

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series

Weatherproof Flagpole 9" Indirect • LED

Up to 60,000 Hour Rated Life • Wet Location

LM-79 Certified • LM-80 Qualified

Specifications

Delivered System Performance

- Lumen Series: **Must Specify**
 - 6500L
 - 5000L
 - 3500L
- Distributions: SPT standard
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 60,000 hour rated life (L70)

Thermal Management System

- Aluminum heat sink and components for cool operation, long life, and low maintenance

LED Driver - INTERNAL or REMOTE

- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- Remote driver in mini cabinet available, see option -REM
- 0-10V CCR 10% dimming standard
- 120-277V / 50-60 Hz standard; load insensitive

WeatherCap and Lens

- Tempered clear glass
- Sealed and gasketed to prevent water intrusion
- Removable for service

Aluminum Housing

- White acrylic enameled with radiused flagpole mounting bracket. See Options for other colors
- Seamless, deep-drawn, no visible hardware
- 6 1/2" standard mounting bracket length. See Option -87 or consult factory for availability in custom lengths
- Rustproof and corrosion resistant: exceeds 1000 hour ASTM 5% salt spray test
- Cool operation extends component life

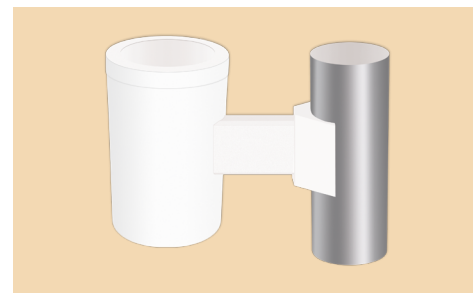
Installation & Hardware

- Mounting bracket extrusion assembled to housing
- Heavy gauge aluminum radius cut mounting plate; formed, welded, polished and bolted to bracket
- Mounting hardware included
- Specify bracket length other than standard (see Option -87)
- Flagpole diameter must be supplied at the time of order for proper fit to flagpole**

UL, C-UL (Canada)

- Wet, damp or dry locations, covered ceilings

LWR-09490



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

Maintenance and Future-Proofing

- M1 maintenance level standard- Phillips head screwdriver, and/or a basic wrench needed
- Lighthouse, driver replaceable through the aperture of the fixture with quick-connections, no soldering required
- Backed by Kirlin's [25-Year Legacy Support Guarantee](#)



Available Maintenance Levels

Level	Option	Tools Required to Service LED Module and Driver
	Standard	 Phillips head screwdriver, and/or a basic wrench needed

Options and Ordering Configuration

(Example: LWR-09490-6500L-277-41K-35-FS)

Must Specify					Optional			
Model	Lumens	Volts	CCT† & CRI	Pole Diameter	Luminaire (Housing) Finishes	Driver Options	Mounting Options	Other Options
LWR-09490								
	-6500L -5000L -3500L	-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	-4" Dia -5" Dia -6" Dia -7" Dia -8" Dia (Custom diameter available, specify other)	(Blank): Standard white tapered aluminum rigid cast trim -35: Silver (natural aluminum) acrylic enamel -37: Dark bronze acrylic enamel -38: Black acrylic enamel -94: Custom color; consult factory	-REM: Driver remote mounted in mini-cabinet; see next page for driver ordering - MUST BE ORDERED SEPARATELY	-87: Custom wall bracket length. Specify.	(Blank): None -99: Special modification; consult factory -FS: Single in-line fuse -D40: -40°C driver 0-10V 10% dimming instead for -3500L. Consult factory for use with -5000L or -6500L
		†Consult factory						

Remote Mini-Cabinet Options and Ordering Configuration

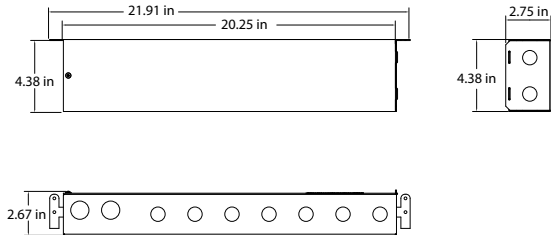
(Example: REM-SWCAB-1400B-2-D2-EI4)

