

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series

"Dead Front" 5" Showerlight • LED

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

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

LRR-05010



Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify**

Type IC

-1500L

-1000L

- Select trim & beam distribution: MFL
- 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

- Electrically non-conducting "dead front" design
- Rustproof; Gasketed
- White polycarbonate trim with radial clear polycarbonate lens

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
- 1/2" and 3/4" knockouts

Installation & Hardware

- Indoor/outdoor in ceilings up to 1 1/8" thick or see Option -79
- Compatible with fire rated enclosures (by others)
- 27" hanger bars & adjusting brackets (2) supplied

Quick Ship Eligible

- Eligible for Quick Ship of 2 weeks or less
- Quantity requirements: 10 - 100 pieces
- Requires choosing options in **red** on the next page and including the -QS option code

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

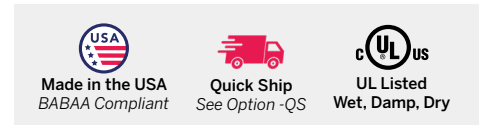
- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture

Options and Ordering Configuration

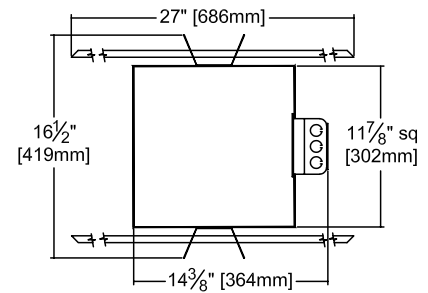
(Example: LRR-05010-1500L-120-MFL-35K-32-RH-AT)



Must Specify				Optional			
Model	Lumens	Volts	CCT† & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRR-05010							
	-1500L -1000L	-120 -277 -97†: Other Voltage	(Blank): 3500°K, 80+ CRI	(Blank): Standard 0-10V CCR 10% dim -D1: 0-10V 1.0% dim -D2: 0-10V 0.1% dim	(Blank): None -EI: Remote emergency inverter for 100% rated lumens; Run time: 90+ minutes; N/A for options -FS, -97 -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; Run time: 90+ minutes	(Blank): White polycarbonate trim with radial clear polycarbonate lens Other Trim Features -32: White trim extender, specify OD	(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 -FS: Fused primary; One per fixture; N/A for option -EI -QS: Quick Ship; Options must be only red items; Quantities of 10-100
			80+ CRI*				
			-27K: 2700°K				
			-30K: 3000°K				
			-35K: 3500°K				
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					

Dimensions

Ceiling Cut-out
6 1/2" Dia.



Photometry - Installed Complete Fixture

-1500L-MFL

Cone of Light ▲

Dist.	FC	Dia.
6	17.9	4.5
8	10.1	5.9
10	6.5	7.4
12	4.5	8.9
14	3.3	10.4
16	2.5	11.9

Lumens: 1078
LPW: 52
Beam: ~41°
SC: 0.7
ITL Test: 87222

The diagram shows a beam spread cone with angles of 0°, 15°, 30°, 45°, 60°, 75°, and 90°. The beam diameter is indicated at various distances: 6, 8, 10, 12, 14, and 16 feet. The beam diameter at 10 feet is 7.4 feet.

▲ **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 CATALOSED KRL IN LINE 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 this option will replace or repair such failure or defect at the purchase price or presentation of proof of purchase and defective nature at the office of manufacturer with five 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 of the manufacturer will void the warranty. The manufacturer will not be responsible for the transportation of the fixture.