

# 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: \_\_\_\_\_

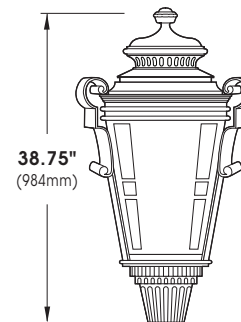
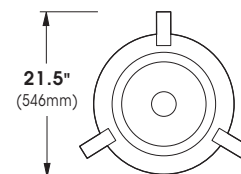
PROJECT TYPE: \_\_\_\_\_



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

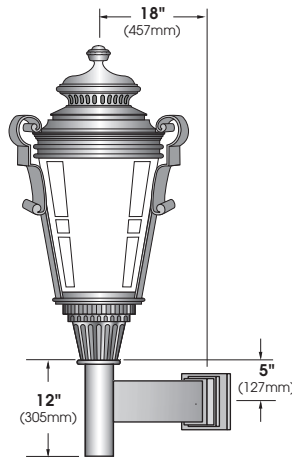


LCWA-YC



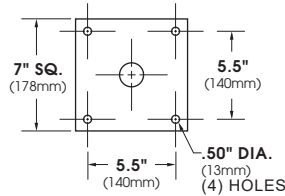
LCWA-YD

### 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



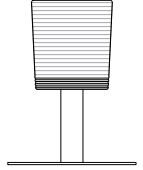
LCWA-LED E.P.A.= 2.34

### GLASS REFRACTOR w/ VERTICAL ARRAY

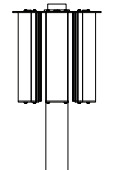
Available in:  
6 Array 36 LED Max.

### 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
<b>LUMINAIRE</b>	<b>OPTICS</b>	<b>LED</b>	<b>MOUNTING</b>	<b>FINISH</b>	<b>OPTIONS</b>		
<b>LUMINAIRE</b>	<b>GLASS REFRACTOR</b> (CLEAR PATTERNED LENS STANDARD)	<b>No. LEDs</b>	<b>COLOR</b>	<b>VOLTAGE</b>	<b>ARM MOUNT</b>	<b>STANDARD TEXTURED FINISH</b>	<b>LENS OPTIONS:</b>
<input type="checkbox"/> LCWA <input type="checkbox"/> LCWA-YA <input type="checkbox"/> LCWA-YC <input type="checkbox"/> LCWA-YD	<input type="checkbox"/> GRV - III ..... <input type="checkbox"/> GRV - V .....	<input type="checkbox"/> 36LED (41 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	<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 .....	<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	<input type="checkbox"/> CLEAR PATTERNED ACRYLIC ..... CPA <input type="checkbox"/> CLEAR SMOOTH ACRYLIC ..... CA <input type="checkbox"/> OPAL SMOOTH ACRYLIC ..... WA
	<b>VERTICAL POWER ARRAY</b> (OPAL LENS STANDARD)				<b>WALL MOUNT</b>	<b>FOR SMOOTH FINISH</b> REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)	<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
	<input type="checkbox"/> VPA - SYM .....  USE OPAL SMOOTH ACRYLIC (WA) OR CLEAR PATTERNED ACRYLIC (CPA) ONLY WITH VPA-SYM	<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"/> WM .....	SEE USALTG.COM FOR ADDITIONAL COLORS	
					<b>POST TOP</b>		
					<input type="checkbox"/> PT .....		