

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series LED Lighting

Surface Vandal 12" Downlight

Up to 90,000 Hour Rated Life • Wet Listed
LM-80 and LM-79 Certified

Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify**
 - 2000L
 - 1500L
 - 1000L
- Select trim & beam distribution: WFL
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 90,000 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

- Vandal resistant seamless white self-flanged aluminum, one piece self-flanged trim
- Flush center pin tamperproof hex screws and captive nuts secure trim to housing

- High-strength prismatic acrylic above 1/8" clear flat polycarbonate
- Tamperproof tool included

Aluminum Housing

- Seamless white acrylic enameled finish
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- Water-tight construction with weatherproof closed cell top gasket for wet location use
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire is modular, easily visible, and serviced through aperture
- Lightweight: minimizes ceiling load
- See Options for additional finishes and mounts

Installation

- Direct mount to any J-box pattern
- Indoor or outdoor
- Option -PM for pendant mount

LSV-12487



Quick Ship Eligible

- Eligible for Quick Ship of 2 weeks or less
- Quantity requirements: 10 - 100 pieces
- Requires choosing options in **red** on the next page and including the -QS option code

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: LSV-12487-2000L-120-50K-94-NAT)

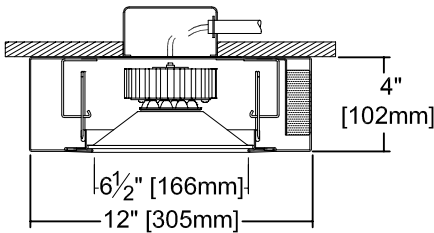


Must Specify				Optional				
Model	Lumens	Volts	CCT & CRI	Driver Options	Emergency Options	Housing/Trim/Lens	Mounting Options	Other Options
LSV-12487								
	-2000L -1500L -1000L	-120 -277 -97†: Other Voltage	(Blank): 3500K, 80+ CRI 80+ CRI* -27K: 2700°K -30K: 3000°K -35K: 3500°K -41K: 4000°K -50K: 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 -D40: -40°C driver with 0-10V 10% dimming instead †Consult factory for use with -2000L series	(Blank): None -EI: Remote inverter for 100% rated lumens; 90+ minutes; N/A for Option -FS -EM: Internal emergency battery pack; Delivers 500 lumens; CEC Compliant; 90+ minutes -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes; N/A with pendant mount	(Blank): Standard white enamel with prismatic acrylic lens Housing Finishes -35: Silver enamel finish -37: Dark bronze enamel finish -38: Black enamel finish -94: Custom color/finish; specify; consult factory Trim Features -46: Gasket between lens and trim Lens Options -23: Frosted microprismatic lens instead -46: Gasket between trim and lens -CF: Custom color filter (Rosco); specify -WA: White acrylic lens instead	(Blank): Standard surface mount -80: 2" collar for mounting beneath surface outlet box; ½" T.S. KO's covered ceilings only -87: Custom length pendant; for -PM -88: Swivel canopy for sloped ceilings to 40°; with -PM -PM: Pendant stem; 8" stem or see -87	(Blank): None -99: Special modification; consult factory -FS: Single in-line fuse. Not for use with Option -EI -NAT: Modified for natatorium use -QS: Quick Ship; Options must be only red items; Quantities of 10-100

Performance Factors

Dimensions

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2000L	1.257	26.0	0.92
-1500L	1.00	19.0	1.00
-1000L	0.579	9.40	1.17

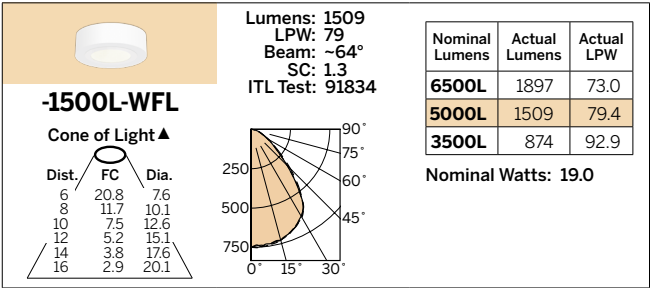


* See notes on page 1 for additional info on Lumen Factors

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.

▲ Cone of Light Key
Dist. Distance (Ft.) from fixture
Dia. (in ft.) shown is where FC value is half the FC at nadir.
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

LIMITED WARRANTY: CATALOGED KIRLIN EXTLITES 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 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 is supplied 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.