

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes

Direct/Indirect • 9" x 19" Cylinder

60,000 Hour Rated Life • 10% Dimming, 0-10V • Wet Listed
LM-80 and LM-79 Certified

LWR-09492 has been discontinued. LWR-09492 will remain available upon request. Please consult factory for additional assistance.

Specifications

Delivered System Performance

- Lumen Series: **Must Specify**

Direct	Indirect
-3500L	-2500U
-2500L	-2500U

- Select trim & beam distribution: see chart
- 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 - Direct Position

- High efficiency low brightness clear aluminum self-flanged reflector with tempered prismatic spread lens above

WeatherCap

- Indirect Position. Prismatic glass lens. Not provided with Option -PM (pendant) version

Aluminum Housing

- Seamless white acrylic enameled with wall bracket
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- Interlocking flare trim
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire, easily visible and services

Installation

- Wall bracket extrusion assembled to housing. Wall plate included, for recessed outlet box

LWR-09492



- Mounting hardware included
- Indoor or outdoor

UL, C-UL (Canada) Listings

- Wet, damp or dry locations

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

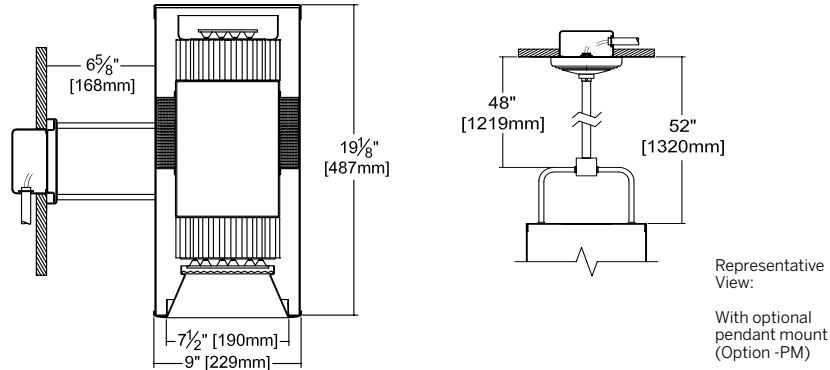
(Example: LWR-09492-2500L-2500U-277-MFL-MFU-30K-EI-38)



Must Specify				Optional				
Model	Lumens	Volts	CCT & CRI	Driver Options	Emergency Options	Housing/Trim Options	Mounting Options	Other Options
LWR-09492								
	Direct (Down)	-120	80+ CRI*	(Blank): Standard 0-10V CCR 1% dim	(Blank): None	(Blank): Standard clear self-flanged reflector with lens above	(Blank): Standard 6 ⁵ / ₈ " wall arm plus 1/4" wall plate	(Blank): None
	-3500L	-277	-27K: 2700°K					
	-2500L	-97†	-30K: 3000°K					
	Indirect (Up)	Other Voltage	-35K: 3500°K	-D1: 0-10V 1.0% dimming	-EI: Remote inverter for 50% of rated lumens for -3500L (direct position). Not available for -2500L. Run time 90+ minutes. 120 or 277V, 60 Hz input only. Not for use with Options -FD or -FS	Luminaire (Housing) Finishes	-87: Custom pendant length. Specify length. Use with Option -PM	-84: Wired for two circuits. Also see Option -FD
	-2500L		-41K: 4000°K	-D2: 0-10V 0.1% dimming		-35: Silver (natural aluminum) acrylic enamel	-88: Swivel canopy for sloped ceilings up to 40°; use with Option -PM	-99: Special modification; consult factory
	-2500U		-50K: 5000°K	-ECO: Digital driver for Lutron EcoSystem controls. Dims to 1% or consult factory. Standard wall bracket mount only; consult factory for availability and pricing.		-37: Dark bronze acrylic enamel	-88: Swivel canopy for sloped ceilings up to 40°; use with Option -PM	-FD: Dual In-line fusing for use with Option -84; N/A for Option -EI
			*Note: Lumen Factor = 0.93 for -27K			-38: Black acrylic enamel	-PM: Pendant mount for damp or dry locations only; 48" stem plus 4" offset (see diagram); also see Option -87; no wet label listing	-FS: Single in-line fuse; N/A for Options -EI
			90+ CRI**			-94: Custom color/finish. Specify. Consult factory		
			-27K-HC: 2700°K			Trim (Direct Position Only)		
			-30K-HC: 3000°K			-13: Clear poly lens below standard lens. Photometric distribution unaffected		
			-35K-HC: 3500°K			-23: Frosted microprismatic lens instead		
			-41K-HC: 4000°K			-30: All white acrylic enameled cone		
			-50K-HC: 5000°K (N/A in -3000L)			-31: White acrylic enameled cone flange		
			**Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85; Consult Factory			-70: SofTex™ clear self-flanged cone		
						-WA: White acrylic (flat) diffuser instead; will produce wide flood distribution		

† Consult factory

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 IES Certified Photometry from Independent Lab

-3500L (3500/2500) (MFL)

Dn Lumens: 3001
Up Lumens: 3940
LPW: 90
Dn Beam: ~40°
SC: 0.7
UL Test: 11356591.34

Cone of Light ▲

Dist.	FC	Dia.
6	197.0	4.4
8	111.0	5.8
10	71.0	7.3
12	49.3	8.8
14	36.2	10.2
16	27.7	11.7

Nominal Watts: 76.9

Nominal Lumens	Actual Lumens	Actual LPW
3500L	3940	90.3
2500L	3001	82.7

-2500L (2500/2500) (MFL)

Dn Lumens: 2752
Up Lumens: 2698
LPW: 83
Dn Beam: ~43°
SC: 0.8
ITL Test: 86343

Cone of Light ▲

Dist.	FC	Dia.
6	121.0	4.7
8	68.0	6.2
10	43.6	7.8
12	30.2	9.4
14	22.2	10.9
16	17.0	12.5

Nominal Watts: 65.9

Nominal Lumens	Actual Lumens	Actual LPW
3500L	3940	90.3
2500L	2752	82.7

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 FC Footcandles at nadir (0°)
value is half the FC at nadir. 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 the option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective nature of the fixture to the offices of manufacturer within the 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 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.