

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

# Retrofit Series

## 4" Square Upgrade Kit • LED • Sustainable

For Existing Kirlin Housings • Type IC  
LM-79 Certified • LM-80 Qualified

# LKS-04120



## Specifications

### Delivered System Performance

- Nominal Lumens: **Must Specify**

#### Type IC

-2000L

-1500L

-1100L

- Select trim: see chart
- Beam distribution: WFL
- Select color (CCT): see chart; 80+ CRI standard
- 50,000 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 linear dimming standard (100-1%)
- 120-277V / 50-60 Hz standard; load insensitive

### Trim and Assembly

- White aluminum self-flanged downlight trim. Other finishes available. See Options.

### 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
- Modular kit is conveniently serviceable through aperture

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

- Type IC, wet, damp or dry locations, covered ceilings, for use in Kirlin fixtures (UL Listed)
- Suitable for all Kirlin housings with a minimum 5" 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

## Options and Ordering Configuration

(Example: LKS-04120-1500L-120-30K-BG-45)

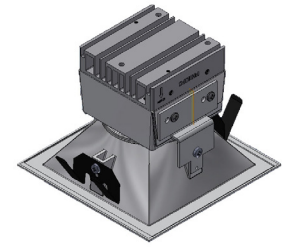
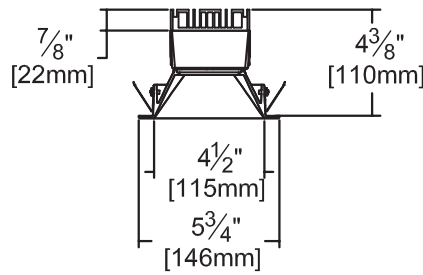


Must Specify						
Model	Lumens	Volts	CCT† & CRI	Emergency Options	Trim Options	Other Options
LKS-04120	-2000L -1500L -1100L	(Blank): 120-277  -120 -277 -97†: Other Voltage	(Blank): 3500°K, 80+ CRI  <b>80+ CRI*</b> -30K: 3000°K -35K: 3500°K -41K: 4100°K	(Blank): None  -E1: Remote emergency inverter for 100% rated lumens; Run time: 90+ minutes. 120 or 277V, 60 Hz only; specify voltage	(Blank): Standard white trim with prismatic spread lens  <b>Trim Finishes</b> -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) -94: Custom color; consult factory -BG: Anti-microbial Kirlin BioGard™ white trim finish instead  <b>Other Trim Features</b> -32: White oversize trim ring. Specify O.D. -45: Gasket between trim flange and ceiling -CF: Custom color filter (Rosco); Specify	(Blank): None  -99: Special modification; consult factory
†Consult factory						
<b>Projected L70** for Kirlin Luminaires</b>						
In Open Plenum	50,000 hours					
In Insulation (Type IC)	50,000 hours					
**Hours at 70% lumen maintenance						

## Performance Factors

NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR	CFL or MH MEAN LUMENS EQUIVALENT
-2000L	1.00	20.2	1.00	70W MH
-1500L	0.75	15.2	1.00	39-50W MH
-1100L	0.55	11.1	1.00	1x42W CFL

## Dimensions



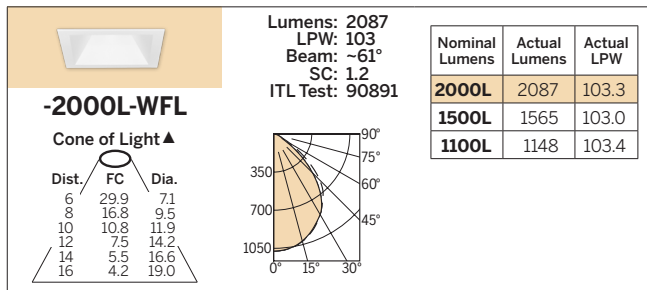
**Ceiling Cut-out**  
5 1/4" Sq.

-2000L Version Shown  
Lower Lumen Versions  
are 3/8" Depth

\* 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.

LIMITED WARRANTY: KIRLIN LIGHTING 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 his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within the warranty period. 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.