

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

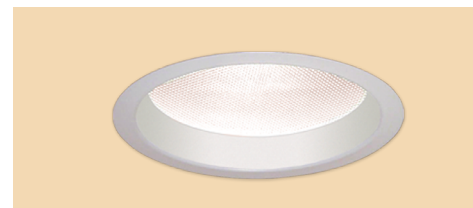
## Retrofit Series

### 8" Downlight Upgrade Kit • LED • Sustainable

For Existing Kirlin Housings

LM-79 Certified • LM-80 Qualified

## LKR-08034



## Specifications

### Delivered System Performance

- Nominal Lumens: **Must Specify**  
**Non-IC -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)

### Thermal Management System

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

### LED Driver - INTERNAL

- Indoor/Outdoor: -30°C to 50°C (-22°F to 122°F)
- 0-10V CCR 10% dimming standard
- 120-277V / 50-60 Hz standard; load insensitive

### Trim and Assembly

- Seamless tapered aluminum white self-flanged trim (field paintable) with high efficiency reflector above
- Regressed tempered prismatic spread lens

### Installation (Indoor or Outdoor)

- Simple, secure retention of entire kit into existing Kirlin recessed housing aperture
- Fully sustainable: Revitalize existing fixtures without disturbing the ceiling

### UL, C-UL (Canada) Classified Kit

- Wet, damp or dry locations, covered ceilings, for use in Kirlin fixtures (UL Listed)
- Suitable for all Kirlin housings with a minimum 6.25" depth x 11.75" square size

### 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 kit



BioGard™  
See Option -BG



Made in the USA  
BABAA Compliant



FCC Part 15  
Certified



UL Listed  
Wet, Damp, Dry

## Options and Ordering Configuration

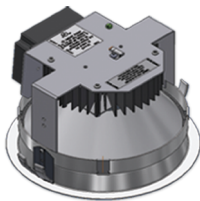
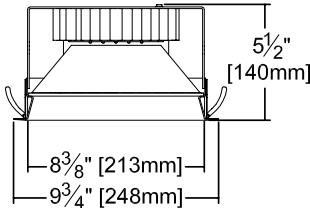
(Example: LKR-08034-2500L-120-WFL-41K-BG-46)

Must Specify					Optional			
Model	Lumens	Volts	Beam	CCT <sup>†</sup> & CRI	Driver Options	Emergency Options	Trim Options	Other Options
LKR-08034								
	-2500L	(Blank): 120-277	(Blank): WFL	(Blank): 3500°K, 80+ CRI	(Blank): Standard 0-10V CCR 10% dim	(Blank): None	(Blank): Standard white trim with prismatic spread lens	(Blank): None
		-120	-NFL	80+ CRI*		-EI: Remote emergency inverter for 100% rated lumens; Run time: 90+ minutes. 120 or 277V, 60 Hz only; specify voltage	Trim Finishes	-99: Special modification; consult factory
		-277	-MFL	-27K: 2700°K	-D1: 0-10V 1.0% dim		-31: White acrylic enameled flange. For use with optional trim finishes only	
		-97 <sup>†</sup> : Other Voltage	-WFL	-30K: 3000°K	-D6: Triac (incandescent) dimmer driver instead. 100-10%. 120V only.		-35F: Silver enamel (flange only)	
				-35K: 3500°K			-35T: Silver enamel (complete trim)	
				-41K: 4000°K			-37F: Dark bronze enamel (flange only)	
				*Note: Lumen Factor = 0.93 for -27K			-37T: Dark bronze enamel (complete trim)	
				90+ CRI**			-38F: Black enamel (flange only)	
				-27K-HC: 2700°K			-38T: Black enamel (complete trim)	
				-30K-HC: 3000°K			-62: Specular clear self-flanged trim instead	
				-35K-HC: 3500°K			-BG: BioGard™ anti-microbial white	
				-41K-HC: 4000°K			-BKBG: BioGard™ anti-microbial black	
				**Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85; consult factory			-94: Custom color; consult factory	
							-94BG: BioGard™ anti-microbial custom color finish	
							Other Trim Features	
							-13: Clear 1/8" polycarbonate added below standard or any optional flat lens	
							-23: Frosted microprismatic lens instead (0.8 LLF)	
							-32: White oversize trim ring. Specify O.D.	
							-45: Gasket between trim flange and ceiling	
							-46: Gasket between trim and lens	
							-CF: Custom color filter (Rosco); Specify	
							-WA: White acrylic (flat) diffuser instead (0.8 LLF)	

Performance Factors

NOMINAL LUMENS	CFL or MH or T4 MEAN LUMENS EQUIVALENT
-2500L	2X42W CFL 70W MH 250W T4

Dimensions

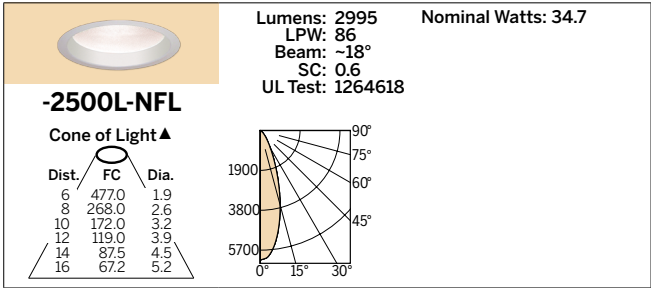
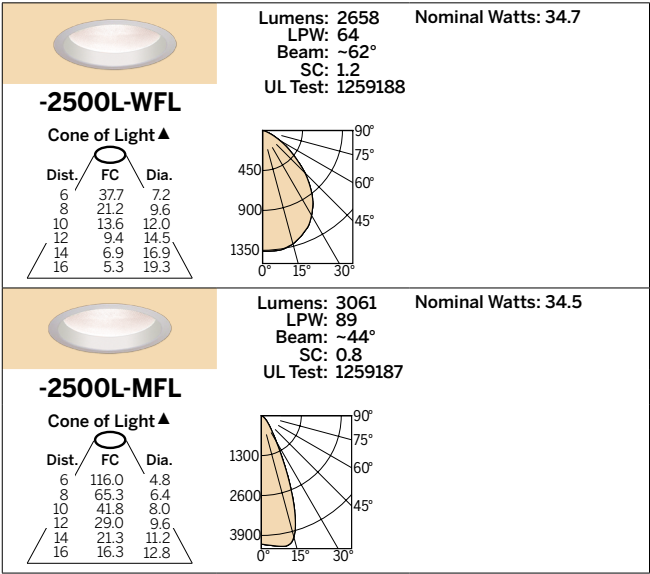


Ceiling Cut-out  
9" Dia.

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

Photometry - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab



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