**KIM LIGHTING**

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

_____ / _____ / _____
LED Kit              Electrical Module       Option

c(UL)us LISTED

**Approvals:**

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

## Specifications

**BE21-LED-KIT**
120 Light Emitting Diodes
Maximum Weight = 50 lbs.
when installed in Era Bell LED
Total Max System Watts = 128W
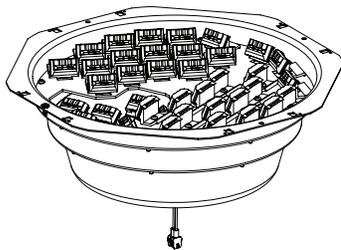


LED EmitterDeck®
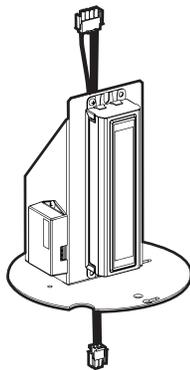


Electrical Module

**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® 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.

**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.

**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:**
• Flat Blade Screw Driver

HUBBELL
HUBBELL LIGHTING, INC.

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**Type:**
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# Standard Features

**Fixture**
Cat. No. designates fixture and distribution

BE21-LED-KIT        x                                    E35

**Upgrade Kit:**                **Distribution:**                       E35 = 350mA
BE21-LED-KIT          ☐ 1 = Type I      ☐ 4 = Type IV
                     ☐ 2 = Type II     ☐ 5 = Type V
                     ☐ 3 = Type III

                     ☐ R = Type R Right  ☐ L = Type L Left

**Light Distribution:**

TYPE II            TYPE III           TYPE IV            TYPE V

TYPE L             TYPE R
One-Way Left       One-Way Right

**Electrical Module**

Cat. Nos. for Electrical Modules available:

120L              xK                    x

**Source:**          **Color Temperature:**      **Voltage:**
120L = 120 LED's     ☐ 2K = 580nm - Amber       ☐ 120 = 120V
                     ☐ 3K = 3000K               ☐ 208 = 208V
                     ☐ 4K = 4200K               ☐ 240 = 240V
                     ☐ 5K = 5100K               ☐ 277 = 277V
                                                ☐ 347 = 347V
                                                ☐ 480 = 480V

**KIM LIGHTING**

**Type:**
**Job:**

## 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 wi-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.

Standard Input   Black (+)
White (-)
Green (GND)
Gray Dimming Lead (-)
Purple Dimming Lead (+)
← 30 mA Max

Fixture Housing

## 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.: | \| **SF** | \| **DF** | \| **DF** | \| **SF** | \| **SF** | \| **DF** |

Single Fuse

**KIM LIGHTING**
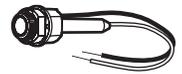
**Type:**
**Job:**

# Lumen Data

| 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 | 90.09% | 423,000 hrs |

| Electrical Drive Current | | |
|---|---|---|
| Volts - AC | Amps - AC | System Watts |
| 120 | 1.07 | 128 |
| 208 | 0.62 | 128 |
| 240 | 0.53 | 128 |
| 277 | 0.46 | 128 |
| 347 | 0.37 | 128 |
| 480 | 0.27 | 128 |

| B.U.G. Rating (TM15) in Lumens wher B = Backlight, U = Uplight, G = Glare | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Temperature | TYPE 1 | TYPE 2 | TYPE 3 | TYPE 3 NFO | TYPE 4 | TYPE 4 NFO | TYPE 5 | TYPE L/R |
| 3000K | TBD | B2 U0 G2 | B2 U0 G2 | B1 U0 G2 | B1 U0 G2 | B1 U0 G2 | B3 U0 G1 | TBD |
| 4200K | TBD | B3 U0 G3 | B2 U0 G2 | B2 U0 G2 | B1 U0 G2 | B1 U0 G2 | B3 U0 G2 | TBD |
| 5100K | TBD | B3 U0 G3 | B2 U0 G2 | B2 U0 G2 | B1 U0 G2 | B1 U0 G2 | B3 U0 G2 | TBD |

| Absolute Lumens | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Temperature | TYPE 1 | TYPE 2 | TYPE 3 | TYPE 3 NFO | TYPE 4 | TYPE 4 NFO | TYPE 5 | TYPE L/R |
| 3000K | TBD | 7899 | 7818 | 6391 | 7754 | 6509 | 8240 | TBD |
| 4200K | TBD | 10177 | 10072 | 8234 | 9990 | 8387 | 10616 | TBD |
| 5100K | TBD | 10910 | 10798 | 8827 | 10710 | 8991 | 11381 | TBD |

LED performance and lumen output continues to improve at a rapid pace. Log onto 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.

**For warranty see http://www.hubbelllighting.com/resources/warranty**