Cut-Out (Min to Max) = Ø 7.52" to Ø 9.72"

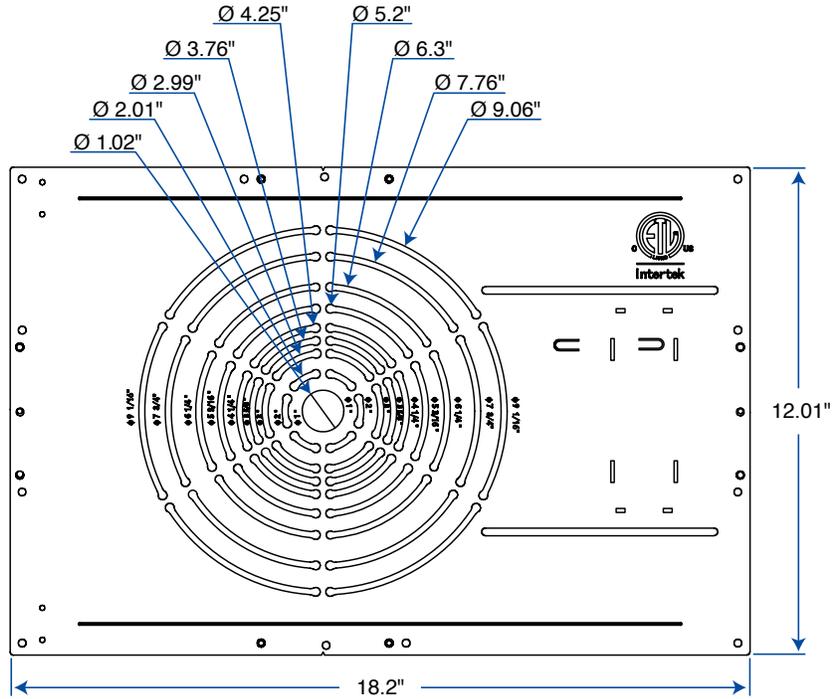


Cut-Out (Min to Max) = Ø 8.87" to Ø 10.98"

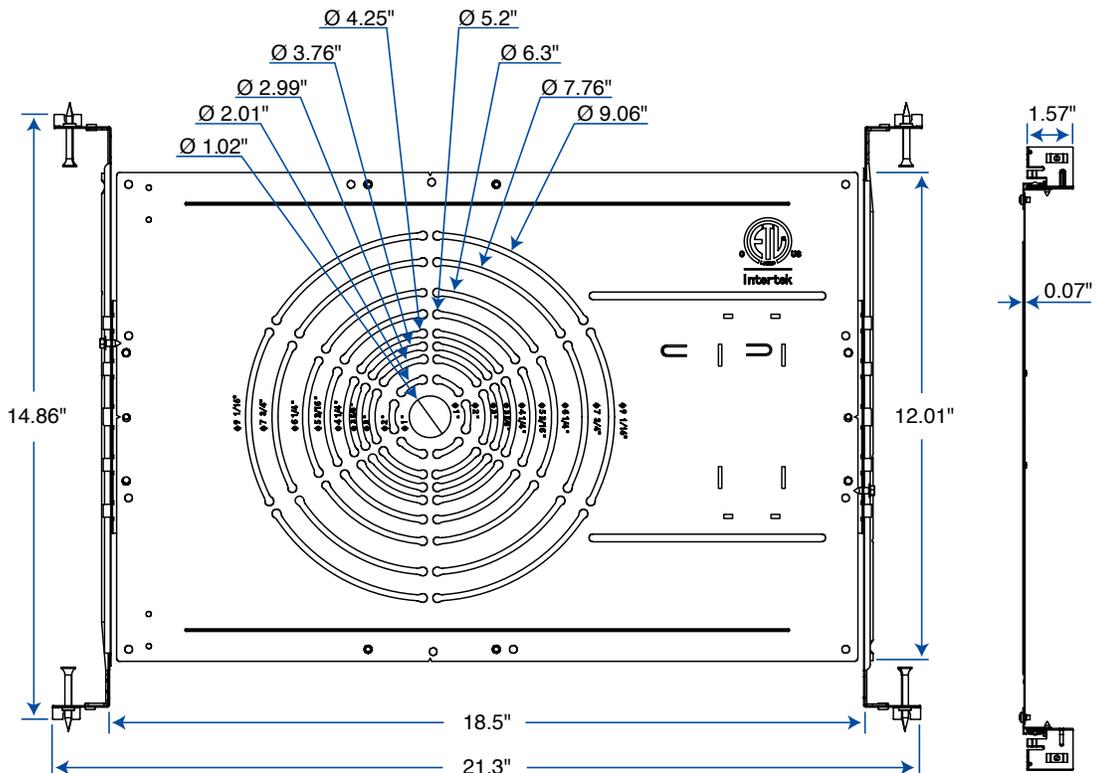
CDL03-8R-30W-5P-5CCT-UD-WH	
Product Meas.	10.04" x 10.04" x 4.51"
Fixture Weight	1.66 lbs
Carton Qty	1
Carton G.W.	2.28 lbs
Carton Meas.	11.18" x 11.18" x 5.67"
Master Carton Qty	6
Master Carton G.W.	15.98 lbs
Master Carton Meas.	23.35" x 11.97" x 18.62"

CDL03-10R-38W-5P-5CCT-UD-WH	
Product Meas.	11.38" x 11.38" x 4.8"
Fixture Weight	1.87 lbs
Carton Qty	1
Carton G.W.	2.76 lbs
Carton Meas.	12.48" x 12.48" x 5.98"
Master Carton Qty	6
Master Carton G.W.	19.31 lbs
Master Carton Meas.	25.94" x 13.27" x 19.57"

DRYWALL ROUGH-IN PLATE MEASUREMENTS (IN)



T-GRID ROUGH-IN PLATE MEASUREMENTS (IN)



COMPATIBLE DIMMERS

BRAND	MODEL NO.	CONTROL TYPE
Lutron	CTCL-153P-WH	TRIAC
Lutron	S2-LH	TRIAC
Lutron	DVCL-153P	TRIAC
Legrand	HCL453PTCCCV6	TRIAC
Synergy/Leviton	ISD 600 120 / IPI06	TRIAC
Leviton	6633-PA	TRIAC
Leviton	6631-PLW	TRIAC
Leviton	IPL06-10Z	TRIAC
Leviton	6674-P0W	TRIAC
Lutron	DVELV-300P-AL	ELV
Lutron	NTELV-300-WH	ELV
Lutron	SELV-300P	ELV
Insteon	2477D	ELV
HUBBELL	RSDE06	ELV
Lutron	PD-5NE	ELV / TRIAC
Leviton	IP710-DLZ	0-10V
Lithonia/Synergy	ISD BC 120/277 WH	0-10V
Cooper	SF10P-W	0-10V
Lutron	DVSTV-WH	0-10V
HUBBELL	PSD710	0-10V
HUBBELL	RSD710Z	0-10V

BRITISH COLUMBIA

1140-2375 Fremont St, Port Coquitlam,
BC V3B 0N9 | (778) 730-0448

ALBERTA

13-2355 52 Ave SE, Calgary, AB
T2C 4X7 | (403) 907-0212

ONTARIO

8-540 Jamieson Pkwy, Cambridge, ON
N3C 0G5 | (519) 880-9833