

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series LED Lighting

Regressed Lens 7" x 14" Surface Square

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

Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify -2500**
- Select trim & beam distribution: WFL
- 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 Lens Assembly

- Seamless tapered aluminum self-flanged trim with white finish
- Regressed tempered prismatic spread lens

Aluminum Housing

- Rigid, tempered extruded 6063-T6 with white acrylic enameled finish
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- No visible housing 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)

LSS-07545



UL, C-UL (Canada) Listings

- Wet listed in surface of 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

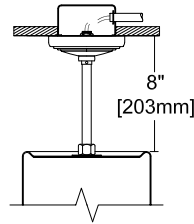
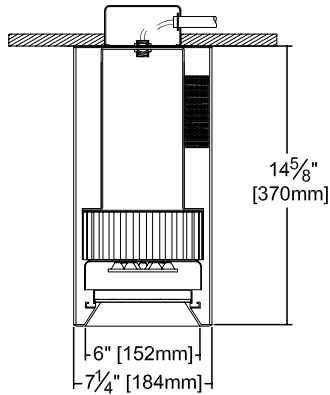
Options and Ordering Configuration

(Example: LSS-07545-2500L-120-30K-35-PM-54)



Must Specify				Optional				
Model	Lumens	Volts	CCT & CRI	Driver Options	Emergency Options	Housing/Trim/Lens	Mounting Options	Other Options
LSS-07545								
	-2500L	-120 -277 -97†: Other Voltage	(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% dim; consult factory for use with pendant, cable mount -D40: -40°C driver with 0-10V 10% dimming instead -ECO: For use with Lutron EcoSystem controls; Dim to 1% or consult factory	(Blank): None -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes; N/A with pendant, cable mount	(Blank): Standard white enamel trim with tempered prismatic 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 -46: Gasket between trim and lens Lens Options -13: Clear polycarbonate beneath standard lens -23: Frosted microprismatic lens instead -CF: Custom color filter (Rosco); specify -WA: White acrylic diffuser instead	(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: Sealed top WeatherCap; must add -80, -PM and -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

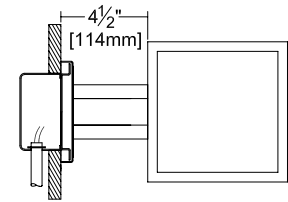
Dimensions



Representative Views:

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

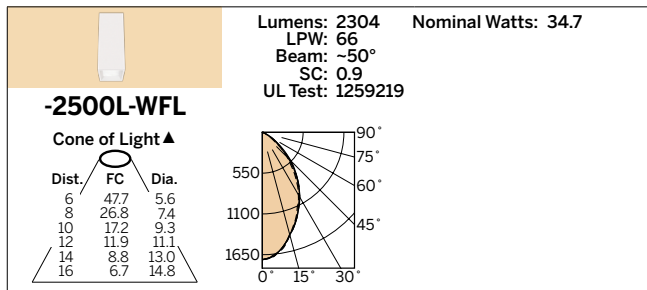
(Right) With optional
wall bracket
(Option -WB)



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

Dist. Distance (ft.) from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

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LIMITED WARRANTY CATALOGED AIRLINER TOWERS 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 fixture or refund the purchase price in proportion to period of purchase and defective failure at the offices of manufacturer within 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 shall not be extended to the fixture 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 consent of manufacturer shall void this warranty.

LATITUDES
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