

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes

Direct/Indirect • 6" x 18" Cylinder

90,000 Hours • 10% Dimming • 3-Step Binning • Wet Listed
LM-80 and LM-79 Certified

Specifications

Delivered System Performance

- Lumen Series: **Must Specify**

Direct	Indirect
-2000L	-2000U
-1500L	-1500U
-1000L	-1000U

- Select trim & beam distribution: see chart
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 90,000 hour 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 (Both Positions)

- Smooth white flare trim with regressed tempered prismatic lens. Interlocks with cylinder

Weathercap - Indirect Position

- Gasketed prismatic glass WeatherCap seals uplight from environment

Aluminum Housing

- Seamless white acrylic enameled with 3½" length wall bracket. See Options for other finishes, custom wall bracket length
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- Light weight, minimizes load
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire, easily visible and services

Installation

- Wall bracket arm (3½") assembled to housing. Wall plate included, for recessed outlet box.
- Mounting hardware included
- Indoor or outdoor

LWR-06491



UL, C-UL (Canada) Listings

- Damp or dry locations, wet with Option -86

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: LWR-06491-2000L-1500U-277-WFL-MFU-30K-EI-38)

Must Specify					Optional				
Model	Lumens	Volts	Beam	CCT & CRI	Driver Options	Emergency Options	Housing/Lens	Mounting Options	Other Options
LWR-06491									
	Direct (Down) -2000L -1500L -1000L Indirect (Up) -2000U -1500U -1000U	-120 -277 -97†: Other Voltage	Direct (Down) -SPT -NFL -MFL -WFL Indirect (Up) -SPU -NFU -MFU -WFU	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 (N/A in -3000L) **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 -D40: -40°C driver with 0-10V 10% dimming instead	(Blank): None -EI: Remote inverter for 100% rated lumens (direct position); 90+ minutes; N/A for Options -FD or -FS -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; 90+ minutes	(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 -13: Clear flat polycarbonate below with prismatic flat lens above -23: Frosted microprismatic lens instead -CF: Custom color filter (Rosco); specify -WA: White acrylic lenses instead; will produce wide flood distribution	(Blank): Standard 3½" wall bracket -87: Custom wall bracket length, specify	(Blank): None -84: Wired for two circuits. Also see Option -FD -99: Special modification; consult factory -FD: Dual in-line fusing for use with Option -84. not for use with Option -EI -FS: Single in-line fuse; N/A for Options -EI -NAT: Modified for natorium use

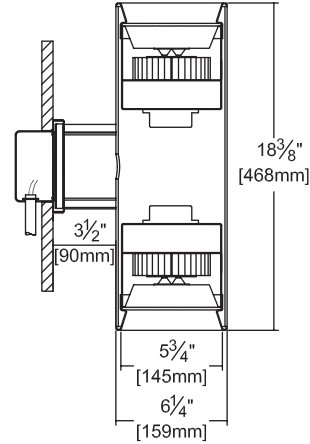
† Consult factory

† Consult factory for use with -2000L series

Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2000L	1.257	57.0	0.92
-1500L	1.00	41.6	1.00
-1000L	0.579	20.6	1.17

Dimensions




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

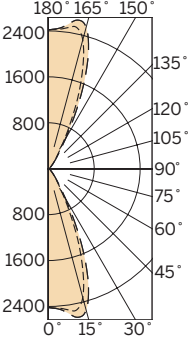
Photometry - Installed Complete Fixture

Photometry from I.T.L., Boulder, CO

LM-79 IESNA Certified Photometry from Independent Lab




Dn Lumens: 1721
Up Lumens: 1721
LPW: 83
Dn Beam: ~45°
SC: 0.8
ITL Test: 87190



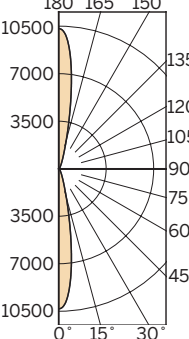
-1500L-1500U (MFL)

Dist.	FC	Dia.
6	67.3	4.9
8	37.8	6.6
10	24.2	8.2
12	16.8	9.9
14	12.4	11.5
16	9.5	13.2

Nominal Lumens	Actual Lumens	Actual LPW
2000L 2000U	2163 2163	76.1
1500L 1500U	1721 1721	82.7
1000L 1000U	996 996	96.8




Dn Lumens: 1744
Up Lumens: 1744
LPW: 83
Dn Beam: ~19°
SC: 0.3
ITL Test: 85865



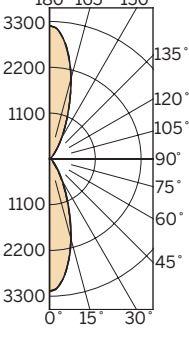
-1500L-1500U (SPT)

Dist.	FC	Dia.
6	185.7	2.1
8	104.5	2.8
10	66.9	3.5
12	46.4	4.2
14	34.1	4.9
16	26.1	5.6

Nominal Lumens	Actual Lumens	Actual LPW
2000L 2000U	2192 2192	76.4
1500L 1500U	1744 1744	83.0
1000L 1000U	1010 1010	97.1




Dn Lumens: 1553
Up Lumens: 1553
LPW: 74
Dn Beam: ~33°
SC: 0.6
ITL Test: 87936



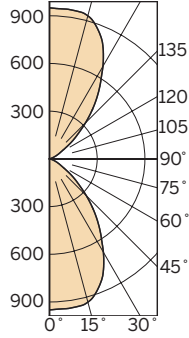
-1500L-1500U (NFL)

Dist.	FC	Dia.
6	89.3	3.5
8	50.2	4.7
10	32.1	5.9
12	22.3	7.1
14	16.4	8.2
16	12.6	9.4

Nominal Lumens	Actual Lumens	Actual LPW
2000L 2000U	1952 1952	68.4
1500L 1500U	1553 1553	74.3
1000L 1000U	899 899	86.9



Dn Lumens: 1514
Up Lumens: 1514
LPW: 71
Dn Beam: ~58°
SC: 1.1
ITL Test: 85867



-1500L-1500U (WFL)

Dist.	FC	Dia.
6	26.4	6.6
8	14.8	8.8
10	9.5	11.0
12	6.6	13.2
14	4.8	15.4
16	3.7	17.6

Nominal Lumens	Actual Lumens	Actual LPW
2000L 2000U	1903 1903	65.7
1500L 1500U	1514 1514	71.4
1000L 1000U	877 877	83.5

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 THE YEARS FROM DATE OF PURCHASE. INSTALLATION, E.G., 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 applicable 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.

LATTITUDES
FEBRUARY 2024