

SOLID STATE AREA LIGHTING

LCWB SERIES-LED

SPECIFICATIONS

LUMINAIRE

High Impact clear prismatic polycarbonate lens provided with durable corrosion resistant cast aluminum housing. Lens frame is hinged for access. Post-top luminaire base has 3" I.D. opening for tenon. Pendant Mount uses Tru-Level™ 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.

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 prismatic 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 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

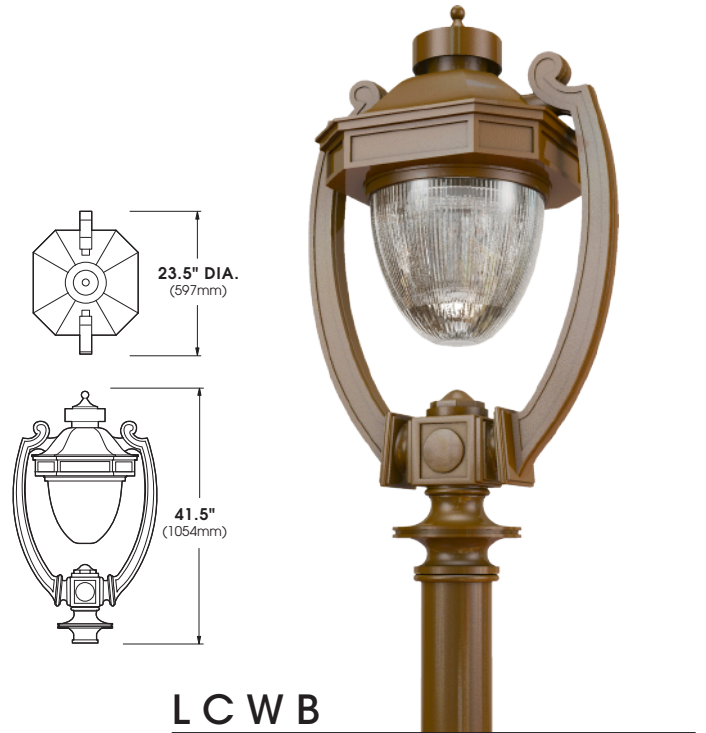
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH

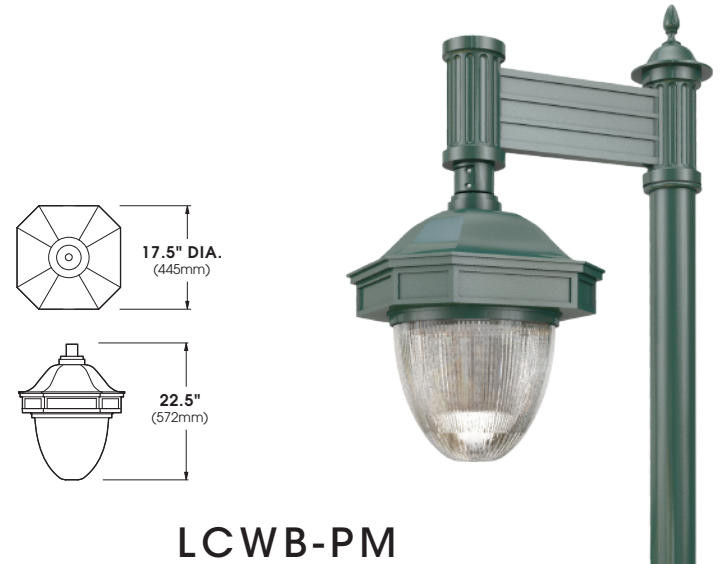
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

PROJECT NAME: _____

PROJECT TYPE: _____



PATENT PENDING



(PENDANT MOUNT)

PATENT PENDING

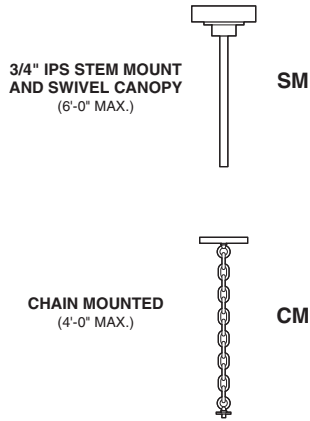


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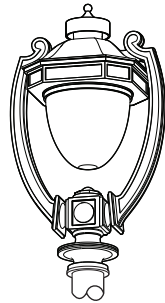
LCWB SERIES - LED

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

OPTIONAL MOUNTS



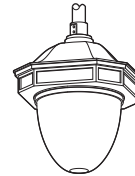
LED POWER ARRAY™ MODULES



LCWB-LED E.P.A. = 1.91

ANGLED POWER ARRAY
Available in:
80 LED Max.

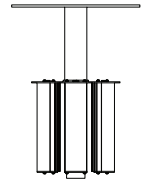
VERTICAL ARRAY
Available in:
80 LED Max.



LCWB-PM-LED E.P.A. = 1.10

ANGLED POWER ARRAY
Available in:
80 LED Max.

VERTICAL ARRAY
Available in:



VPA - Vertical Array
Top mount



APA - Angled Array
Top mount

(Specifications subject to change without prior notice.)

PATENT PENDING

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			MOUNTING	FINISH	OPTIONS
<input type="checkbox"/> LCWB <input type="checkbox"/> LCWB-PM (PENDANT MOUNT)	ANGLED POWER ARRAY (CLEAR PRISMATIC LENS) <input type="checkbox"/> APA - II <input type="checkbox"/> APA - III <input type="checkbox"/> APA - IV <input type="checkbox"/> APA - V VERTICAL POWER ARRAY (OPAL LENS) <input type="checkbox"/> VPA - SYM	No. LEDs <input type="checkbox"/> 80LED (89 Watts) <input type="checkbox"/> 60LED (67 Watts) <input type="checkbox"/> 40LED (45 Watts) <small>Wattages are Max Input Watts</small>	<input type="checkbox"/> NW (4000K)* * STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) <small>OTHER LED COLORS AVAILABLE CONSULT FACTORY</small>	<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 <small>FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500)</small> <small>SEE USALTG.COM FOR ADDITIONAL COLORS</small>	LENS OPTIONS: <input type="checkbox"/> CLEAR PRISMATIC POLYCARBONATE CP (STANDARD LENS) <input type="checkbox"/> CLEAR PRISMATIC ACRYLIC CA <input type="checkbox"/> OPAL SMOOTH ACRYLIC WA <input type="checkbox"/> STEM MOUNT + LENGTH(IN) (EXAMPLE: SM48) SM+L <input type="checkbox"/> CHAIN MOUNT + LENGTH(IN) (EXAMPLE: CM48) CM+L <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