KIM LIGHTING®

BE21-LED-KIT

21" ERA® BELL PICOEMITTER™ LED UPGRADE KIT

Type:
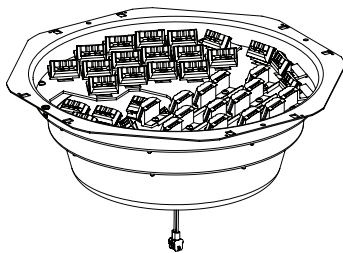**Job:**
Catalog number:

_____ / _____ / _____
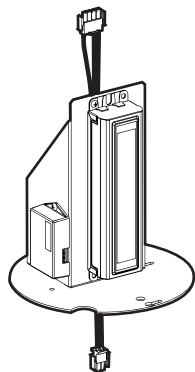LED Kit   Electrical Module   Option

Approvals:

c(UL)us LISTED

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

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

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Type:

Job:

Standard Features

Fixture

Cat. No. designates fixture and distribution

BE21-LED-KIT   x   E35

Upgrade Kit:
BE21-LED-KIT

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 = 350mA

Light Distribution:

TYPE II	TYPE III	TYPE IV	TYPE V

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

Electrical Module

Cat. Nos. for Electrical Modules available:

120L   xK   x

Source:
120L = 120 LED's

Color Temperature:

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

Voltage:

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

Current ⬡

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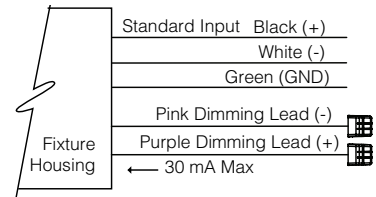21" ERA® BELL PICOEMITTER™ LED UPGRADE KIT

Type:

Standard Features

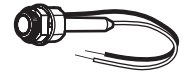| 0-10V Dimming Interface	Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wiHUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers.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

Fixture Housing

Standard Input   Black (+)
White (-)
Green (GND)

Pink Dimming Lead (-)
Purple Dimming Lead (+)
← 30 mA Max

Optional Feature

Fusing	High temperature fuse holders factory installed inside the fixture housing.					
Cat. No. **(See right)**						
| No Option						

Line Volts:	120V	208V	240V	277V	347V	480V
Cat. No.:	| **SF**	| **DF**	| **DF**	| **SF**	| **SF**	| **DF**

Single Fuse

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Type:

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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.
For custom optics and color temperature configurations, contact factory.

Current