SOLID STATE AREA LIGHTING

LA E SERIES-LED

SPECIFICATIONS

LUMINAIRE
One piece high impact polycarbonate patterned diffusing globe provided with durable corrosion resistant cast aluminum fitter. Standard fitter has 3” I.D. opening for tenon. All hardware is stainless steel.

LED POWER ARRAY™
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED’s and is mechanically fastened to a radial aluminum heat sink. An acrylic Lens and end cap protects the LED Tube’s internal components.

ANGLED POWER ARRAY™: Micro-Reflectors mounted around each LED control the raw light output. LED Tubes are uniquely aimed horizontally and vertically and combined to produce highly efficient IES Distribution Types II, III, IV and V. Used in conjunction with a clear patterned diffusing globe.

VERTICAL POWER ARRAY™ WITH GLASS REFRAC TOR:
LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Array is secured within a 6” Prismatic Glass Refractor which provides the optical control. Used in conjunction with a clear patterned diffusing globe.

VERTICAL POWER ARRAY™: LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution. Used in conjunction with an opal patterned diffusing globe.

LED EMITTERS
High Output LED’s are driven at 350mA for nominal 1 Watt output each. LED’s are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.
LAE SERIES - LED

SPECIFICATIONS

OPTIONAL FITTERS

LAE1-YB  LAE2-YB

LAE1-YD*  LAE2-YD*

LAE1-YE*  LAE2-YE*

LAE1-YG  LAE2-YC

* AVAILABLE WITH MINI BUTTON PHOTOCELLS
*SEE OPTIONS

LENS OPTIONS:

APA - Angled Array
Base Mount

GRV - Glass Refractor w/ Vertical Array
Base Mount

VPA - Vertical Array
Base Mount

LED POWER ARRAY™ MODULES

LAE1-LED E.P.A. = 1.61
ANGLED ARRAY
Available in:
10 Array  80 LED Max.

GLASS REFRACTOR w/ VERTICAL ARRAY
Available in:
6 Array  36 LED Max.

LAE2-LED E.P.A. = 1.19
ANGLED ARRAY
Available in:
8 Array  48 LED Max.

GLASS REFRACTOR w/ VERTICAL ARRAY
Available in:
6 Array  36 LED Max.

ORDER INFORMATION

ORDERING INFORMATION

LUMINAIRE-FITTER  OPTICS  # of LED’s  COLOR  VOLTAGE  MOUNTING  FINISH  OPTIONS

LUMINAIRE-FITTER

LAE1-LED-YA  LAE1-LED-YB  LAE1-LED-YD  LAE1-LED-YE  LAE1-LED-YG

LAE2-LED-YA  LAE2-LED-YB  LAE2-LED-YD  LAE2-LED-YE  LAE2-LED-YC

OPTICS

ANGLED POWER ARRAY
(CLEAR PATTERNED LENS)

APA - II
APA - III
APA - IV
APA - V

GLASS REFRACTOR
(CLEAR PATTERNED LENS)

GRV - III
GRV - V

VERTICAL POWER ARRAY
(CLEAR LENS)

VPA - SYM

LED

No. LEDs
LAE1  LAE2
80LED (89 Watts)  48LED (53 Watts)
60LED (67 Watts)  32LED (36 Watts)
40LED (45 Watts)

COLOR
COLOR
NW (4000K)*  CW (5000K)  WW (3000K)

VOLTAGE

ARM MOUNT

1  2-180  2-90  3-90  3-120  4-90

WALL MOUNT

WM

POST TOP

PT

STANDARD TEXTURED FINISH

BLACK  RAL-9005-T
WHITE  RAL-9003-T
GREY  RAL-7004-T
DARK BRONZE  RAL-8019-T
GREEN  RAL-6005-T

ORIONAL FINAL  OF
HOUSE SIDE SHIELD  HS
DIMMBLE DRIVER(S) (0-10V)  DIM
HIGHLOW DIMMING FOR HARDWIRED SWITCHING OR NONINTEGRATED MOTION SENSOR  HLSW
PHOTO CELL + VOLTAGE (EXAMPLE: PC-120V)  PC+V
10KV SURGE PROTECTOR  10SP
20KV SURGE PROTECTOR (277V & 480V Only)  20SP

OPTIONS

LENS OPTIONS:

CLEAR PATTERNED POLYCARBONATE  CP (STANDARD LENS)
ORAL PATTERNED POLYCARBONATE  WP
CLEAR PATTERNED ACRYLIC  CA
BRASS FINIAL  BF
ORNAMENTAL FINIAL  OF
HOUSE SIDE SHIELD  HS
DIMMBLE DRIVER(S) (0-10V)  DIM
HIGHLOW DIMMING FOR HARDWIRED SWITCHING OR NONINTEGRATED MOTION SENSOR  HLSW
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