

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

## Latitudes Series

### Sauna and Steam Room 6" Downlight • LED

Up to 70,000 Hour Rated Life • Type IC • Wet Listed

LM-79 Certified • LM-80 Qualified

## LRR-06013



## Specifications

### Delivered System Performance

- Nominal Lumens: **Must Specify**

#### Type IC -750L

- Select trim & beam distribution: see chart
- Select color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- 70,000 Hour Rated Life (L70\*\*)

### Thermal Management System

- Rated 90°C (194°F) maximum
- Aluminum heat sink and components for cool operation, long life, and low maintenance
- LED Driver - REMOTE. See REM-0700A, next page, for remote driver information

### Trim Assembly

- Smooth white seamless tapered aluminum self-flanged rigid cast trim (field paintable)
- Optional colors or custom color available
- High strength prismatic acrylic above .125" clear flat polycarbonate lens. Also see -DA

### IP66 Rated Sealed and Gasketed Trim

- Protects against powerful (100L/min) water jets from all directions and against ingress of dust
- Silicone seal between trim and lens seals lens to trim
- Closed cell gasketing on trim flange seals flange to ceiling
- O-rings on stainless steel fasteners seal fasteners to trim
- Meets ASTM E283 restricted airflow of 2CFM maximum

### 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
- 1/2" and 3/4" knockouts

### Installation & Hardware

- Indoor/outdoor in ceilings up to 1 1/8" thick or see option -79
- 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
- Type IC: for direct contact with insulation
- Through-branch conductors (4 #12 AWG 90°C) for Type IC listing

### IEC & FCC Compliance

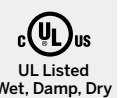
- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

### THREE YEAR Limited Warranty

- Complete standard fixture

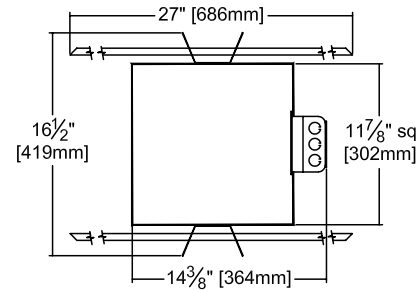
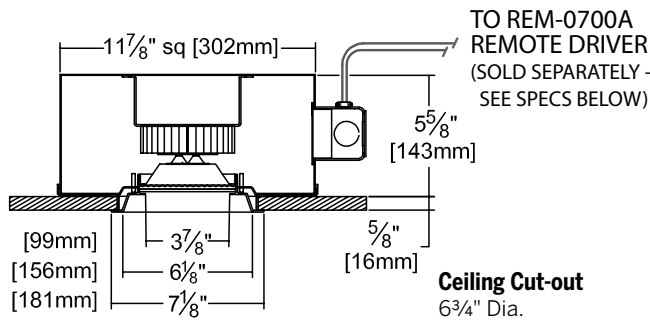
## Options and Ordering Configuration

(Example: LRR-06013-750L-NFL-30K-37T-25)



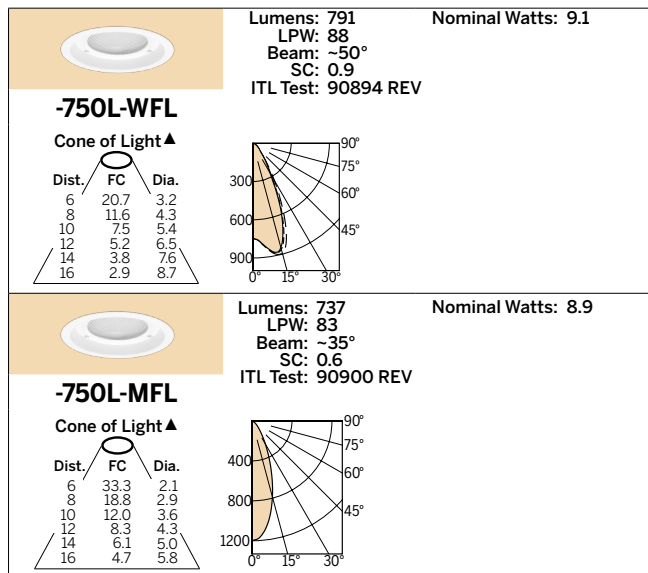
Must Specify				Optional					
Model	Lumens	Beam	CCT <sup>†</sup> & CRI	Trim Options	Other Options				
LRR-06013									
	-750L	(Blank): WFL	(Blank): 3500K, 80+ CRI	(Blank): Standard white trim finish	(Blank): None				
		-NFL	80+ CRI*	Trim Finishes	Mounting				
		-MFL	-27K: 2700°K	-35T: Silver enamel trim	-79: Extension collar for ceilings up to 2" thick				
		-WFL	-30K: 3000°K	-37T: Dark bronze enamel trim	-RH: Joist mounting hardware instead				
			-35K: 3500°K	-38T: Black enamel trim	Other Options				
			-41K: 4000°K	-94: Custom color; consult factory	-99: Special modification; consult factory				
			-50K: 5000°K	-BN: Brushed nickel cast trim	-AT: Air tight housing				
			*Note: Lumen Factor = 0.93 for -27K	Other Trim Features	-AWN: Athena Wireless Node				
			90+ CRI**	-25: Vandal resistant trim, hardware and lensing. Provides ligature and vandal resistance. Not available with option -79 or NSF rating	*Note: For integrated control solutions see REM-0700A spec sheet				
			-27K-HC: 2700°K	-DA: Diffuse acrylic lens above poly instead of prismatic acrylic. -WFL only					
			-30K-HC: 3000°K	-WA: White acrylic (flat) diffuser above poly instead of prismatic acrylic. Provides wide flood distribution.					
			-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						
<div>Projected L70** for Kirlin Luminaires</div> <table><tr><td>In Open Plenum</td><td>90,000 hours</td></tr><tr><td>In Insulation (Type IC)</td><td>70,000 hours</td></tr></table> <div>**Hours at 70% lumen maintenance</div>						In Open Plenum	90,000 hours	In Insulation (Type IC)	70,000 hours
In Open Plenum	90,000 hours								
In Insulation (Type IC)	70,000 hours								

## Dimensions

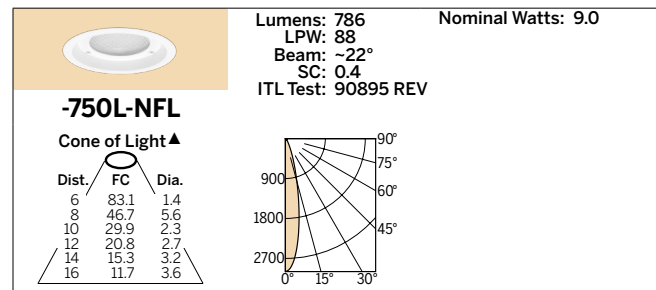


## Photometry - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab



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



**REM-0700A Remote Driver - Required**  
(Order Separately)

## SPECIFICATIONS

- 30 watt, constant current analog driver, single control channel
- 100-0.1% full range dimming
- Compatible with 0-10V DC dimming controls
- Linear dimming profile standard
- Maximum 50 ft. cable length from power supply to single fixture
- 120-277V / 50-60 Hz standard. Load insensitive
- Suitable for: -20°C (-22°F) to 50°C (140°F)
- Includes J-box with 1/2" and 3/4" knockouts
- See specification sheet for **REM-0700A**

LED manufacturers maintain a tolerance of  $\pm 7\%$  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