

Type:  
Job:  
Catalog number:



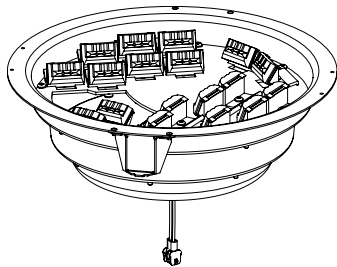
Approvals:

LED Kit      /      /      Electrical Module      Option

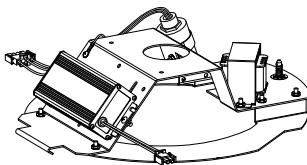
Date:  
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## Specifications

**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.

**WARRANTY:** For full warranty see <http://www.hubbellighting.com/resources/warranty>.

**Suggested Tools:**  
• Flat Blade Screw Driver



Type:

Job:

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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

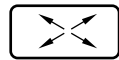
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R = Type R Right     L = Type L Left

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

Type:

Job:

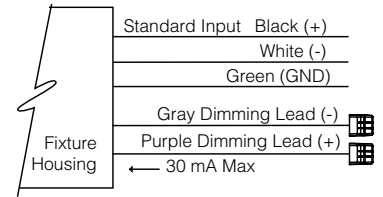
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### Standard Features

#### 0-10V Dimming Interface

Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation w-HUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.



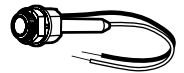
### Optional Feature

#### Fusing

Cat. No. **(See right)**  
 No Option

High temperature fuse holders factory installed inside the fixture housing.

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 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. 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.

For warranty see <http://www.hubbellighting.com/resources/warranty>