

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

# Choice Series

## Open 2" Pinhole Downlight • COB LED

50,000+ Hours • Type IC • 1.0% Dimming, 0-10V

2 or 3 Step Binning • Wet Listed • LM-80 and LM-79 Certified

### Specifications

#### Delivered System Performance

• Lumen Series: **Must Specify**

**Type IC**

-2500L

-2000L

-1500L

-1200L

-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

#### 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**
- UNV: -120-277/50-60Hz; load insensitive
- 120: -120V input (50-60Hz); for -D6 only

#### Trim Assembly

- White die-cast aluminum; matte black inner cone above
- Optional colors and finishes available

#### Acrylic Enamelled Aluminum Housing

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

#### Outlet Box (Galvanized)

- UL Listed, 14GA, insulated, removable cover
- 1/2" and 3/4" knockouts
- Up to 4 #12 AWG through-branch conductors

#### Installation & Hardware

- Indoor/outdoor in ceilings up to 1 1/8" thick
- Compatible with fire rated enclosures (by others)
- 27" hanger bars & adjusting brackets (2) supplied

# LRC-02PND

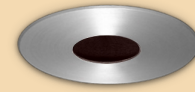
### Trim Options



-PNR



-PNS



-PNR-BN  
(Brushed Nickel Finish)

#### UL, C-UL (Canada) & FCC Compliance

- UL Listed: wet, damp or dry locations, covered ceilings
- Type IC up to -2500L
- FCC Part 15 certified for EMI/RFI emissions

#### FIVE YEAR Limited Warranty

- Complete standard fixture



Made in the USA



FCC Part 15 Certified



UL Listed Wet, Damp, Dry

## Options and Ordering Configuration

(Example: LRC-02PND-2000L-UNV-PNR-NFL-30K-BN-AT)

Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT† & CRI	Driver Options	Emergency Options	Trim Finish Options	Other Options
LRC-02PND									
	Type IC	-UNV	-PNR	-SPT	80+ CRI*	(Blank): Standard 0-10V CCR 1.0% dim	(Blank): None	(Blank): Standard white die-cast aluminum; with matte black inner cone	(Blank): None
	-2500L	-120	-PNS	-NFL	-27K: 2700°K	-D2: 0-10V 0.1% dim	-EI: Remote emergency inverter: For 100% rated lumens up to -2500L; 90+ minutes; N/A for options -FS	Trim Finishes	Mounting
	-2000L			-MFL	-30K: 3000°K	-D3: DALI 1.0% dim	-EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes	-35T: Silver enamel trim	-79: Extension collar; ceilings up to 2" thick
	-1500L			-WFL	-35K: 3500°K	-D4: DALI 100-0.1% dim	-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	-37T: Dark bronze enamel trim	-RH: Joist mounting hardware instead
	-1200L				-40K: 4000°K	-D5: DMX512A 0.1% dim	-ECO: Lutron EcoSys; Dim-to-black	-38T: Black enamel trim	Other Options
	-1000L				-50K: 5000°K			-94: Custom color; consult factory	-99: Special modification; consult factory
					*Note: Lumen Factor = 0.93 for -27K			-BN: Brushed satin nickel finish	-AT: Air Tight version; Meets ASTM E283 airflow restriction of 2CFM max
					90+ CRI**			Other Trim Features	-FS: Fused primary; One per fixture; N/A for Option -EI
					-27K-HC: 2700°K			-32: White trim extender; specify OD	
					-30K-HC: 3000°K			-45: Gasket between trim & ceiling	
					-35K-HC: 3500°K			-DF: Electrically isolated trim	
					-40K-HC: 4000°K				
					-50K-HC: 5000°K (-2500L or below)				
					**Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85				

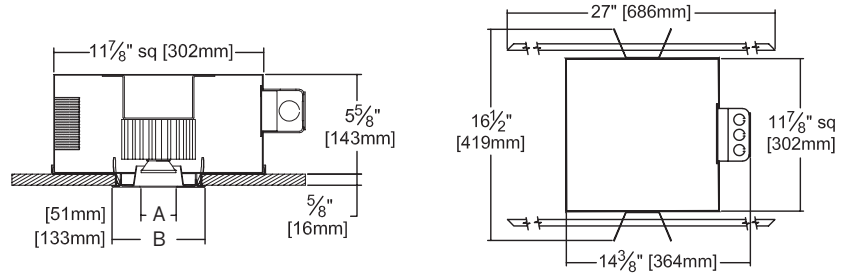
† For 2 SDCM, consult factory

## Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2500L	1.31	27.5	0.98
-2000L	1.16	24.7	0.96
<b>-1500L</b>	<b>1.00</b>	<b>20.7</b>	<b>1.00</b>
-1200L	0.73	14.4	1.03
-1000L	0.53	10.7	1.02

