

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

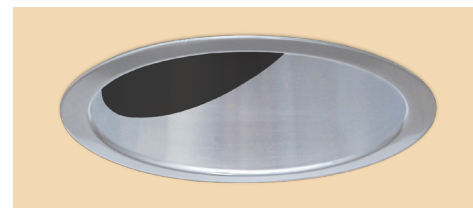
Latitudes Series

Open Appearance 7" Adjustable • LED

Up to 60,000 Hour Rated Life • Wet Listed

LM-79 Certified • LM-80 Qualified

LRR-07420



Specifications

Delivered System Performance

- Nominal Lumens: **Must Specify**

Non-IC

-6500L

-5000L

-3500L

-2500L

- 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)

Center Beam Optics

- Self-aligns with trim for optimal performance
- Hot aiming by hand
- Tilts from 0° to 35° and locks in place
- Rotates full 360° and locks in place
- Accommodates sloped ceilings up to 35°

Thermal Protection: SPECIFY VOLTAGE

- Thermal protector for insulation detection per UL/NEC. Must specify input voltage

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 for internal drivers

- Voltage Options: **Must Specify**

-120: -120V (50-60Hz); load insensitive

-277: -277V (50-60Hz); load insensitive

Trim Assembly

- Clear specular aluminum trim
- Self-flanged, low glare cone with lens above
- Optional colors and finishes available

Acrylic Enameled Aluminum Housing

- Rustproof and corrosion resistant: exceeds 1000 hour ASTM 5% salt spray test
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Built-in plaster flange

Outlet Box (Galvanized)

- UL Listed, 14GA, insulated, removable cover
- ½" and ¾" knockouts

Installation & Hardware

- Indoor/outdoor in ceilings up to 1½" thick
- Compatible with fire rated enclosures (by others)
- 27" hanger bars & adjusting brackets (2) supplied

UL, C-UL (Canada)

- UL Listed: wet, damp or dry locations, covered ceilings
- Through-branch conductors (4 #12 AWG 90°C)

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
- Lighthead, 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

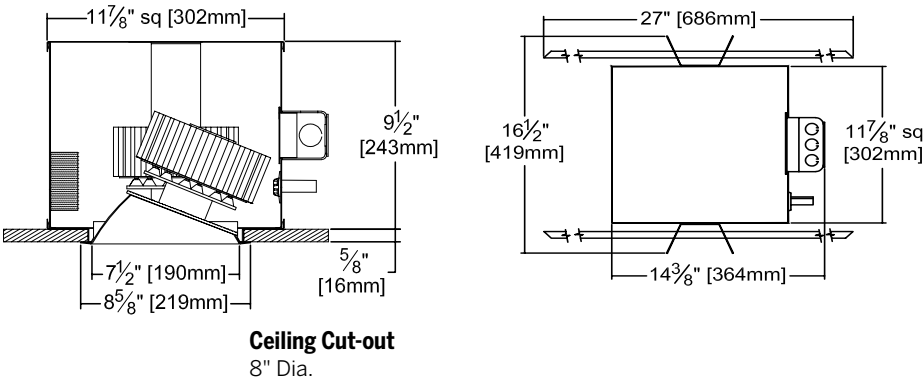
(Example: LRR-07420-5000L-120-SPT-30K-30T-RH-FS)

Must Specify					Optional			
Model	Lumens	Volts	Beam	CCT [†] & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LRR-07420	-6500L -5000L -3500L -2500L	-120 -277 -97 [†] : Other Voltage	(Blank): NFL -SPT -NFL -MFL	(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% dimming instead for -3500L or -2500L only -D40: -40°C (-40°F) driver; 0-10V 10% dim -ECO: Digital driver for Lutron EcoSystem controls. Dims to 1% or consult factory; -3500L max -REM: Driver remote mounted in mini-cabinet; see remote driver ordering page for more details - MUST BE ORDERED SEPARATELY	(Blank): None -EI: Remote emergency inverter for 40% of rated lumens for -6500L, 50% for -5000L and -3500 or 100% for -2500L. Run time: 90+ minutes. 120 or 277V, 60 Hz input only. Specift voltage. Not for use with -FS -EM: Internal emergency battery pack; Delivers 500 lumens; Run time: 90+ minutes. Not available with -6500L -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; Run time: 90+ minutes	(Blank): Standard clear specular trim; low glare cone with lens above Trim Finishes -30F: White enamel (flange only) -30T: White enamel (complete trim) -35F: Silver enamel (flange only) -35T: Silver enamel (complete trim) -37F: Dark bronze enamel (flange only) -37T: Dark bronze enamel (complete trim) -38F: Black enamel (flange only) -38T: Black enamel (complete trim) -70T: Clear semi-specular SofTex™ (complete trim) -94: Custom color; consult factory Other Trim Features -32: White trim extender, specify OD -45: Gasket between trim & ceiling -WA: White acrylic lens	(Blank): None Mounting -RH: Joist mounting hardware instead Other Options -99: Special modification; consult factory -AWN: Athena Wireless Node; N/A for Dimming Options -D5, -D40, -ECO -FS: Fused primary; One per fixture; N/A for Option -EI SH: Sealed housing and junction box -TA: Top access for servicing from above ceiling *Note: For other integrated control solutions, such as nLight, contact factory

Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-6500L	1.00	72.9	1.00
-5000L	0.93	57.2	1.18
-3500L	0.75	42.7	1.27
-2500L	0.54	35.2	1.13

Dimensions

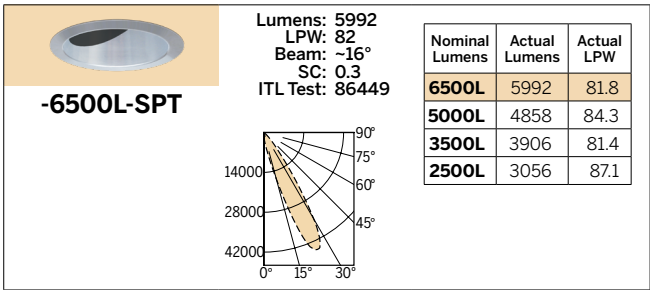
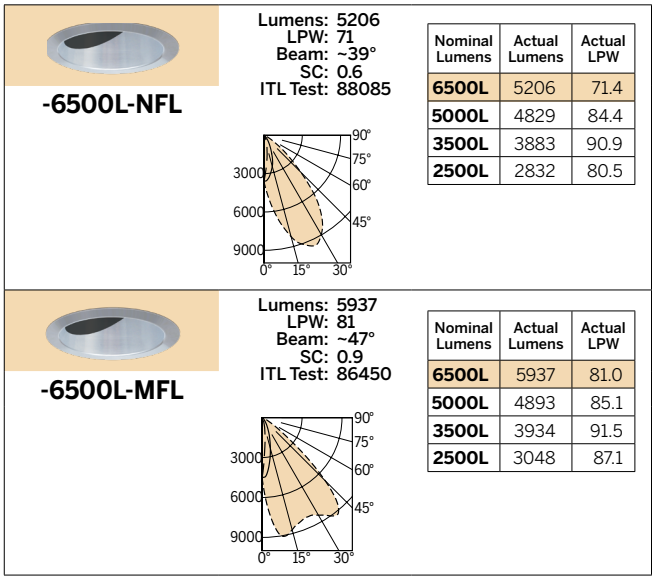


Ceiling Cut-out
8" Dia.

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

Photometry - Installed Complete Fixture

LM-79 IES 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

Static White Options and Ordering Configuration

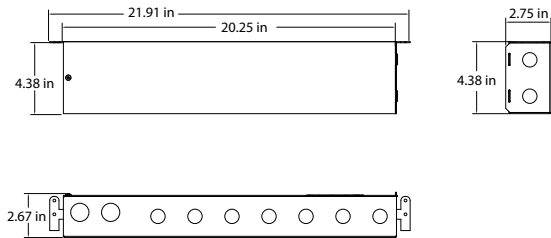
(Example: REM-SWCAB-1400B-120-2-D2-EMI)

Must Specify					Optional
Model	Driver Current	Volts	Driver Count	Dimming	Other Options
REM-SWCAB					
	50 Watt Drivers	-120	-1: 1 driver	-D1: 0-10V 1.0% dim	(Blank): None -E15: 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	-277	-2: 2 drivers; N/A on -1050C, -1400B and -1400C driver options	-D2: 0-10V 0.1% dim	
	-1400A: 1400mA 50W driver; powers (1) 2500L fixture			-D3: DALI 1.0% dim	
	75 Watt Drivers			-D4: DALI 100-0.1% dim	
	-1400B: 1400mA 75W driver; powers up to (2) 2500L fixtures OR (1) 5000L fixture			-D5: DMX512A 0% dimming instead; only available with -1050A and -1400A options	
	100 Watt Drivers			-ECO: Digital driver for Lutron EcoSystem controls. Dims to 1% or consult factory; -3500L max	
	-1050C: 1050mA 100W driver; powers up to (2) 3500L fixtures				
	-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
-2500L	REM-SWCAB-1400A	50W	Qty 1: 2500L Luminaire	Qty 2: 2500L Luminaires, (1 per driver)
	REM-SWCAB-1400B	75W	Qty 2: 2500L Luminaires, wired in series	N/A
-3500L	REM-SWCAB-1050A	50W	Qty 1: 3500L Luminaire	Qty 2: 3500L Luminaires (1 per driver)
	REM-SWCAB-1050C*	100W	Qty 2: 3500L Luminaires, 1 per LED output	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

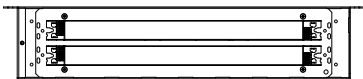


-REM Features

- 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

