

SOLID STATE AREA LIGHTING

LCWA SERIES-LED

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

LUMINAIRE

Acrylic diffusing lens provided with durable corrosion resistant cast aluminum housing. Top is hinged for access. Post-top luminaire base 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.

VERTICAL POWER ARRAY™ WITH GLASS REFRACTOR:

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 clear smooth or clear patterned lenses.

VERTICAL POWER ARRAY™ WITH GLASS REFRACTOR:

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 opal patterned lens.

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: _____

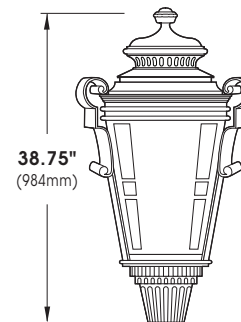
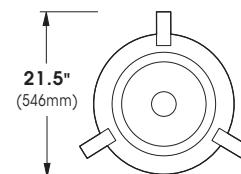
PROJECT TYPE: _____



LCWA*

* SHOWN WITH -YA FITTER

PATENT PENDING



2014250

LCWA SERIES - LED

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

OPTIONAL FITTERS



LCWA-YA

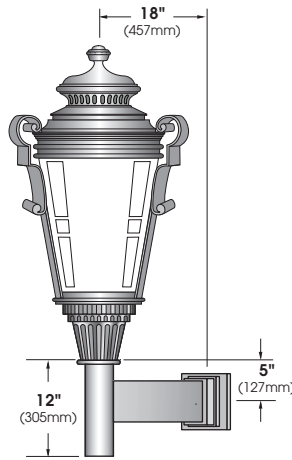


LCWA-YC



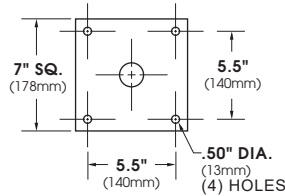
LCWA-YD

WALL MOUNT



EXTRUDED ALUMINUM ARM BRACKET AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN GASKETED WIRE ACCESS FOR FIXTURE/SUPPLY WIRE CONNECTION.

WALL PLATE



LED POWER ARRAY™ MODULES



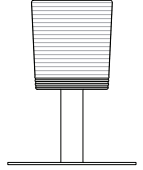
LCWA-LED E.P.A.= 2.34

GLASS REFRACTOR w/ VERTICAL ARRAY

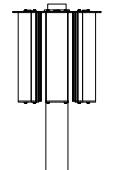
Available in:
6 Array 36 LED Max.

VERTICAL ARRAY

Available in:
8 Array 64 LED Max.
10 Array 80 LED Max.



GRV - Glass Refractor w/ Vertical Array Base mount



VPA - Vertical Array Base mount

Spec/Order Example: LCWA-LED/GRV-III/36CW480/1/RAL8019-S/HS

S P E C / O R D E R I N G I N F O R M A T I O N

LUMINAIRE	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED	LED	LED	MOUNTING	FINISH	OPTIONS
<input type="checkbox"/> LCWA <input type="checkbox"/> LCWA-YA <input type="checkbox"/> LCWA-YC <input type="checkbox"/> LCWA-YD	GLASS REFRACTOR (CLEAR PATTERNED LENS STANDARD) <input type="checkbox"/> GRV - III <input type="checkbox"/> GRV - V VERTICAL POWER ARRAY (OPAL LENS STANDARD) <input type="checkbox"/> VPA - SYM USE OPAL SMOOTH ACRYLIC (WA) OR CLEAR PATTERNED ACRYLIC (CPA) ONLY WITH VPA-SYM	No. LEDs <input type="checkbox"/> 36LED (41 Watts) Wattages are Max Input Watts <input type="checkbox"/> 80LED (89 Watts) <input type="checkbox"/> 64LED (72 Watts) <input type="checkbox"/> 48LED (53 Watts) Wattages are Max Input Watts	<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	ARM MOUNT <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	STANDARD TEXTURED FINISH <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 REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S) SEE USALTG.COM FOR ADDITIONAL COLORS	LENS OPTIONS: <input type="checkbox"/> CLEAR PATTERNED ACRYLIC CPA <input type="checkbox"/> CLEAR SMOOTH ACRYLIC CA <input type="checkbox"/> OPAL SMOOTH ACRYLIC WA <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