

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Choice Series

2" Pinhole Adjustable Downlight • COB LED

45° Max Tilt • 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/Optics

- White die-cast aluminum; matte black inner cone above
- Optional colors and finishes available
- Optics self-align with trim; hot aiming by hand
- Tilts 0-45°; rotates 360°; locks in place
- Accommodates sloped ceilings to 45°

Acrylic Enameled 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
- 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

LRC-02PNA

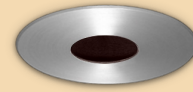
Trim Options



-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-02PNA-2000L-UNV-PNR-NFL-30K-32-AT)

Must Specify						Optional			
Model	Lumens	Volts	Trim	Beam	CCT [†] & CRI	Driver Options	Emergency Options	Trim Finish Options	Other Options
LRC-02PNA									
	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		Mounting
	-2000L			-MFL	-30K: 3000°K	-D3: DALI 1.0% dim		Trim Finishes	-RH: Joist mounting hardware instead
	-1500L			-WFL	-35K: 3500°K	-D4: DALI 100-0.1% dim	-EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes	-35T: Silver enamel trim	Other Options
	-1200L				-40K: 4000°K	-D5: DMX512A 0.1% dim	-ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	-37T: Dark bronze enamel trim	-99: Special modification; consult factory
	-1000L				-50K: 5000°K	-D6: Triac/ELV dim - 120 volt only		-38T: Black enamel trim	-AT: Air Tight version; Meets ASTM E283 airflow restriction of 2CFM max
					*Note: Lumen Factor = 0.93 for -27K	-ECO: Lutron EcoSys; Dim-to-black		-94: Custom color; consult factory	-FS: Fused primary; One per fixture; N/A for Option -EI
					90+ CRI**			-BN: Brushed satin nickel finish	
					-27K-HC: 2700°K			Other Trim Features	
					-30K-HC: 3000°K			-32: White trim extender; specify OD	
					-35K-HC: 3500°K			-45: Gasket between trim & ceiling	
					-40K-HC: 4000°K			-DF: Electrically isolated trim	
					-50K-HC: 5000°K (-2500L or below)				
					**Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85				

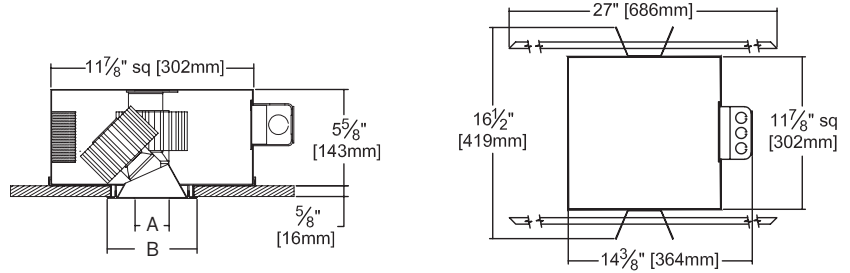
† For 2 SDCM, consult factory

Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2500L	1.31	27.5	0.98
-2000L	1.16	24.7	0.96
-1500L	1.00	20.7	1.00
-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

