

SOLID STATE AREA LIGHTING

LCM SERIES-LED

SPECIFICATIONS

LUMINAIRE

High Impact clear polycarbonate diffusing lenses provided with durable corrosion resistant cast aluminum housing. Top is hinged for access. 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.

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 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 clear smooth or clear patterned diffusing lenses.

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 opal diffusing lenses.

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.

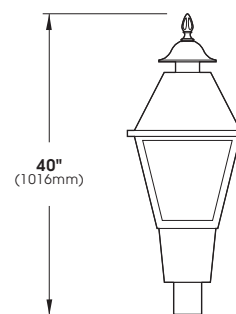
PROJECT NAME: _____

PROJECT TYPE: _____



LCM

PATENT PENDING

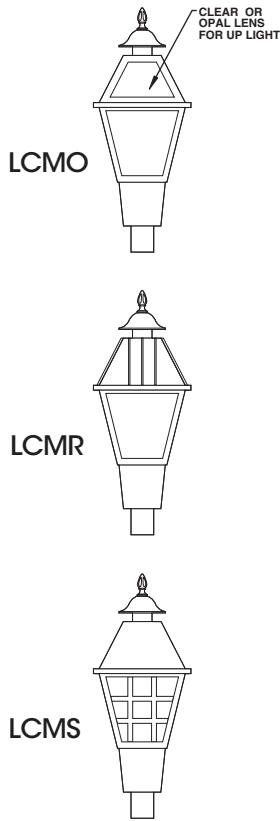


2013141

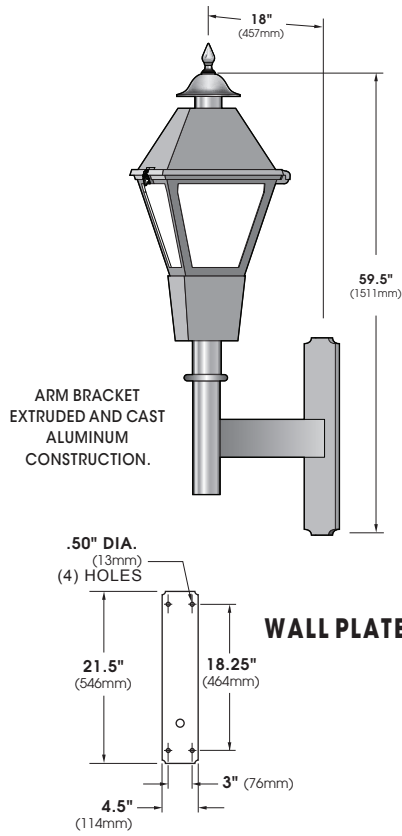
LCM SERIES - LED

SPECIFICATIONS

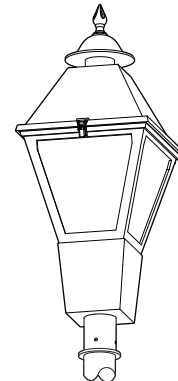
OPTIONAL STYLES



WALL MOUNT



LED POWER ARRAY™ MODULES

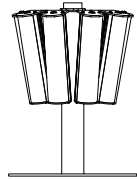


LCM SERIES-LED
E.P.A. = 2.60

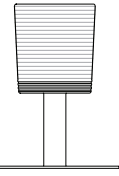
ANGLED ARRAY
Available in:
8 Array 48 LED Max.

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

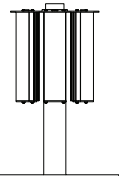
VERTICAL ARRAY
Available in:
6 Array 48 LED Max.
8 Array 64 LED Max.



APA - Angled Array
Base mount



**GRV - Glass Refractor
w/ Vertical Array**
Base mount



VPA - Vertical Array
Base mount

(Specifications subject to change
without prior notice.)

PATENT PENDING

ORDERING INFORMATION

LUMINAIRE	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED	MOUNTING	FINISH	OPTIONS		
LUMINAIRE	ANGLED POWER ARRAY (CLEAR PATTERNED LENS)	No. LEDs	COLOR	VOLTAGE	ARM MOUNT	STANDARD TEXTURED FINISH	LENS OPTIONS:
<input type="checkbox"/> LCM-LED	<input type="checkbox"/> APA - II	<input type="checkbox"/> 48LED (53 Watts)	<input type="checkbox"/> NW (4000K)* *STANDARD	<input type="checkbox"/> 120	<input type="checkbox"/> 1	<input type="checkbox"/> BLACK RAL-9005-T	<input type="checkbox"/> CLEAR PATTERNED POLYCARBONATE ... CPP (STANDARD LENS)
<input type="checkbox"/> LCMO-LED	<input type="checkbox"/> APA - III	<input type="checkbox"/> 32LED (36 Watts)	<input type="checkbox"/> CW (5000K)	<input type="checkbox"/> 208	<input type="checkbox"/> 2-180	<input type="checkbox"/> WHITE RAL-9003-T	<input type="checkbox"/> CLEAR SMOOTH POLYCARBONATE ... CP
<input type="checkbox"/> LCMR-LED	<input type="checkbox"/> APA - IV		<input type="checkbox"/> WW (3000K)	<input type="checkbox"/> 240	<input type="checkbox"/> 2-90	<input type="checkbox"/> GREY RAL-7004-T	<input type="checkbox"/> OPAL SMOOTH ACRYLIC ... WP
<input type="checkbox"/> LCMS-LED	<input type="checkbox"/> APA - V		OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 277	<input type="checkbox"/> 3-90	<input type="checkbox"/> DARK BRONZE RAL-8019-T	<input type="checkbox"/> CLEAR PATTERNED ACRYLIC ... CPA
		Wattages are Max Input Watts		<input type="checkbox"/> 347	<input type="checkbox"/> 3-120	<input type="checkbox"/> GREEN RAL-6005-T	<input type="checkbox"/> CLEAR SMOOTH ACRYLIC ... CA
	GLASS REFRACTOR (CLEAR PATTERNED OR CLEAR SMOOTH LENS)	<input type="checkbox"/> 36LED (41 Watts)		<input type="checkbox"/> 480	<input type="checkbox"/> 4-90		<input type="checkbox"/> OPAL SMOOTH POLYCARBONATE ... WA
	<input type="checkbox"/> GRV - III				WALL MOUNT	FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500)	<input type="checkbox"/> HOUSE SIDE SHIELD ... HS
	<input type="checkbox"/> GRV - V	Wattages are Max Input Watts			<input type="checkbox"/> WM	SEE USALTG.COM FOR ADDITIONAL COLORS	<input type="checkbox"/> DIMMABLE DRIVER(S) (0-10V) ... DIM
	VERTICAL POWER ARRAY (OPAL LENS)	<input type="checkbox"/> 64LED (72 Watts)			POST TOP		<input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR ... HLSW
	<input type="checkbox"/> VPA - SYM	<input type="checkbox"/> 48LED (53 Watts)			<input type="checkbox"/> PT		<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ... PC+V
		<input type="checkbox"/> 36LED (41 Watts)					<input type="checkbox"/> 10KV SURGE PROTECTOR ... 10SP
		Wattages are Max Input Watts					<input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only) ... 20SP