

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series LED Lighting

Open Appearance 12"x 20" Cylinder

Up to 60,000 Hour Rated Life • Wet Listed
LM-80 and LM-79 Certified

LSR-12481



Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify**
 - 6500L
 - 5000L
 - 3500L
 - 2500L
- Select trim & beam distribution: see chart
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 60,000 Hour Rated Life (L70)

Thermal Management System

- All aluminum heat sink and components for cool operation, long life, 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 and Optical Assembly

- High efficiency low brightness clear aluminum self-flanged reflector with tempered prismatic spread lens above

Aluminum Housing

- Seamless white acrylic enameled finish
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- Interlocking flare trim
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire
- Lightweight: minimizes ceiling load

Installation

- Center point mounting for snug fit to ceiling; mounting hardware furnished
- Indoor or outdoor for covered ceiling use (see Option -89)

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings (see Option -89)

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-12481-3500L-277-50K-37-80-89)

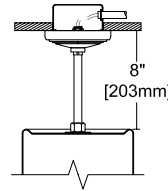
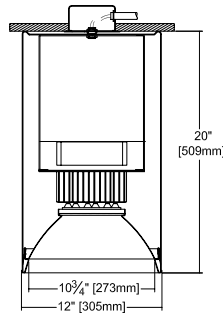


Must Specify				Optional					
Model	Lumens	Volts	Beam	CCT & CRI	Driver Options	Emergency Options	Housing/Trim/Lens	Mounting Options	Other Options
LSR-12481	-6500L -5000L -3500L -2500L	-120 -277 -97† Other Voltage	(Blank): MFL -SPT -NFL -MFL	(Blank): 3500K, 80+ CRI 80+ CRI* -27K: 2700°K -30K: 3000°K -35K: 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% dimming instead; consult factory for -6500L lumen series; consult factory for use with pendant, cable mount -D40: -40°C driver with 0-10V 10% dimming instead for -3500L or -2500L only -ECO: For use with Lutron EcoSystem controls; Dim to 1% or consult factory; -3500L max	(Blank): None -EI: Remote inverter for 40% of rated lumens for -6500L, 50% for -5000L and -3500L; not available for -2500L; 90+ minutes; 120 or 277V, 60Hz input only N/A for option -FS -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes; N/A with pendant, cable mount	(Blank): Clear aluminum self-flanged reflector with prismatic spread lens Housing Finishes -35: Silver enamel finish -37: Dark bronze enamel finish -38: Black enamel finish -94: Custom color/finish; specify; consult factory Trim Options -30: All white acrylic enameled cone -70: Softex™ clear self-flanged cone -94: Custom color/finish; specify; consult factory Lens Options -23: Frosted microprismatic lens instead -WA: White acrylic diffuser instead; will produce wide flood distribution	(Blank): Standard surface -80: 2" collar for mounting beneath surface outlet box. ½" T.S. KO's; add -89 for wet label -87: Custom length pendant/cable; for -ASB, -ASW, -PM -88: Swivel canopy for sloped ceilings to 40°; with -PM -89: WeatherCap cover for wet label; for -80, -PM, -WB for wet label -ASB: Aircraft cable, black cord; 48" or see -87; no wet label -ASW: Aircraft cable, white cord; 48" or see -87; no wet label -PM: Pendant stem; 8" stem or see -87; add -89 for wet label -WB: Wall mounted; add -89 for wet label	(Blank): None -54: Safety cable from fixture through pendant stem and 12" beyond; use with -PM -99: Special modification; consult factory -FS: Single in-line fuse; N/A for Option -EI

Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-6500L	1.00	73.7	1.00
-5000L	0.766	57.0	0.991
-3500L	0.614	42.6	1.062
-2500L	0.489	34.8	1.038

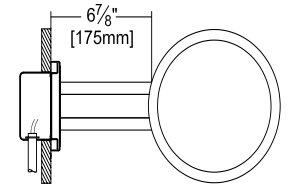
Dimensions



Representative Views:

(Left) With optional pendant mount (Option -PM)

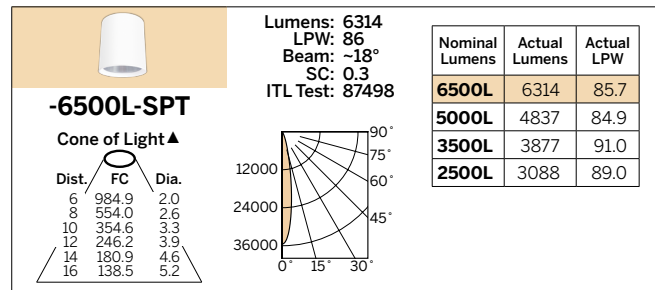
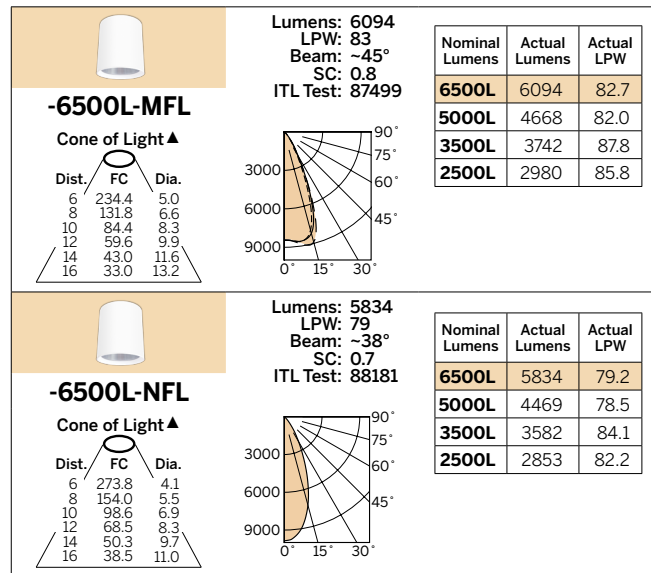
(Right) With optional wall bracket (Option -WB)



Photometry - Installed Complete Fixture

Photometry from UL Verification Services, Allentown, PA

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