

PROJECT
TYPE
CATALOG #

06-CDR10-5L-LKFS

10" ROUND DOWNLIGHT LUMEN & KELVIN SELECTABLE

HOUSING

- Premium powder-coat, aluminum, white housing.

ELECTRICAL

- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- 21.65" flexible metal conduit with additional 6" of conductor is standard.
- Beam angle 50°.
- Input transient surge protection = 1kV.
- Type IC.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

OPTICAL SYSTEM

- Polycarbonate diffuser.
- Field selectable 2700k(soft white), 3000k(warm white), 3500k(warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures*.
- Tri-Lumen selectable delivers 3,000 to 5,000 nominal lumens*.
- Long-life LEDs provide 149,000 hours of operation with at least 70% of initial lumen output (L70),and 44,000 hours with at least 90% of initial lumen output (L90)**.
- LED color maintenance < -0.0047 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index > 90.

MOUNTING

- Recessed in ceiling, new construction or retrofit.
- Access above ceiling required.
- Covered ceiling mount only.
- Compatible with 8.97" ceiling cut-outs and 10" mounting frames.

CODE COMPLIANCE

- cETLus listed for wet locations.
- Energy Star certified.
- Complies with FCC part 15, class B.
- Complies with Title 24.

WARRANTY

- 5-year warranty on all electronics and housing.

*Default 4000K color temperature and highest lumen output.

**L70 & L90 hours are IES TM-21-11 calculated hours.



Model	Size (inches) & Weight (lbs)				Cut Out (in)
	L (in)	W (in)	H (in)	Weight	
06-CDR10-5L-LKFS-SW	11.4	11.4	6.01	2.43	8.97



PRODUCT PARAMETERS

MODEL	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN (SELECTABLE)	BAFFLE TYPE
06-CDR10	5L = 5000/ 4000/ 3000 lm	LKFS 2700/ 3000/ 3500/ 4000/ 5000K	SW Specular White

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COMPATIBLE DIMMERS & CONTROLS

Manufacturer	Model Number			
Lutron	RMJS-8T-DV-B	Diva DVSTV	MS-Z101-WH	DVSTV-WH
Legrand	RH4FBL3PW	-	-	-

ELECTRICAL DATA

Series	Measurements	Low Lumens					Mid Lumens					High Lumens				
		2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
06-CDR10-5L-LKFS-SW	Lumens	2893	2876	2862	2947	2931	3660	3701	3621	3710	3826	4227	4616	4677	4797	4737
	Watt	31.80	31.50	30.90	30.90	31.80	41.60	52.20	40.30	40.40	41.70	48.30	47.80	46.70	46.80	48.70
	Efficacy	90.98	91.29	92.61	95.37	92.16	87.97	70.90	89.85	91.83	91.74	87.51	96.56	100.15	102.37	97.26
	Input Current (A)	120V	0.27	0.26	0.26	0.26	0.27	0.35	0.44	0.34	0.34	0.35	0.40	0.40	0.39	0.39
240V		0.13	0.13	0.13	0.13	0.13	0.17	0.22	0.17	0.17	0.17	0.20	0.20	0.19	0.20	0.20
277V		0.11	0.11	0.11	0.11	0.11	0.15	0.19	0.15	0.15	0.15	0.17	0.17	0.17	0.17	0.18

PHOTOMETRIC DATA

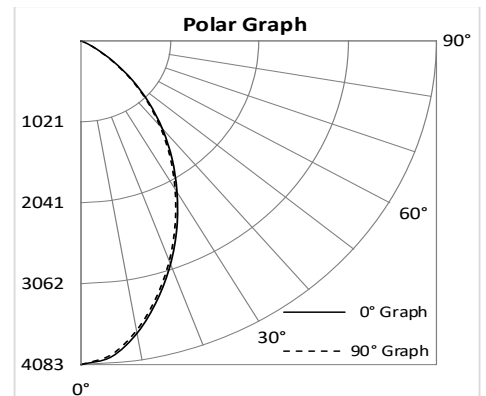
06-CDR10-5L-LKFS-SW

Luminaire Data

Description	Commercial Downlight Lumen/Kelvin Selectable
Total Lumens	4,887
Input Wattage	49
Efficacy (lm/W)	100
Spacing Criterion (0-180°)	0.9
Spacing Criterion (90-270°)	0.88
Photometrics calculated at 2700k - high lumens setting	

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	1,306	26.7%
0-30°	2,479	50.7%
0-40°	3,591	73.5%
20-50°	3,110	63.6%
40-70°	1,291	26.4%
0-60°	4,809	98.4%
0-80°	4,886	100.0%
0-90°	4,887	100.0%
90-180°	0	0.0%
0-180°	4,887	100.0%



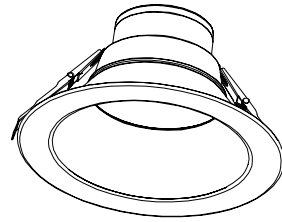
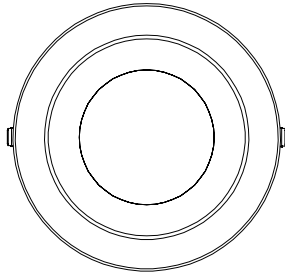
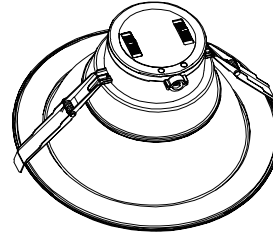
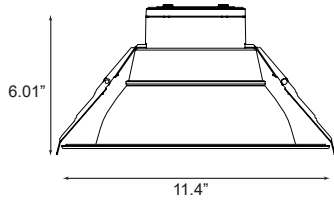


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DIMENSIONAL DRAWINGS



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