Must Specify			Optional
Model	Driver Current	Driver Count	Other Options
REM-SWCAB			
	50 Watt Drivers	-1: 1 driver -2: 2 drivers; N/A on -1050C or -1400C driver options	(Blank): None -EI5: Remote emergency micro-inverter: 50W max load; 90+ minutes run time -EMI: Remote emergency mini-inverter: 125W max load; 90+ minutes run time
	-1050A: 1050mA 50W driver; powers (1) 3500L fixture		
	75 Watt Drivers		
	-1400B: 1400mA 75W driver; powers (1) 5000L fixture		
	100 Watt Drivers		
	-1050C: 1050mA 100W driver; powers (2) 3500L fixture		
	-1400C: 1400mA 100W driver; powers (1) 6500L fixture		

Lumens	Remote Mini-Cabinet	Driver Wattage	Maximum Capacity	
			1 Driver in -REM Cabinet	2 Drivers in -REM Cabinet
-3500L	REM-SWCAB-1050A	50W	Qty 1: 3500L Luminaire	Qty 2: 3500L Luminaires (1 per driver)
	REM-SWCAB-1050C*	100W	Qty 2: 3500L Luminaires, wired in series	N/A
-5000L	REM-SWCAB-1400B	75W	Qty 1: 5000L Luminaire	Qty 2: 5000L Luminaires (1 per driver)
-6500L	REM-SWCAB-1400C*	100W	Qty 1: 6500L Luminaire	N/A

* 100W XXXXC remote drivers have 2 LED outputs each

Dimensions

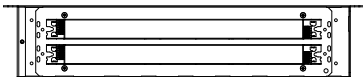


-REM Features

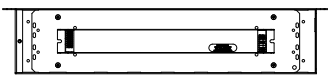
- Drivers can be mounted up to 250' away from fixtures
- Remote mini-cabinets are plenum rated and can be mounted to the ceiling grid
- Low-voltage cabling from driver to fixture(s)
- 1/2" and 3/4" knockouts

50W and 75W Drivers

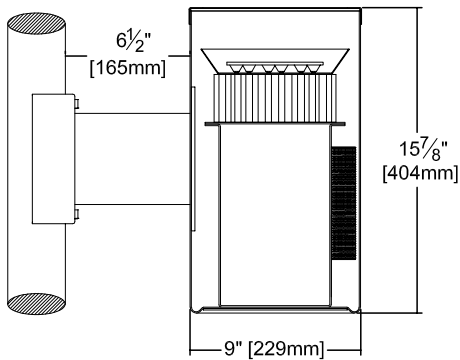
Exact dimensions of drivers inside the box may vary based on options chosen.



100W Drivers

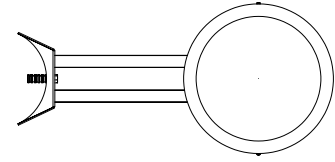


Dimensions



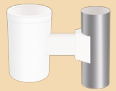
NOTE: SPECIFY
FLAGPOLE
DIAMETER AT TIME
OF ORDER

EPA 2.1

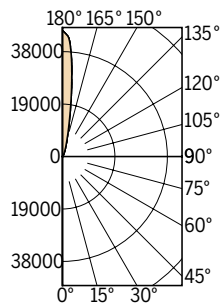


Photometry - Installed Complete Fixture

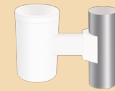
LM-79 IES Certified Photometry from Independent Lab



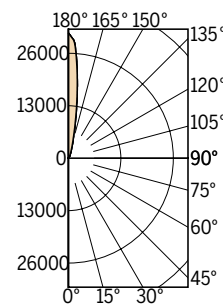
-6500L (SPT)
Nominal Watts: 73.8



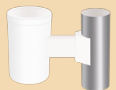
Lumens: 5909
LPW: 80
SC: 0.3
UL Test: 11356591.42



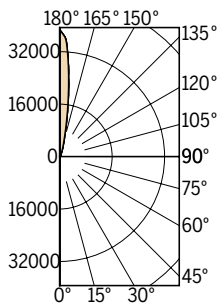
-3500L (SPT)
Nominal Watts: 42.6



Lumens: 3926
LPW: 92
SC: 0.3
UL Test: 11356591.33S



-5000L (SPT)
Nominal Watts: 57.4



Lumens: 4895
LPW: 86
SC: 0.3
UL Test: 11356591.33

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

LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

▲ **Cone of Light Key**
Dia. (in ft.) shown is where
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