

SOLID STATE AREA LIGHTING

LASER SERIES-LED

SPECIFICATIONS

HOUSING

Heavy wall corrosion resistant cast aluminum (A360 alloy; <.06% copper - Laser/A356 alloy; < 0.2% copper - Laser-G) construction. Optical housing hinges to electrical housing and locks in place with a tool-less stainless steel finger operated hex screw. Electrical housing is finned for heat dissipation and mounts over a recessed j-box (by others).

OPTICS

Beam - Bi-convex lens provides laser beam control (less than 6° spread).

Flood - For general illumination. Provides a medium flood pattern (92° spread maximum).

LED MODULE

Array of LED Tube(s) 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.

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

Constant current LED drivers are UL and cUL recognized mounted on a single plate and factory prewired with quick-disconnect plugs. Drivers are electronic and have a power factor of >.90 and a minimum operating temperature of -40°F. Drivers accept an input of 120-277V, 50/60Hz. (Consult factory for dimming applications.)

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: _____

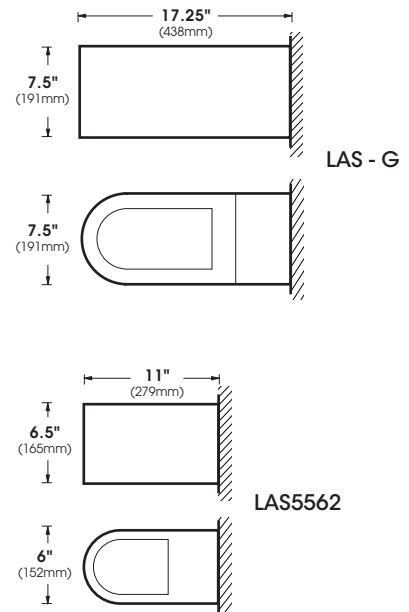
PROJECT TYPE: _____



LASER

*LAS5562 shown

PATENT PENDING

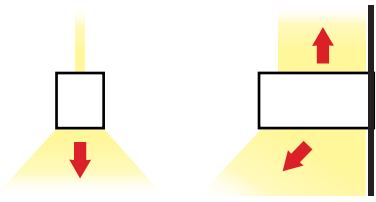
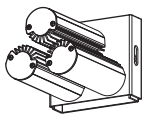
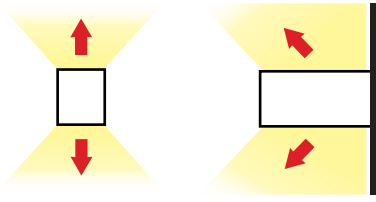
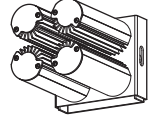
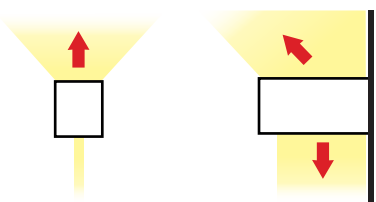
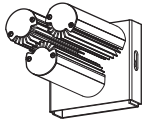
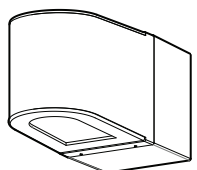
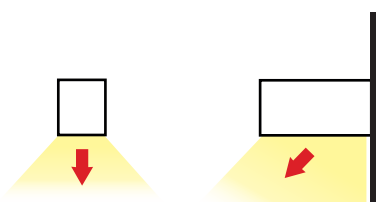
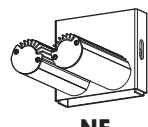
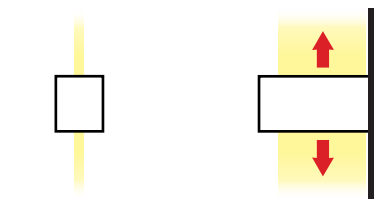
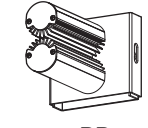
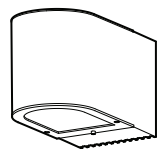
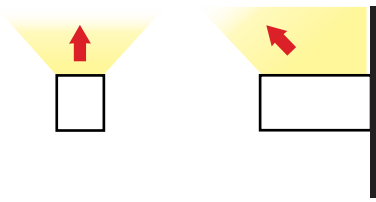
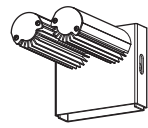


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LASER SERIES - LED

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

OPTICAL CONFIGURATIONS

<p>BF</p>  <p>Beam up, Flood down</p>	<p>BF LED Module</p> 	<p>FF</p>  <p>Flood up, Flood down</p>	<p>FF LED Module</p> 	
<p>FB</p>  <p>Flood up, Beam down</p>	<p>FB LED Module</p> 	<p>LAS-G-LED 18 LED Max.</p> 	<p>NF</p>  <p>No up light, Flood down</p>	<p>NF LED Module</p> 
<p>BB</p>  <p>Beam up, Beam down</p>	<p>BB LED Module</p> 	<p>LAS5562-LED 12 LED Max.</p>  <p>PATENT PENDING</p>	<p>FN</p>  <p>Flood up, No down light</p>	<p>FN LED Module</p> 

O R D E R I N G I N F O R M A T I O N

MODEL	No. LEDs	COLOR TEMP - CCT	VOLTAGE	OPTICS	FINISH	OPTIONS
MODEL	LED MODE			OPTICS	FINISH	OPTIONS
<input type="checkbox"/> LAS - G	<p>No. LEDs</p> <input type="checkbox"/> 18LED² (21 Watts) <input type="checkbox"/> 12LED¹ (14 Watts)	<p>COLOR TEMP - CCT</p> <input type="checkbox"/> NW (4000K)* *STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K)	<p>VOLTAGE</p> <input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277	<input type="checkbox"/>  BEAM UP, FLOOD DOWN. BF <input type="checkbox"/>  FLOOD UP, BEAM DOWN. FB	<p>STANDARD TEXTURED FINISH</p> <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"/> DIMMABLE DRIVER(S) (0-10V). DIM <input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR. HLSW
<input type="checkbox"/> LAS5562	<p>No. LEDs</p> <input type="checkbox"/> 12LED² (14 Watts) <input type="checkbox"/> 8LED¹ (9 Watts)	<p>OTHER LED COLORS AVAILABLE CONSULT FACTORY</p>		<input type="checkbox"/>  BEAM UP, BEAM DOWN. BB <input type="checkbox"/>  FLOOD UP, FLOOD DOWN. FF <input type="checkbox"/>  NO UP LIGHT, FLOOD DOWN. NF <input type="checkbox"/>  FLOOD UP, NO DOWN LIGHT. FN	<input type="checkbox"/> FOR SMOOTH FINISH REMOVE SUFFIX 'T' (EXAMPLE: RAL-9005) <p>CONSULT FACTORY FOR CUSTOM COLORS</p>	<input type="checkbox"/> 10KV SURGE PROTECTOR. 10SP <input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only). 20SP
<p>1 - NF, FN OR BB OPTICS ONLY 2 - BF, FB OR FF OPTICS ONLY</p> <p>ALL DRIVERS ACCEPT 120-277V, 50/60Hz.</p>						