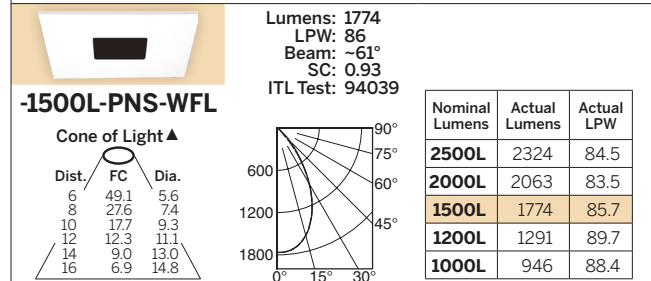
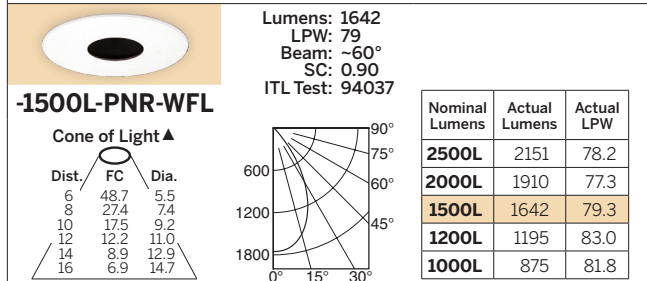
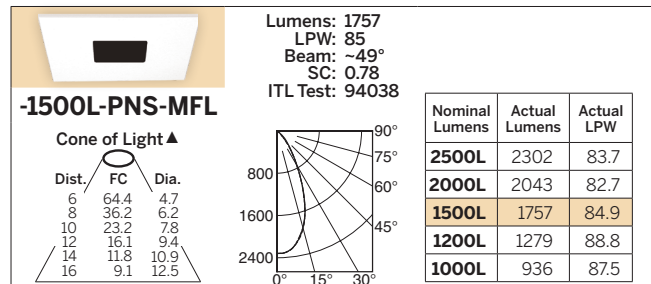
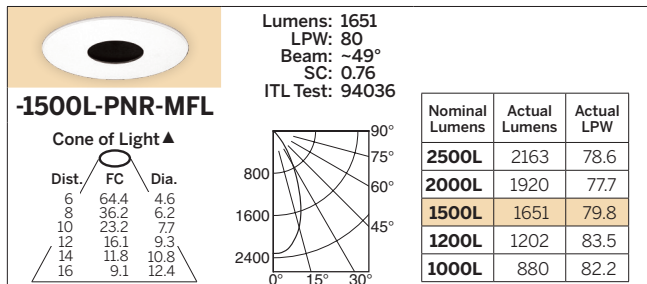
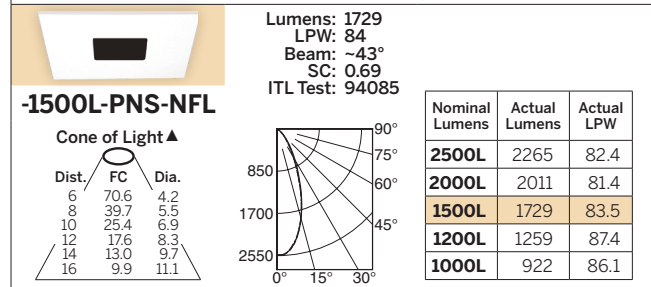
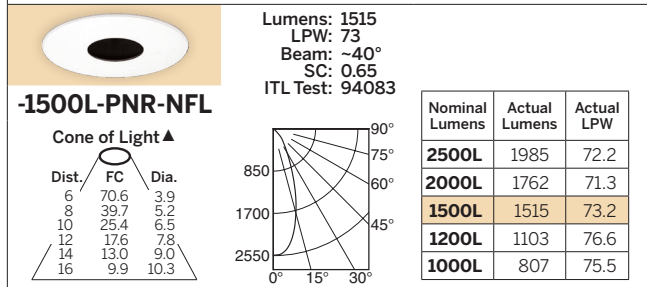
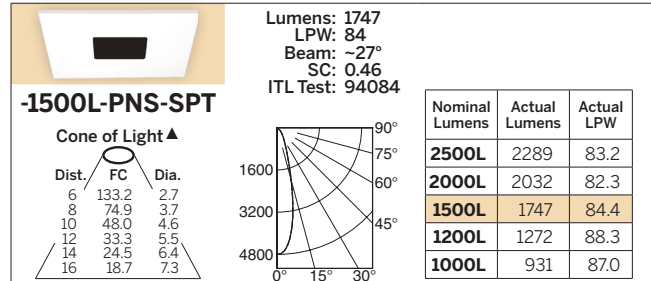
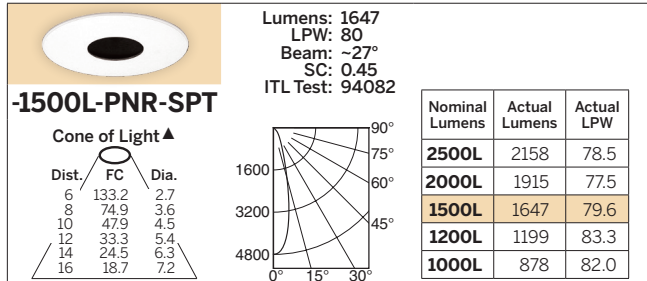


Trim Style	Ceiling Cut-Out	Dimension A	Dimension B
-PNR	5" Dia.	2"	5 1/4"
-PNS	5" Dia.	2"	5 1/2"

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

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR 5 YEARS FROM DATE OF PURCHASE. INSTALLATION, USE, MANUFACTURER'S REPAIR, OR REPAIR OF THE FIXTURE WITHOUT THE PURCHASER'S WRITTEN AUTHORIZATION FROM THE MANUFACTURER WILL VOID THE WARRANTY. THE PURCHASE PRICE OR REPRESENTATION OF THE PURCHASE PRICE AND DEFECTIVE FIXTURE AT THE OFFICE OF THE MANUFACTURER WITHIN THE 90-DAY PERIOD OF ORIGINAL INSTALLATION SHALL NOT BE THE BASIS FOR ANY OTHER CLAIMS, DIRECT OR INDIRECT, SUSAINED OR SUSPENDED 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 VOID THE WARRANTY.

CHOICE SERIES
JUNE 2023