

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series

Lensed 6" Wall Wash • LED

Up to 90,000 Hour Rated Life • Type IC • Air Tight Optional
3 Step Binning • Wet Listed • LM-80 and LM-79 Certified

LRR-06039



Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify**

Type IC
-2000L
-1500L
-1000L

- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 90,000 Hour Rated Life (L70**)
- Center beam optics positioned at 20°

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/Optics

- Clear specular aluminum trim
- Self-flanged, low glare angle-cut cone with lens above
- Optional colors and finishes available

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
- 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
- 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

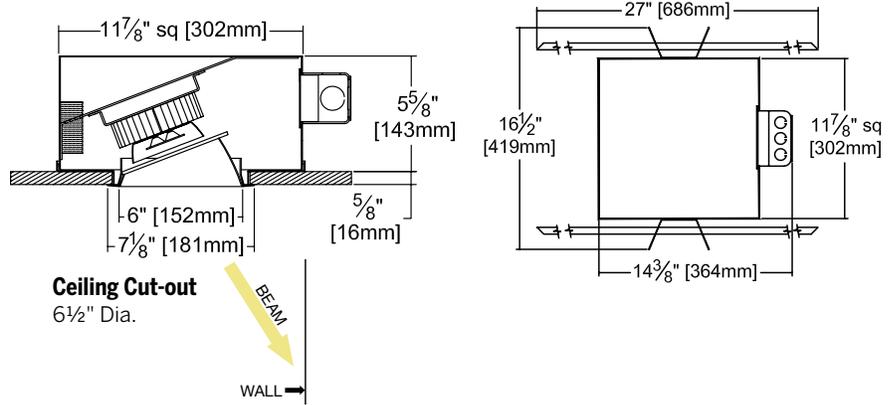
(Example: LRR-06039-1500L-277-41K-70T-RH-AT)

Must Specify				Optional			
Model	Lumens	Volts	CCT† & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRR-06039	-2000L -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 -41K-HC: 4000°K -50K-HC: 5000°K (-2500L or below) **Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85; consult factory	(Blank): Standard 0-10V CCR 1.0% 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 driver with 0-10 V 10% dimming instead	(Blank): None -E1: Remote emergency inverter for 100% rated lumens up to -2500L; 90+ minutes; N/A for options -FS -EM: Internal emergency battery pack; Delivers 700 lumens; CEC Compliant; 90+ minutes -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	(Blank): Standard clear specular cone; microprismatic lens Trim Finishes -30F: White enamel flange (flange only) -30T: White enamel trim (complete trim) -35F: Silver enamel flange (flange only) -35T: Silver enamel trim (complete trim) -37F: Dark bronze enamel flange (flange only) -37T: Dark bronze enamel trim (complete trim) -38F: Black enamel flange (flange only) -38T: Black enamel trim (complete trim) -70T: Clear semi-specular SofTex™ trim -94: Custom color; consult factory 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 -RH: Joist mounting hardware instead Other Options -99: Special modification; consult factory -AT: Air Tight version; Exceeds 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 -E1 *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					
				† Consult factory for use with -2000 L			

Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2000L	1.257	28.7	0.92
-1500L	1.00	21.0	1.00
-1000L	.579	10.4	1.17

Dimensions

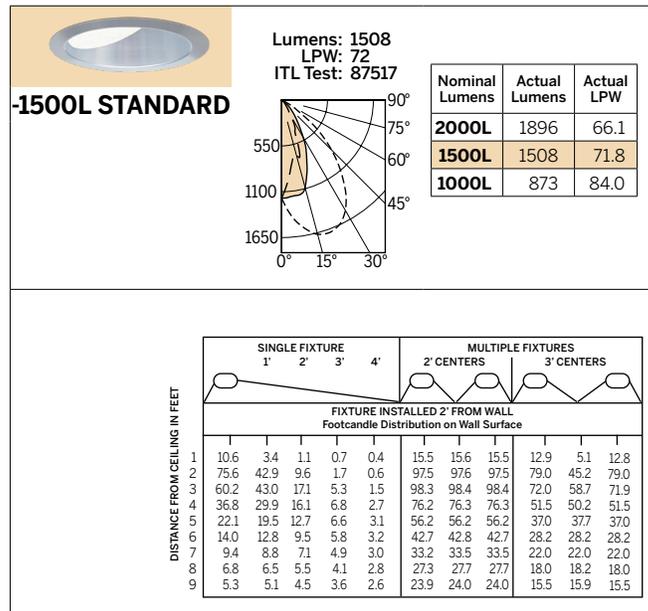


* See notes on page 1 for additional info on Lumen Factors

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.

LIMITED WARRANTY: CATALOGUED 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 the 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 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 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.

LATTITUDES
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