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

## Dimensions

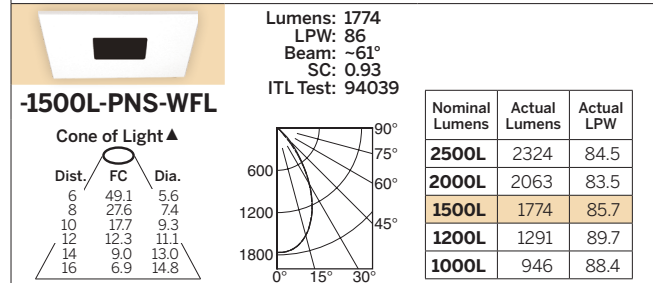
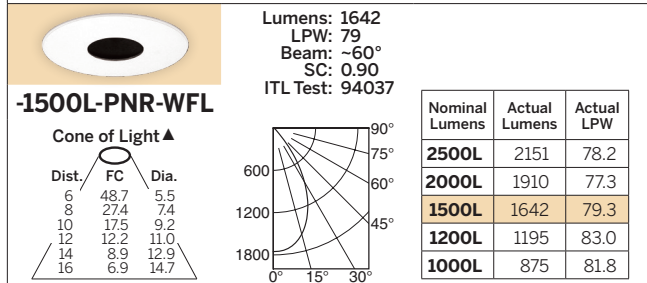
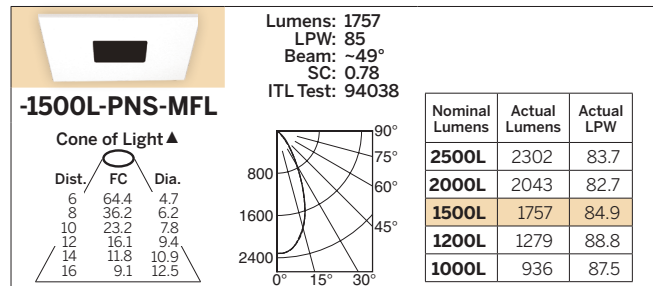
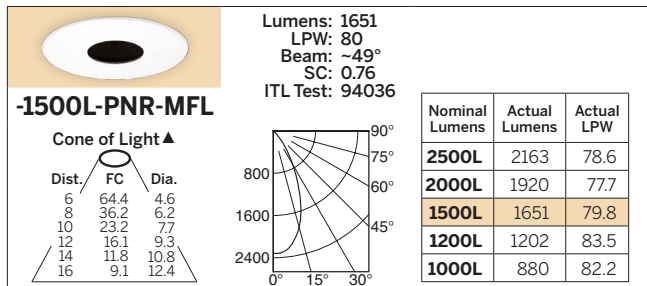
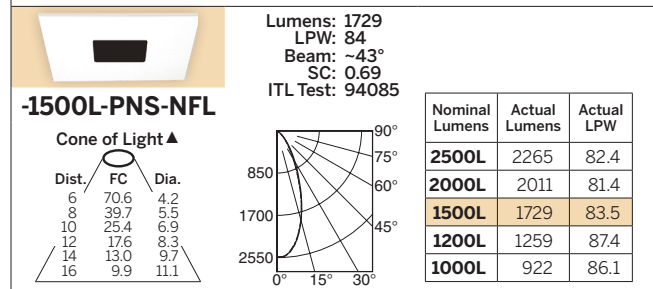
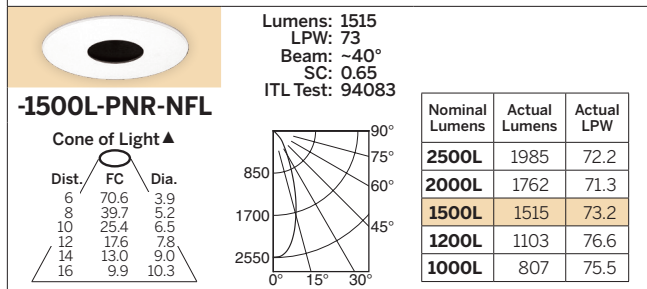
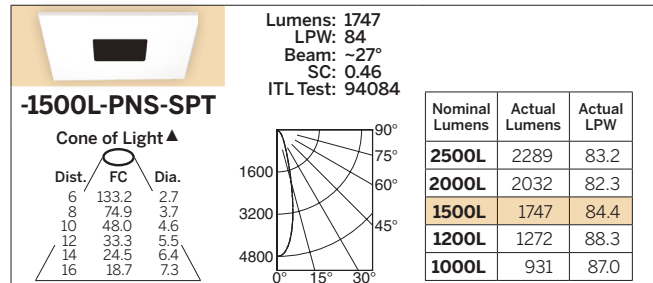
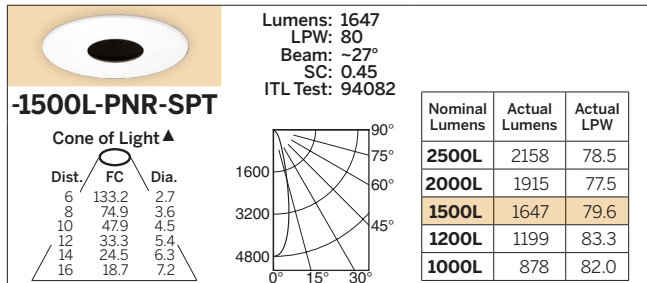


Trim Style	Ceiling Cut-Out	Dimension A	Dimension B
-PNR	5" Dia.	2"	5 1/4"
-PNS	5" Dia.	2"	5 1/2"

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

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR A PERIOD OF TWO (2) YEARS FROM DATE OF PURCHASE. INSTALLATION MUST BE IN ACCORDANCE WITH THE IESNA LM-79 METHOD. THE WARRANTY IS VOID IF THE FIXTURE IS NOT INSTALLED IN ACCORDANCE WITH THE IESNA LM-79 METHOD. THE WARRANTY IS VOID IF THE FIXTURE IS NOT INSTALLED IN ACCORDANCE WITH THE IESNA LM-79 METHOD. THE WARRANTY IS VOID IF THE FIXTURE IS NOT INSTALLED IN ACCORDANCE WITH THE IESNA LM-79 METHOD.

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JUNE 2023