

SOLID STATE AREA LIGHTING

PROJECT NAME: _____

LAG SERIES-LED SPECIFICATIONS

PROJECT TYPE: _____

LUMINAIRE

One piece high impact polycarbonate patterned diffusing globe provided with durable corrosion resistant cast aluminum fitter and heavy gauge formed aluminum top. Standard fitter 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 globe.

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 a clear patterned diffusing globe.

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 patterned diffusing globe.

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

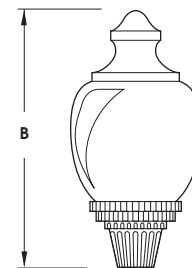
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.



LAG*

* SHOWN WITH STANDARD -YA FITTER

PATENT PENDING



FIXTURE	A	B
LAG1	16.5" 419mm	33" 838mm
LAG2	14" 356mm	28.5" 724mm



2013140

LAG SERIES - LED

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

OPTIONAL FITTERS



LAG1-YB



LAG2-YB



LAG1-YD*



LAG2-YD*



LAG1-YE*



LAG2-YE*



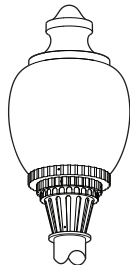
LAG1-YG



LAG2-YG

* AVAILABLE WITH MINI BUTTON PHOTOCELLS
SEE OPTIONS

LED POWER ARRAY™ MODULES



LAG1-LED E.P.A.=1.66

ANGLED ARRAY
Available in:
10 Array 80 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.
10 Array 80 LED Max.

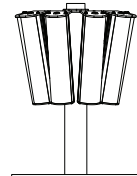


LAG2-LED E.P.A.=1.23

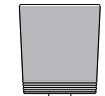
ANGLED ARRAY
Available in:
8 Array 48 LED Max.

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

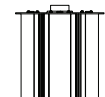
VERTICAL ARRAY
Available in:
6 Array 48 LED Max.
8 Array 64 LED Max.



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.)

BRASS
FINIAL

ORNAMENTAL
FINIAL

PATENT PENDING

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
LUMINAIRE-FITTER	OPTICS	LED			MOUNTING	FINISH	OPTIONS
LUMINAIRE-FITTER	ANGLED POWER ARRAY (CLEAR PATTERNED LENS)	No. LEDs	COLOR		ARM MOUNT	STANDARD TEXTURED FINISH	LENS OPTIONS:
<input type="checkbox"/> LAG1-LED-YA	<input type="checkbox"/> APA - II	LAG1	<input type="checkbox"/> NW (4000K)* *STANDARD	<input type="checkbox"/> 1	<input type="checkbox"/> BLACK RAL-9005-T	<input type="checkbox"/> CLEAR PATTERNED POLYCARBONATE ... CP (STANDARD GLOBE)	<input type="checkbox"/> OPAL PATTERNED POLYCARBONATE ... WP
<input type="checkbox"/> LAG1-LED-YB	<input type="checkbox"/> APA - III	LAG2	<input type="checkbox"/> CW (5000K)	<input type="checkbox"/> 2-180	<input type="checkbox"/> WHITE RAL-9003-T	<input type="checkbox"/> CLEAR PATTERNED ACRYLIC ... CA (AVAILABLE IN LAG1 MODEL ONLY)	<input type="checkbox"/> BRASS FINIAL ... BF
<input type="checkbox"/> LAG1-LED-YD	<input type="checkbox"/> APA - IV	80LED (89 Watts)	<input type="checkbox"/> WW (3000K)	<input type="checkbox"/> 2-90	<input type="checkbox"/> GREY RAL-7004-T		<input type="checkbox"/> ORNAMENTAL FINIAL ... OF
<input type="checkbox"/> LAG1-LED-YE	<input type="checkbox"/> APA - V	48LED (53 Watts)	OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 3-90	<input type="checkbox"/> DARK BRONZE RAL-8019-T		<input type="checkbox"/> HOUSE SIDE SHIELD ... HS
<input type="checkbox"/> LAG1-LED-YG		60LED (67 Watts)	VOLTAGE	<input type="checkbox"/> 3-120	<input type="checkbox"/> GREEN RAL-6005-T		<input type="checkbox"/> DIMMABLE DRIVER(S) (0-10V) ... DIM
		40LED (45 Watts)	<input type="checkbox"/> 120	<input type="checkbox"/> 4-90			<input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR ... HLSW
		Wattages are Max Input Watts	<input type="checkbox"/> 208		WALL MOUNT	FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500)	<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ... PC+V
<input type="checkbox"/> LAG2-LED-YA	GLASS REFRACTOR (CLEAR PATTERNED LENS)	LAG1	<input type="checkbox"/> 240	<input type="checkbox"/> WM	POST TOP	SEE USALTG.COM FOR ADDITIONAL COLORS	<input type="checkbox"/> 10KV SURGE PROTECTOR ... 10SP
<input type="checkbox"/> LAG2-LED-YB	<input type="checkbox"/> GRV - III	LAG2	<input type="checkbox"/> 277	<input type="checkbox"/> PT			<input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only) ... 20SP
<input type="checkbox"/> LAG2-LED-YD	<input type="checkbox"/> GRV - V	36LED (41 Watts)	<input type="checkbox"/> 347				
<input type="checkbox"/> LAG2-LED-YE	VERTICAL POWER ARRAY (OPAL LENS)	LAG1	<input type="checkbox"/> 480				
<input type="checkbox"/> LAG2-LED-YC	<input type="checkbox"/> VPA - SYM	LAG2					
		80LED (89 Watts)					
		64LED (72 Watts)					
		48LED (53 Watts)					
		36LED (41 Watts)					
		Wattages are Max Input Watts					