

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

Bisymmetric Drop Lens 11" Downlight • COB LED
 50,000+ Hours • High Output • 1.0% Dimming, 0-10V
 2 or 3 Step Binning • Wet Listed • LM-80 and LM-79 Certified

LRC-11DLD

Trim Options



-PDL

Specifications

Delivered System Performance

- Lumen Series: **Must Specify**

Type IC	Non-IC
-4000L	-7000L
-3000L	-6000L
-2500L	-5000L
-2000L	
-1500L	
-1000L	

- Select trim & beam distribution: see chart
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 60,000 hour life, 50,000 in insulation (L70)

Thermal Management System

- Aluminum heat sink and components for cool operation, long life, and low maintenance

LED Driver - INTERNAL

- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V CCR 1.0% dimming standard
- Voltage Options: **Must Specify**
- 120: -120V (50-60Hz); load insensitive
- 277: -277V (50-60Hz); load insensitive

Trim Assembly/Optics

- Injection molded polycarbonate drop **bisymmetric** distribution lens
- Rustfree polished nickel stainless door (304-L) with concealed hinges & captive thumb screw
- Beveled cast aluminum frame with white finish

Acrylic Enameled Aluminum Housing

- Rustproof: exceeds 1000 hour ASTM 5% salt spray test; all components fully sustainable
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture

Outlet Box (Galvanized)

- UL Listed, 14GA, insulated, removable cover
- ½" and ¾" knockouts
- Up to 4 #12 AWG through-branch conductors

Installation & Hardware

- Indoor/outdoor in ceilings up to 1½" thick
- Compatible with fire rated enclosures (by others)
- 27" hanger bars & adjusting brackets (2) supplied

UL, C-UL (Canada) & FCC Compliance

- UL Listed: wet, damp or dry locations, covered ceilings
- Type IC up to -4000L; Non-IC for -5000L+
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture

Options and Ordering Configuration

(Example: LRC-11DLD-7000L-120-PDL-WFL-41K-FS)



Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT† & CRI	Driver Options	Emergency Options	Lens & Trim Options	Other Options
LRC-11DLD									
	Non-IC	-120	-PDL	-WFL	80+ CRI*	(Blank): Standard 0-10V CCR 1.0% dim	(Blank): None	(Blank): Standard white aluminum frame with drop polycarbonate lens: bisymmetric distribution	(Blank): None
	-7000L	-277			-27K: 2700°K	-D2: 0-10V 0.1% dim	-E1: Remote emergency inverter for 100% rated lumens up to -3000L; 90+ minutes; N/A for options -FS		Mounting
	-6000L				-30K: 3000°K	-D3: DALI 1.0% dim	-E4: Remote emergency inverter for 100% rated lumens up to -4000L; CEC Compliant; 90+ minutes; N/A for options -FS	Trim Finishes	-RH: Joist mounting hardware instead
	-5000L				-35K: 3500°K	-D4: DALI 100-0.1% dim	-E5: Remote emergency inverter for 100% rated lumens up to -5000L; 90+ minutes; N/A for options -FS	-35T: Silver enamel frame	Other Options *
	Type IC				-40K: 4000°K	-D5: DMX512A 0.1% dim; -4000L max	-EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes; -5000L and below only	-37T: Dark bronze enamel frame	-99: Special modification; consult factory
	-4000L				-50K: 5000°K	-D6: Triac/ELV dim; 120 volt only ; -4000L max	-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	-38T: Black enamel frame	-AWN: Athena Wireless Node; N/A for Dimming Options D5, D6, ECO
	-3000L				*Note: Lumen Factor = 0.93 for -27K	-ECO: Lutron EcoSys; Dim-to-black; -4000L max		-94: Custom color; consult factory	-FS: Fused primary; One per fixture; N/A for Options -E1, -E14, -E15
	-2500L				90+ CRI**			Other Trim Features	*Note: For other integrated control solutions, such as nLight, contact factory
	-2000L				-27K-HC: 2700°K			-26: Tamper resistant center pin button head screw; 1 key/10 fixtures	
	-1500L				-30K-HC: 3000°K			-32: White trim extender; specify OD	
	-1000L				-35K-HC: 3500°K			-45: Gasket between trim & ceiling	
					-40K-HC: 4000°K			-46: Gasket between lens & trim	
					-50K-HC: 5000°K (N/A for -3000L)				
					**Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85				

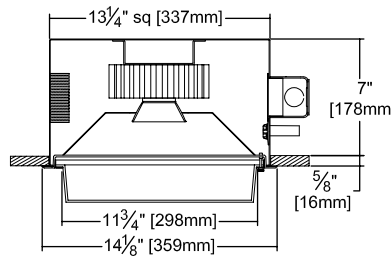
† For 2 SDCM, consult factory

Performance Factors

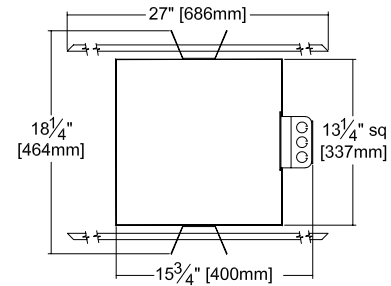
NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-7000L	1.00	80.2	1.00
-6000L	0.89	69.1	1.02
-5000L	0.73	54.4	1.06
-4000L	0.54	36.7	1.17
-3000L	0.41	27.5	1.16
-2500L	0.36	24.7	1.15
-2000L	0.31	20.3	1.20
-1500L	0.23	14.4	1.24
-1000L	0.17	10.7	1.22

* See notes on page 1 for additional info on Lumen Factors

Dimensions



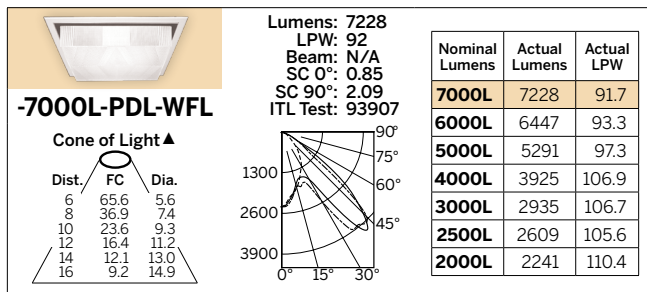
Ceiling Cut-Out
13 3/4" Sq. (-PDL)



Photometry - Installed Complete Fixture

Photometry from I.T.L., Boulder, CO

LM-79 IESNA Certified Photometry from Independent Lab



LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

▲ Cone of Light Key
Dist. Distance (Ft.) from fixture
Dia. (in ft.) shown is where FC value is half the FC at nadir.
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within the warranty period. Liability of manufacturer is limited to the foregoing and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is applied to the buyer in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation, or repair or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.