

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

# Latitudes Series

## Shallow Lensed 12" • LED

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

# LSR-12184



## Specifications

### Delivered System Performance

- Nominal Lumens: **Must Specify**  
-1500L  
-1100L
- Distribution: WFL
- Color temperature: 3500°K standard  
-Optional: -30K; CRI 80+
- 50,000 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 linear dimming standard (100-1%)
- 120-277V / 50-60 Hz standard; load insensitive or see Option -97



### Trim Assembly

- White flat seamless aluminum, one piece self-flanged.
- High strength .187" prismatic acrylic lens

### Aluminum Housing

- Seamless white acrylic enameled. See Optional finishes
- Rustproof and corrosion resistant: exceeds 1000 hour ASTM 5% salt spray test
- Water-right construction with weatherproof closed cell top gasket for wet location use
- No visible cylinder hardware
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Lightweight: minimizes ceiling load

### Installation

- Direct mount to any J-box pattern
- Suitable for indoor or outdoor use
- Optional pendant (-PM) mount

### UL, C-UL (Canada) Listings

- Wet listed in surface or pendant mount

### 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: LSR-12184-1500L-277-WFL-30K-35-87-PM-NAT)



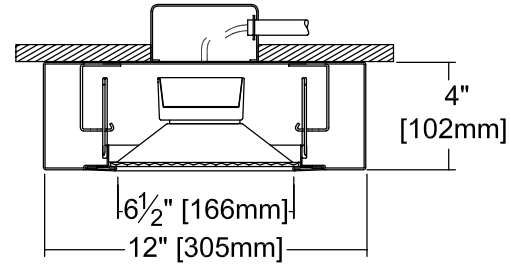
Must Specify				Optional			
Model	Lumens	Volts	CCT <sup>†</sup> & CRI	Emergency Options	Luminaire (Housing) Finishes	Mounting Options	Other Options
LSR-12184	-1500L -1100L	(Blank): 120-277  -120 -277 -97 <sup>†</sup> ; Other Voltage	(Blank): 3500K, 80+ CRI  -30K: 3000°K -35K: 3500°K	(Blank): None  -EI: Remote emergency inverter for 100% rated lumens (direct position); Run time: 90+ minutes; 120 or 277V, 60 Hz input only. Specify voltage. N/A for option -FS	(Blank): White aluminum self-flanged trim  -35: Silver acrylic enamel -37: Dark bronze enamel -38: Black enamel trim -94: Custom color; consult factory	(Blank): Center point mounting  -54: Safety cable from fixture through pendant stem and 12" beyond. Use with -PM -80: 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's. -87: Custom pendant/cable/wall bracket length. Specify length. Use with Option -PM -88: Swivel canopy for sloped ceilings up to 40°. Use with Option -PM -PM: Pendant mount. 8" stem or see Option -87.	(Blank): None  -99: Special modification; consult factory -FS: Fused primary; One per fixture; N/A for option -EI -NAT: Modified for natatorium use

<sup>†</sup>Consult factory

## Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-1500L	1.00	14.8	1.00
-1100L	0.73	10.8	1.00

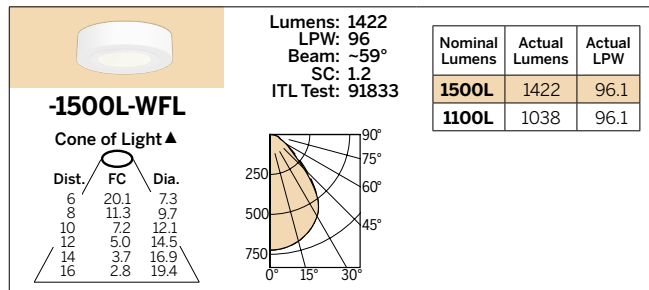
## Dimensions



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

## Photometry - Installed Complete Fixture

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**  
 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 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 his 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 warranty period. 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. NOVEMBER 2024