

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series LED Lighting

Surface Square "K-Lens" Downlight

Up to 60,000 Hour Rated Life • Surface, Pendant, or Wall Mount
3500-6500L • Wet Listed • LM-80 and LM-79 Certified

LSS-13560



Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify**
 - 6500L
 - 5000L
 - 3500L
- 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 Assembly

- Shock-resisting, UV absorbing prismatic convex widespread Kirlin lens; see Options for others
- Rustfree polished nickel stainless door (304-L) and captive thumb screw; concealed hinges for fast relamping
- Beveled cast aluminum frame tooled to ensure close fit with door; white acrylic finish

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

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: LSS-13560-6500L-120-30K-94)

Vandal Resistant

Made in the USA
BABAA Compliant

FCC Part 15
Certified

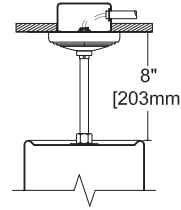
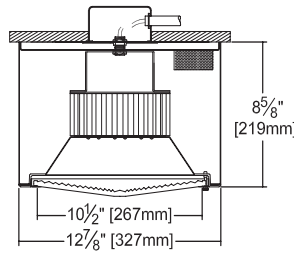
UL Listed
Wet, Damp, Dry

Must Specify				Optional				
Model	Lumens	Volts	CCT & CRI	Driver Options	Emergency Options	Housing Finishes	Mounting Options	Other Options
LSS-13560								
	-6500L -5000L -3500L	-120 -277 -97†: Other Voltage	(Blank): 3500K, 80+ CRI 80+ CRI* -27K: 2700°K -30K: 3000°K -35K: 3500°K -41K: 4100°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: 4100°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 -6500L, pendant, or cable mount -D40: -40°C driver with 0-10V 10% dimming instead for -3500L only -ECO: Digital driver for Lutron EcoSystem controls. Dims to 1% or consult factory. -3500L max	(Blank): None -EI: Remote emergency inverter for 40% of rated lumens for -6500L, 50% for -5000L and -3500L; Run time: 90+ minutes. 120 or 277V, 60Hz input only; Specify voltage; N/A for Option -FS -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes; N/A with pendant, cable mount	(Blank): Standard white enamel Housing Finishes -35: Silver enamel finish -37: Dark bronze enamel finish -38: Black enamel finish -94: Custom color/finish; specify; consult factory Lens Options (Blank): Standard prismatic convex widespread Kirlin lens -13: Vandal Resistant tempered prismatic spread lens above 1/8" flat polycarbonate -17: 0.187" prismatic flat high strength acrylic -23: Frosted microprismatic lens instead -46: Gasket between trim and lens -CF: Custom color filter (Rosco). Specify -WA: White acrylic (flat) diffuser instead	(Blank): Standard surface mount -80: 2" collar for mounting beneath surface outlet box; 1/2" 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 -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 mount. 8" stem or see Option -87. Must add -89 for wet label listing -WB: Wall bracket mount; 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. Not for use with Option -EI

Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-6500L	1.38	74.0	1.07
-5000L	1.00	57.6	1.00
-3500L	0.80	43.1	1.07

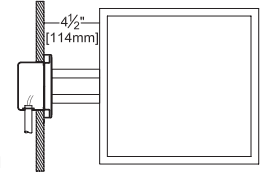
Dimensions



Representative Views:

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

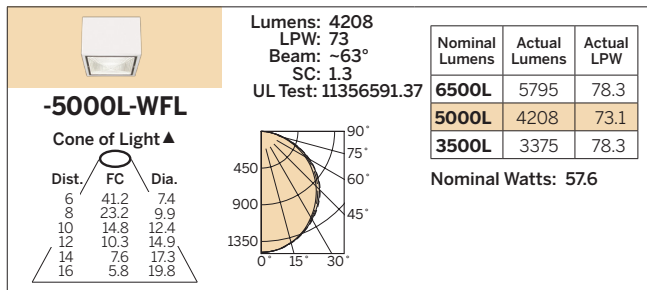
(Right) With optional wall bracket (Option -WB)



Photometry - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab

Photometry from I.T.L., Boulder, CO and UL Verification Services, Allentown, PA



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 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 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.