

# LE19-LED-KIT

19" ERA® LANTERN PICOEMITTER™ LED UPGRADE KIT

Type:  
Job:  
Catalog number:

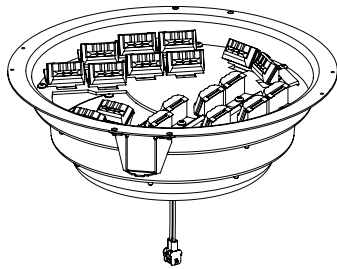


Approvals:

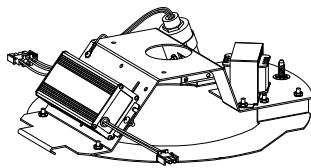
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LED Kit                      Electrical Module                      Option

## Specifications

**LE19-LED-KIT**  
60 Light Emitting Diodes



LED EmitterDeck®



Driver Assembly

**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® 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:** Precision, replaceable PicoEmitters are positioned to achieve directional control toward desired task. The entire EmitterDeck fastens to the housing as a one-piece module.

**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.

**Listed To:** UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2#250.0 Luminaires.

**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:**

- Flat Blade Screw Driver

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

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## Standard Features

### Fixture

Cat. No. designates fixture and distribution

LE19-LED-KIT

#### Upgrade Kit:

LE19-LED-KIT

x

#### Distribution:

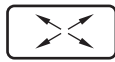
| 1 = Type I                    | 4 = Type IV  
 | 2 = Type II                | 5 = Type V  
 | 3 = Type III

| R = Type R Right   | L = Type L Left

E35

E35 = 350mA

### Light Distribution:-



TYPE I



TYPE II



TYPE III



TYPE IV



TYPE V



TYPE R  
One-Way Right



TYPE L  
One-Way Left

### Electrical Module

Cat. Nos. for Electrical Modules available:

60L

xK

#### Source:

60L = 60 LED's

#### Color Temperature:

| 2K = 580nm - Amber  
 | 3K = 3000K  
 | 4K = 4200K  
 | 5K = 5100K

x

#### Voltage:

| 120 = 120V  
 | 208 = 208V  
 | 240 = 240V  
 | 277 = 277V  
 | 347 = 347V  
 | 480 = 480V

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## Standard Features

<p><b>0-10V Dimming Interface</b></p>	<p>Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wi-HUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Pink and Purple dimming lead.</p>	
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## Optional Feature

<p><b>Fusing</b> Cat. No. <b>(See right)</b>   <b>No Option</b></p>	<p>High temperature fuse holders factory installed inside the fixture housing.</p> <table border="0"> <tr> <td>Line Volts:</td> <td>120V</td> <td>208V</td> <td>240V</td> <td>277V</td> <td>347V</td> <td>480V</td> </tr> <tr> <td>Cat. No.:</td> <td>  <b>SF</b></td> <td>  <b>DF</b></td> <td>  <b>DF</b></td> <td>  <b>SF</b></td> <td>  <b>SF</b></td> <td>  <b>DF</b></td> </tr> </table>	Line Volts:	120V	208V	240V	277V	347V	480V	Cat. No.:	<b>SF</b>	<b>DF</b>	<b>DF</b>	<b>SF</b>	<b>SF</b>	<b>DF</b>	<p>Single Fuse</p>
Line Volts:	120V	208V	240V	277V	347V	480V										
Cat. No.:	<b>SF</b>	<b>DF</b>	<b>DF</b>	<b>SF</b>	<b>SF</b>	<b>DF</b>										

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## Lumen Performance Charts

Spectroradiometric			
	3000K Average	4200K Average	5100K Average
Correlated Color Temp. CCT (K)	2800K - 3175K	3800K - 4600K	4600K - 5600K
Color Rendering Index (CRI)	80≤	80≤	≤70
Power Factor	>.90	>.90	>.90

Projected Lumen Maintenance*		
mA	100,000 hrs	Calculated L70
350 mA	93.33%	596,000 hrs.

Electrical Drive Current		
350mA		
Volts - AC	Amps - AC	System Watts
120	0.56	67
208	0.32	67
240	0.28	67
277	0.24	67
347	0.19	67
480	0.14	67

B.U.G. Rating for 350mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	TBD	B1 U0 G1	B1 U0 G1	N/A	B1 U0 G1	B0 U0 G1	B2 U0 G1	TBD
4200K	TBD	B2 U0 G2	B1 U0 G1	N/A	B1 U0 G1	B1 U0 G1	B2 U0 G1	TBD
5100K	TBD	B2 U0 G2	B1 U0 G1	N/A	B1 U0 G1	B1 U0 G1	B3 U0 G1	TBD

Absolute Lumens for 350mA								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	TBD	3714	3522	N/A	3507	2951	3685	TBD
4200K	TBD	4822	4573	N/A	4553	3830	4784	TBD
5100K	TBD	5159	4892	N/A	4871	4098	5118	TBD

LED performance and lumen output continues to improve at a rapid pace. For custom optics and color temperature configurations, contact factory. \*Data is prorated from 5000K IES files.