

AE17-LED-KIT

17" ERA® ACORN PICOEMITTER™
LED UPGRADE KIT

Type:

Job:

Catalog number:



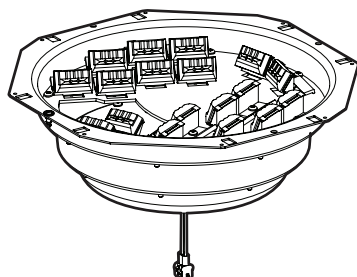
Approvals:

LED Kit / Electrical Module / Option

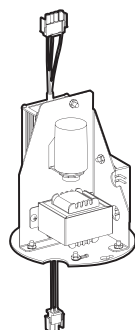
Specifications

AE17-LED-KIT

60 Light Emitting Diodes
Total System Watts = 68W
Maximum Weight = 30 lbs.
when installed in Era Acorn 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® 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 PicoEmitter is 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 Screwdriver

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

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Standard Features

Fixture

Cat. No. designates fixture and distribution

AE17-LED-KIT

Upgrade Kit:
AE17-LED-KIT

x

Distribution:

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

I R = Type R Right I L = Type L Left

E35

E35 = 350mA

Light Distribution:



TYPE II



TYPE III



TYPE IV



TYPE V



TYPE L



TYPE R

Electrical Module

Cat. Nos. for Electrical Modules available:

60L

Source:

60L = 60 LED's

xK

Color Temperature:

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

x

Voltage:

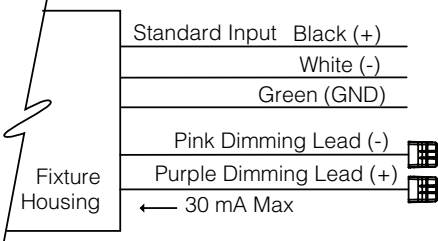
I 120 = 120V
I 208 = 208V
I 240 = 240V
I 277 = 277V
I 347 = 347V²
I 480 = 480V²

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

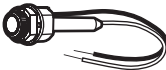
Type:
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Standard Features

0-10V Dimming Interface	<p>Driver has a 0-10V dimming interface with a dimming range of 10-100%. 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> <div><p>Standard Input Black (+) White (-) Green (GND) Pink Dimming Lead (-) Purple Dimming Lead (+) ← 30 mA Max</p></div>
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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

Neighbor Friendly Optic: Cat. No. NFO No Option	Integrated Neighbor Friendly Optic on each PicoEmitter™ module to completely control unwanted backlight. Most effective with Type III and IV distributions.			
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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	94.10%	695,000 hrs.

Electrical Drive Current		
Volts - AC	Amps - AC	System Watts
120	0.57	68
208	0.33	68
240	0.28	68
277	0.25	68
347	0.20	68
480	0.14	68

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 U2 G2	B1 U2 G1	TBD	B1 U2 G2	B0 U2 G1	B2 U2 G1	TBD
4200K	TBD	B2 U2 G2	B2 U2 G2	TBD	B1 U2 G2	B0 U2 G2	B2 U2 G1	TBD
5100K	TBD	B2 U2 G2	B2 U2 G2	TBD	B1 U2 G2	B0 U2 G2	B2 U2 G1	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	4815	4738	TBD	4784	3987	4834	TBD
4200K	TBD	6310	6210	TBD	6270	5225	6336	TBD
5100K	TBD	6687	6581	TBD	6645	5537	6714	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.