

**Type:**  
**Job:**  
**Catalog number:**

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LED Kit                      Electrical Module                      Option

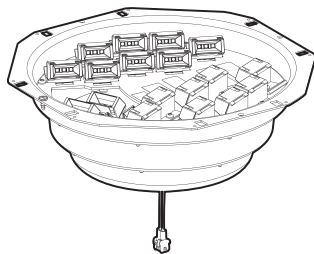
**Approvals:**

**Date:**  
**Page: 1 of 4**

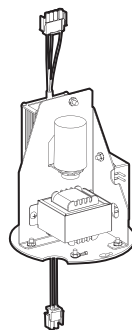
## Specifications

### RA17-LED-KIT

60 Light Emitting Diodes  
Total System Watts = 69W  
Maximum Weight = 30 lbs.  
when installed in Era LED



LED EmitterDeck



Electrical Module

**Electronic Module:** All electrical components are UL recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module includes a driver, LifeShield<sup>®</sup> temperature control device and surge protector. Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the lens frame only. Driver is rated for -40°F starting and has a 0-10V dimming interface for multi-level illumination options.

**Optical Module:** Each precision, replaceable MicroEmitter<sup>®</sup> is positioned to achieve directional control toward desired task. The entire EmitterDeck<sup>®</sup> fastens to the housing as a one-piece module.

**Warranty:** Kim Lighting warrants LED Upgrade Kit products ("Product(s)") sold by Kim Lighting to be free from defects for (i) a period of six (6) years for LED Light Engines (MicroEmitters), (ii) a period of five (5) years for LED power components (LED Driver, LifeShield<sup>®</sup> device, Surge Protector) and (iii) for a period of one (1) year for the re-used metal housing components of the existing luminaire from the date of sale of the LED Upgrade Kit to the buyer as specified in Kim Lighting shipment documents for each Product(s).

**NOTE:** Existing product conditions are taken as the base point. Participation rules apply. See complete warranty provisions for further details.

**IMPORTANT:** Disable all power to the luminaire before conducting any maintenance or upgrade activity. Failure to do so will create a hazardous working environment.

**CAUTION:** Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

**Suggested Tools:**  
• Flathead Screw Driver

### Listings and Ratings

ETL <sup>1</sup> to UL 8750 Standard	CE	25°C Ambient
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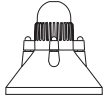
<sup>1</sup>Suitable for wet locations.

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Type:

Job:

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## Standard Features

**Fixture**

Cat. No. designates fixture and distribution

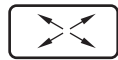
RA17-LED-KIT

**Upgrade Kit:**  
 RA17-LED-KIT

**Distribution:**

- 1 = Type I
- 2 = Type II
- 3 = Type III
- 4 = Type IV
- 5 = Type V
- R = Type R Right
- L = Type L Left

**Light Distribution:**



TYPE I



TYPE II



TYPE III



TYPE IV



TYPE V



TYPE R  
 One-Way Right

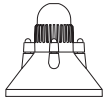


TYPE L  
 One-Way Left

Type:

Job:

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## Standard Features

### Electrical Module

Cat. Nos. for Electrical Modules available:

60L	xK	x
<p><b>Source:</b> 60L = 60 LED's</p>	<p><b>Color Temperature:<sup>1</sup></b>  <input type="checkbox"/> 4K = 4000K  <input type="checkbox"/> 5K = 5000K  <input type="checkbox"/> 2K = 580nm - Amber</p>	<p><b>Voltage:</b>  <input type="checkbox"/> 120 = 120V  <input type="checkbox"/> 208 = 208V  <input type="checkbox"/> 240 = 240V  <input type="checkbox"/> 277 = 277V  <input type="checkbox"/> 347 = 347V<sup>2</sup>  <input type="checkbox"/> 480 = 480V<sup>2</sup></p>

<sup>1</sup>3000K is also available on an "Engineered-to-Order" (ETO) basis.

<sup>2</sup>Due to current unavailability of 347V and 480V drivers, specification of these voltages may feature an integral step-down transformer.

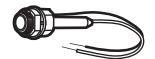
## Option Feature

### Fusing

Cat. No. (see right)  
 No Option

High temperature fuse holders factory installed inside the fixture housing.  
 Fuse included.

Line Volts:	120V	208V	240V	277V	347V	480V
Cat. No.:	<input type="checkbox"/> SF	<input type="checkbox"/> DF	<input type="checkbox"/> DF	<input type="checkbox"/> SF	<input type="checkbox"/> SF	<input type="checkbox"/> DF

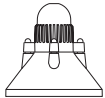


Single Fuse

Type:

Job:

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## Lumen Data

Spectroradiometric			
	580nm - Amber Average	4000K Average	5000K Average
Correlated Color Temp. CCT (K)	N/A	N/A	N/A
Color Rendering Index (CRI)	N/A	N/A	N/A
Power Factor	N/A	N/A	N/A

L70 Data (Calculated)
60,000

Electrical Drive Current		
Volts - AC	Amps - AC	System Watts
120	.58	69
208	.33	69
240	.29	69
277	.25	69
347	.20	69
480	.14	69

B.U.G. Rating (TM15) in Lumens when B = Backlight, U = Uplight, G = Glare					
Type I	Type II	Type III	Type IV	Type V	Type L/R
N/A	B2 U0 G2	B1 U0 G2	B0 U0 G2	B3 U0 G1	B1 U0 G1

Absolute Lumens						
Temperature	Type I	Type II	Type III	Type IV	Type V	Type L/R
580nm - Amber	N/A	N/A	N/A	N/A	N/A	N/A
4000K	N/A	3480	3492	3533	3569	3359
5000K	N/A	4244	4258	4308	4352	4096

LED performance and lumen output continues to improve at a rapid pace. Log onto [www.kimlighting.com](http://www.kimlighting.com) to download the most current photometric files from Kim Lighting's IES File Library. For custom optics and color temperature configurations, contact factory.

\*Data is prorated from 5000K IES files.