

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

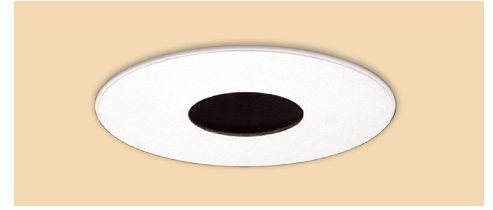
Latitudes Series

Pinhole Open Appearance 2" Downlight • LED

Up to 90,000 Hour Rated Life • Type IC • AirTight Optional

Wet Listed • LM-79 Certified • LM-80 Qualified

LRR-02007



Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify**

Type IC

-1500L

-1000L

- Select trim & beam distribution: NFL
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 90,000 Hour Rated Life (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 10% dimming standard
- 120-277V / 50-60 Hz standard; load insensitive

Trim Assembly

- White die cast flat aluminum (field paintable)
- Low brightness black inner bevel and cone with clear lens above

Acrylic Enameled Aluminum Housing

- Rustproof and corrosion resistant: exceeds 1000 hour ASTM 5% salt spray test
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Built-in plaster flange

Outlet Box (Galvanized)

- UL Listed, 14GA, insulated, removable cover
- ½" and ¾" knockouts

Installation & Hardware

- Indoor/outdoor in ceilings up to 1½" thick or see Option -79
- Compatible with fire rated enclosures (by others)
- 27" hanger bars & adjusting brackets (2) supplied

UL, C-UL (Canada) Compliance

- UL Listed: wet, damp or dry locations, covered ceilings
- Type IC for direct contact with insulation
- Through-branch conductors (4 #12 AWG 90°C) for Type IC Listing

IEC & FCC Compliance

- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture

Options and Ordering Configuration

(Example: LRR-02007-1500L-120-NFL-35K-30T-RH-AT)

Must Specify				Optional			
Model	Lumens	Volts	CCT† & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRR-02007							
	-1500L -1000L	-120 -277 -97†: Other Voltage	(Blank): 3500°K, 80+ CRI 80+ CRI* -27K: 2700°K -30K: 3000°K -35K: 3500°K -41K: 4000°K -50K: 5000°K *Note: Lumen Factor = 0.93 for -27K 90+ CRI** -27K-HC: 2700°K -30K-HC: 3000°K -35K-HC: 3500°K -41K-HC: 4000°K -50K-HC: 5000°K **Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85; consult factory	(Blank): Standard 0-10V CCR 10% dim -D1†: 0-10V 1.0% dim -D2†: 0-10V 0.1% dim -D3†: DALI 1.0% dim -D4†: DALI 100-0.1% dim -D5†: DMX512A 0.1% dim -D40: -40°C (-40°F) driver; 0-10V 10% dim	(Blank): None -EI: Remote emergency inverter for 100% rated lumens; Run time: 90+ minutes; N/A for options -FS, -97 -EM: Internal emergency battery pack; Delivers 500 lumens; Run time: 90+ minutes -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; Run time: 90+ minutes	(Blank): Standard white die cast aluminum; matte black inner cone Trim Finishes -30T: White enamel trim -35T: Silver enamel trim -37T: Dark bronze enamel trim -38T: Black enamel trim -94: Custom color; consult factory -BN: Brushed satin nickel finish Other Trim Features -32: White trim extender, specify OD -45: Gasket between trim & ceiling -CF: Custom color filter (Rosco); Specify -DF: Electrically isolated trim	(Blank): None Mounting -79: Extension collar for ceilings up to 2" thick -RH: Joist mounting hardware instead Other Options -99: Special modification; consult factory -AT: Air Tight version; Meets ASTM E283 airflow restriction of 2CFM max -AWN: Athena Wireless Node; N/A for Dimming Options D5, -D40 -FS: Fused primary; One per fixture; N/A for option -EI -NAT: Modified for natatorium use, including a lens on the trim *Note: For other integrated control solutions, such as nLight, contact factory
Projected L70** for Kirlin Luminaires In Open Plenum 90,000 hours In Insulation (Type IC) 70,000 hours **Hours at 70% lumen maintenance				†Consult factory for use with -2000L			



Natatorium
See Option -NAT



Made in the USA
BABAA Compliant



FCC Part 15
Certified



UL Listed
Wet, Damp, Dry

Dimensions

Technical drawing of a 1/2 inch square hole in a 1/2 inch thick plate. The drawing shows a top view and a side view. The top view shows a square hole with a side length of 1 1/8 inches (302mm). The side view shows the hole's depth of 5/8 inch (143mm). The plate thickness is 5/8 inch (16mm). The hole is centered on the plate. The drawing includes dimension lines and labels for all measurements.

27" [686mm]

16 1/2" [419mm]

14 3/8" [364mm]

11 7/8" sq [302mm]

Photometry - Installed Complete Fixture

-1500L-NFL

Cone of Light ▲

Dist.	FC	Dia.
6	278.9	2.0
8	156.9	2.7
10	100.4	3.3
12	69.7	4.0
14	51.2	4.7
16	39.2	5.3

Lumens: 1253
LPW: 60
Beam: ~19°
SC: 0.3
ITL Test: 87218

Nominal Lumens	Actual Lumens	Actual LPW
1500L	1253	60.2
1000L	726	70.5

▲ Cone of Light Key
Dia. (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 AIRLINER 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 its option will replace or repair such failure or defect at the purchase price or a presentation of proof of purchase and defective nature at the offices of manufacturer within the years of original shipment. 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 applicable 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 approval by the manufacturer will void the warranty and render the manufacturer not responsible therefor. The remainder hereof will render the warranty null and void.