

# SOLID STATE AREA LIGHTING

# OV SERIES-LED

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

### LUMINAIRE

High Impact polycarbonate lens provided with durable corrosion resistant cast aluminum housing and cage. Heavy gauge formed aluminum reflector. Top is hinged for access. Pendant Mount uses Trulevel™ ball coupling mount. 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 lens.

**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 smooth diffusing 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. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

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

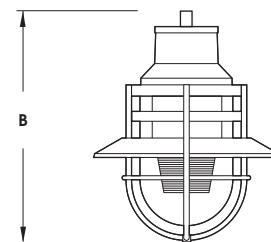
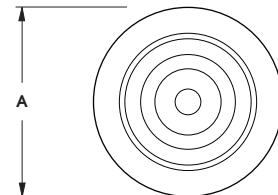
PROJECT TYPE: \_\_\_\_\_



OV \*

\* OV-1 w/XBZ-PM ARM SHOWN

PATENT PENDING



FIXTURE	A	B
OV1	24" 610mm	28" 711mm
OV2	16" 406mm	20" 508mm



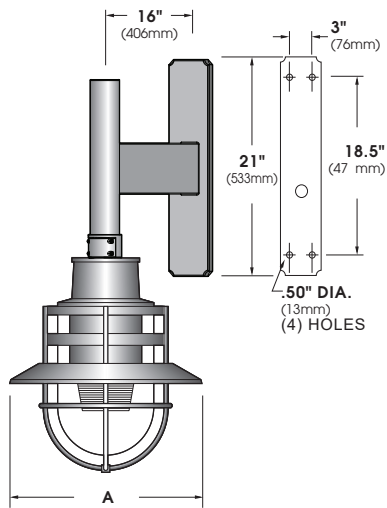
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# OV SERIES - LED

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

### WALL MOUNT

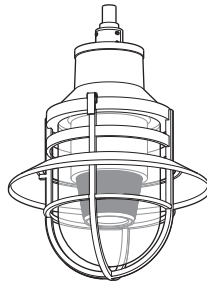


FIXTURE	A
OV1	24" 610mm
OV2	16" 406mm

EXTRUDED ALUMINUM ARM AND  
CAST ALUMINUM WALL BRACKET.

SHOWN WITH XAO-WM.

### LED POWER ARRAY™ MODULES



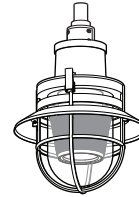
**OV1-LED** E.P.A.= 1.85

**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.



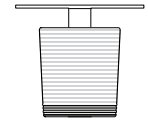
**OV2-LED** E.P.A.= 0.82

**GLASS REFRACTOR w/  
VERTICAL ARRAY**

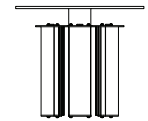
Available in:  
6 Array 36 LED Max.

**VERTICAL ARRAY**

Available in:  
6 Array 48 LED Max.



**GRV - Glass Refractor  
w/ Vertical Array  
Top Mount**



**VPA - Vertical Array  
Top Mount**

Spec/Order Example: **OV1-LED/GRV-III/36WW208/2-90/RAL6005-T/10SP**

## S P E C / 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
<b>LUMINAIRE</b>	<b>OPTICS</b>	<b>LED</b>			<b>MOUNTING</b>	<b>FINISH</b>	<b>OPTIONS</b>
<b>LUMINAIRE-FITTER</b>	<b>GLASS REFRACTOR</b> (CLEAR SMOOTH POLYCARBONATE STANDARD)	<b># of LEDs</b>	<b>COLOR</b>		<b>ARM MOUNT</b>	<b>STANDARD TEXTURED FINISH</b>	<b>LENS OPTIONS:</b>
<input type="checkbox"/> OV1-LED	<input type="checkbox"/> GRV - III	<input type="checkbox"/> OV1 36LED (40 Watts)	<input type="checkbox"/> NW (4000K)* *STANDARD		<input type="checkbox"/> XPD	<input type="checkbox"/> BLACK RAL-9005-T	<input type="checkbox"/> CLEAR SMOOTH ACRYLIC . . . . . CA
<input type="checkbox"/> OV2-LED	<input type="checkbox"/> GRV - V	<input type="checkbox"/> OV2 36LED (40 Watts)	<input type="checkbox"/> CW (5000K)		<input type="checkbox"/> XPK	<input type="checkbox"/> WHITE RAL-9003-T	<input type="checkbox"/> OPAL SMOOTH ACRYLIC . . . . . WA
			<input type="checkbox"/> WW (3000K)		<input type="checkbox"/> 1	<input type="checkbox"/> GREY RAL-7004-T	<input type="checkbox"/> CLEAR SMOOTH POLYCARBONATE . . . . . CP
		<small>Wattages are Max Input Watts</small>	<b>OTHER LED COLORS AVAILABLE CONSULT FACTORY</b>		<input type="checkbox"/> 2-180	<input type="checkbox"/> DARK BRONZE RAL-8019-T	<input type="checkbox"/> OPAL SMOOTH POLYCARBONATE . . . . . WP
	<b>VERTICAL POWER ARRAY</b> (OPAL POLYCARBONATE STANDARD)	<b>OV1</b>	<b>VOLTAGE</b>		<input type="checkbox"/> 3-120	<input type="checkbox"/> GREEN RAL-6005-T	<input type="checkbox"/> HOUSE SIDE SHIELD . . . . . HS
	<input type="checkbox"/> VPA - SYM	<input type="checkbox"/> OV2	<input type="checkbox"/> 120		<input type="checkbox"/> 4-90		<input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR . . . . . HLSW
		<input type="checkbox"/> 80LED (89 Watts)	<input type="checkbox"/> 208		<input type="checkbox"/> WM	<small>FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)</small>	<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) . . . . . PC+V
		<input type="checkbox"/> 64LED (71 Watts)	<input type="checkbox"/> 240		<small>SEE USALTG.COM FOR ADDITIONAL ARM STYLES</small>	<small>SEE USALTG.COM FOR ADDITIONAL COLORS</small>	<input type="checkbox"/> SINGLE FUSE (120V, 277V, 347V) . . . SF
		<input type="checkbox"/> 48LED (53 Watts)	<input type="checkbox"/> 277				<input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) . . DF
			<input type="checkbox"/> 347				
			<input type="checkbox"/> 480				

