

SOLID STATE AREA LIGHTING

LAER SERIES-LED

SPECIFICATIONS

LUMINAIRE

One piece high impact polycarbonate prismatic refracting globe provided with durable corrosion resistant cast aluminum Fitter. Standard Fitters have 3" I.D. opening for tenon. Stainless steel hardware.

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.

VERTICAL POWER™ ARRAY WITH REFRACTING

GLOBE: LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Used in conjunction with the external prismatic refracting globe which provides the optical control.

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

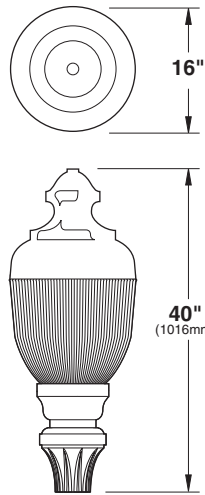
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Main Power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 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.

PROJECT NAME: _____

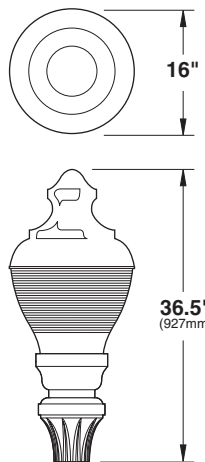
PROJECT TYPE: _____



LAER 1*

* SHOWN WITH -YE FITTER

PATENT PENDING



LAER 2*

* SHOWN WITH -YE FITTER

PATENT PENDING

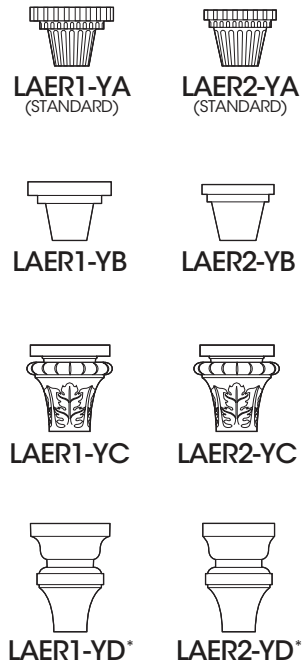


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LAER SERIES - LED

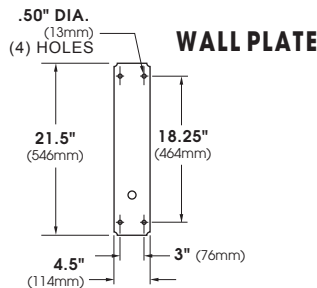
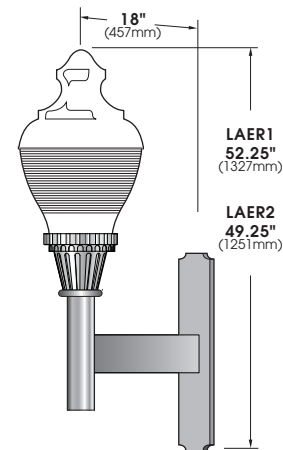
S P E C I F I C A T I O N S

OPTIONAL FITTERS



* SUITABLE FOR USE WITH
TWIST LOCK PHOTOCELL
SEE OPTIONS

WALL MOUNT



ARM BRACKET EXTRUDED AND CAST
ALUMINUM CONSTRUCTION.

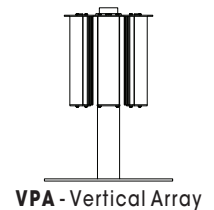
LED POWER ARRAY™ MODULES



LAER1-LED
E.P.A. = 1.67
Available in:
36 LED Module
48 LED Module
64 LED Module
80 LED Module



LAER2-LED
E.P.A. = 1.33
Available in:
36 LED Module
48 LED Module
64 LED Module



BRASS
FINIAL

ORNAMENTAL
FINIAL

PATENT PENDING

O R D E R I N G I N F O R M A T I O N

LUMINAIRE-FITTER	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED	MOUNTING	FINISH	OPTIONS		
LUMINAIRE-FITTER	VERTICAL POWER ARRAY (CLEAR PRISMATIC GLOBE)	# of LEDs	COLOR	VOLTAGE	ARM MOUNT	STANDARD TEXTURED FINISH	LENS OPTIONS:
<input type="checkbox"/> LAER1-LED-YA <input type="checkbox"/> LAER1-LED-YB <input type="checkbox"/> LAER1-LED-YC <input type="checkbox"/> LAER1-LED-YD <input type="checkbox"/> LAER1-LED-YE <input type="checkbox"/> LAER2-LED-YA <input type="checkbox"/> LAER2-LED-YB <input type="checkbox"/> LAER2-LED-YC <input type="checkbox"/> LAER2-LED-YD <input type="checkbox"/> LAER2-LED-YE	<input type="checkbox"/> VPA - III <input type="checkbox"/> VPA - V	LAER1 <input type="checkbox"/> 80LED (90 Watts) <input type="checkbox"/> 64LED (71 Watts) <input type="checkbox"/> 48LED (53 Watts) <input type="checkbox"/> 36LED (41 Watts) <small>Wattages are Max Input Watts</small> LAER2 <input type="checkbox"/> 64LED (71 Watts) <input type="checkbox"/> 48LED (53 Watts) <input type="checkbox"/> 36LED (41 Watts) <small>Wattages are Max Input Watts</small>	<input type="checkbox"/> NW (4000K)* * STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	<input type="checkbox"/> 1 <input type="checkbox"/> 2-180 <input type="checkbox"/> 2-90 <input type="checkbox"/> 3-90 <input type="checkbox"/> 3-120 <input type="checkbox"/> 4-90 WALL MOUNT <input type="checkbox"/> WM POST TOP <input type="checkbox"/> PT	<input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DARK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500) <small>SEE USALTG.COM FOR ADDITIONAL COLORS</small>	<input type="checkbox"/> CLEAR PRISMATIC POLYCARBONATE ... CP (STANDARD GLOBE) <input type="checkbox"/> CLEAR PRISMATIC ACRYLIC CA <input type="checkbox"/> BRASS FINIAL BF <input type="checkbox"/> ORNAMENTAL FINIAL OF <input type="checkbox"/> HOUSE SIDE SHIELD... HS <input type="checkbox"/> DIMMABLE DRIVER(S) (0-10V) DIM <input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR HLSW <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ... PC+V <input type="checkbox"/> 10KV SURGE PROTECTOR 10SP <input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only) ... 20SP