



10" Commercial Architectural Round Downlight



LL-CDR10

10" Commercial Architectural Round Downlight

The LITELUME™ LL-CDR10 is perfect for new construction or retrofit. Featuring Field Selectable 3 level lumen output and 5 CCT options ranging from 2700K to 5000K to customize the light and offer maximum versatility. Available in white trim with specular silver reflector & optional black trim ring.



PERFORMANCE DATA

Lumen Output	3000 - 5000 lm
Lumens Per Watt (typical)	102 lm/W
CCT - Field Selectable	2700K 3000K 3500K 4000K 5000K
Lifespan	149,000 hrs

RATINGS & CERTIFICATES

Energy Star • FCC • IC Rated • cETLus Wet • Title 24 • JA8 • Interior / Exterior

APPLICATIONS

New Construction • Retrofit & Remodel

FIXTURE INFORMATION

Size	Housing	Finish	Optics	Trim Type	Trim Color
32W - 48W	White Aluminum	Premium Powder Coat	<ul style="list-style-type: none"> Polycarbonate Diffuser 65° Beam Angle CRI 90 	Specular Reflector	<ul style="list-style-type: none"> White Black
Electrical		Mounting		Operating Temp	Warranty
<ul style="list-style-type: none"> 120-277V 0-10V Dimming 1kV Surge Protection PF >.90, THD < 20% 		<ul style="list-style-type: none"> Recessed in Ceiling, New Construction or Retrofit Access Above Ceiling Required; Covered Ceiling Mount Only Compatible: 8.97" Ceiling Cut-Outs and 10" Mounting Frames 		-4°F to 113°F	10 Year

Standard: 21.65" Flexible Metal Conduit with Additional 6" of Conductor



10" Commercial Architectural Round Downlight

DIMENSIONS

	L (in)	W (in)	H (in)	Weight (lbs)	Cut Out (in)
	11.4	11.4	6.01	2.43	8.97

LUMEN TABLES

Measurements	Low Lumens					Mid Lumens					High Lumens				
	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Lumens	2893	2876	2862	2947	2931	3660	3701	3621	3710	3826	4227	4616	4677	4797	4737
Watts	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

ELECTRICAL DATA

CCT	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
2700K	0.27	0.13	0.11	0.35	0.17	0.15	0.40	0.20	0.17
3000K	0.26	0.13	0.11	0.44	0.22	0.19	0.40	0.20	0.17
3500K	0.26	0.13	0.11	0.34	0.17	0.15	0.39	0.19	0.17
4000K	0.26	0.13	0.11	0.34	0.17	0.15	0.39	0.20	0.17
5000K	0.27	0.13	0.11	0.35	0.17	0.15	0.41	0.20	0.18



10" Commercial Architectural Round Downlight

PHOTOMETRICS

Luminaire Data		Polar Graph	Zonal Lumen Summary		
Description	10" Commercial Architectural Round Downlight		Zone	Lumens	%Fixt
Total Lumens	4887		0-20°	1306	26.7%
Input Wattage	49		0-30°	2479	50.7%
Efficacy (lm/W)	100		0-40°	3591	73.5%
Spacing Criterion (0-180°)	0.9		20-50°	3110	63.6%
Spacing Criterion (90-270°)	0.88		40-70°	1291	26.4%
			0-60°	4809	98.4%
			0-80°	4886	100.0%
		0-90°	4887	100.0%	
		90-180°	0	0.0%	
		0-180°	4887	100.0%	

Photometric calculated at 2700K - high lumens setting.

COMPATIBLE DIMMERS AND CONTROLS

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

REMOTE MOUNT EM DRIVER

Part #	LL-BLEM-INDRV-HV40W



10" Commercial Architectural Round Downlight

PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE

Brand	Fixture Type		Lumen Package
LL LITELUME	CDR10 10" Commercial Architectural Round Downlight		5L 5000 Lumens
Power	CCT	Trim	Accessories
L Lumen Selectable Power	KFS Kelvin Field Selectable	SW Specular Silver Reflector	LL-CDR10-TR-BK Trim Ring Black Finish LL-BLEM-INDRV-HV40W Constant Power Emergency LED Driver 40 Watts

FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage	Beam
LL-CDR10-5L-LKFS-SW	32W/42W/48W	3000/4000/5000	5 CCT	120-277	65 Degree

ACCESSORIES ORDERING INFORMATION

Part #	Description
LL-CDR10-TR-BK	Trim Ring Black Finish LL-CDR10
LL-BLEM-INDRV-HV40W	Constant Power Emergency LED Driver 40 Watts, Input Voltage 120-347V