

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series LED Lighting

Surface Vandal 12" Downlight

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

Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify -2500L**
- 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

- 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

LSV-12488



Installation

- Direct mount to any J-box pattern
- Indoor or outdoor
- Option -PM for pendant 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: LSV-12488-2500L-277-41K-37-87-PM)



Made in the USA
BABAA Compliant



Vandal Resistant



Natatorium
See Option -NAT



FCC Part 15
Certified

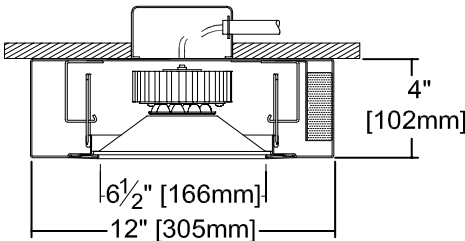


UL Listed
Wet, Damp, Dry

Must Specify				Optional				
Model	Lumens	Volts	CCT & CRI	Driver Options	Emergency Options	Housing/Trim/Lens	Mounting Options	Other Options
LSV-12488								
	-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 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 -EM: Internal emergency battery pack; Delivers 1000 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 high strength 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 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; 1/2" T.S. KO's covered ceilings only -87: Custom cord/wall bracket arm/pendant length -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 -NAT: Modified for natatorium use

† Consult factory

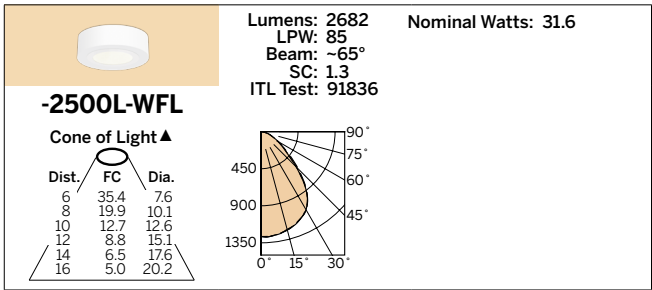
Dimensions



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**
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: CATALOGED 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 five years of original shipment. Liability of 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.

LATITUDES
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