

# 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 are dimmable and accept an input of 120-277V, 50/60Hz.

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

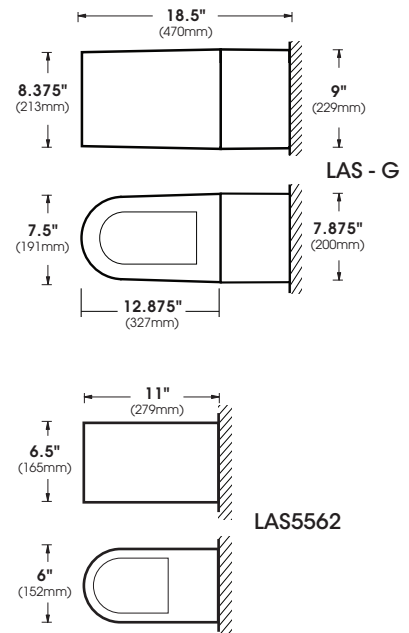
PROJECT TYPE: \_\_\_\_\_



## LASER

\*LAS5562 shown

PATENT PENDING



2019040

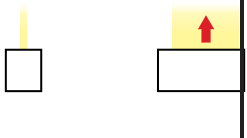


# LASER SERIES - LED

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

### OPTICAL CONFIGURATIONS

**BN**

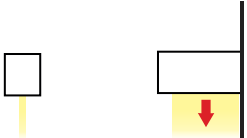


Beam up, No down light

**BN**  
LED Module

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**NB**

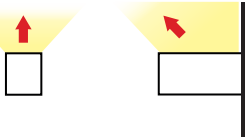


No up light, Beam down

**NB**  
LED Module

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**FN**

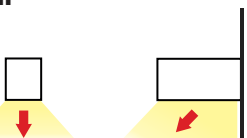


Flood up, No down light

**FN**  
LED Module

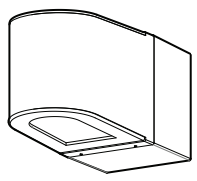
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**NF**

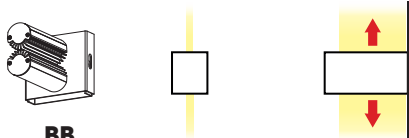


No up light, Flood down

**NF**  
LED Module

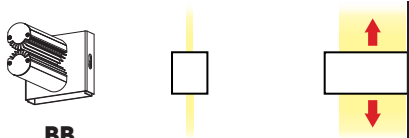


**LAS-G-LED**  
24 LED Max.  
All LAS-G models use a  
multiple of 6 LED's (per tube)



**LAS5562-LED**  
18 LED Max.  
All LAS5562 models use a  
multiple of 4 LED's (per tube)

**BB**

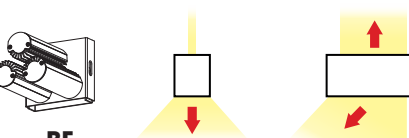


Beam up, Beam down

**BB**  
LED Module

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**BF**

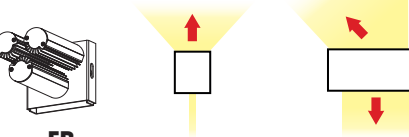


Beam up, Flood down

**BF**  
LED Module

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**FB**

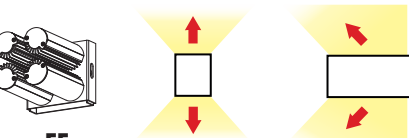


Flood up, Beam down

**FB**  
LED Module

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**FF**













Flood up, Flood down

**FF**  
LED Module

Spec/Order Example: LAS5562/4LED/BF/NW/277/RAL-9003

## S P E C / O R D E R I N G I N F O R M A T I O N

MODEL	No. LEDs	OPTICS	COLOR TEMP - CCT	VOLTAGE	FINISH	OPTIONS
<b>MODEL</b>		<b>OPTICS</b>	<b>LED MODE</b>		<b>FINISH</b>	<b>OPTIONS</b>
<b>MODEL</b>	<b>No. LEDs</b>	<input type="checkbox"/>  BEAM UP, NO DOWN LIGHT . . . . . <b>BN</b> <input type="checkbox"/>  NO UP LIGHT, BEAM DOWN. . . . . <b>NB</b>	<b>COLOR TEMP - CCT</b>	<b>VOLTAGE</b>	<b>STANDARD TEXTURED FINISH</b>	<input type="checkbox"/> SINGLE FUSE (120V, 277V, 347V) . . <b>SF</b> <input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) . . <b>DF</b> <input type="checkbox"/> SURGE PROTECTOR. . . <b>SP</b>
<input type="checkbox"/> <b>LAS - G/6LED</b> <input type="checkbox"/> <b>LAS5562/4LED</b>	<input type="checkbox"/>  FLOOD UP, NO DOWN LIGHT. . . . . <b>FN</b> <input type="checkbox"/>  NO UP LIGHT, FLOOD DOWN. . . . . <b>NF</b> <input type="checkbox"/>  BEAM UP, BEAM DOWN. . . . . <b>BB</b>	<input type="checkbox"/> <b>NW (4000K)*</b> *STANDARD <input type="checkbox"/> <b>CW (5000K)</b> <input type="checkbox"/> <b>WW (3000K)</b>	<input type="checkbox"/> <b>120</b> <input type="checkbox"/> <b>208</b> <input type="checkbox"/> <b>240</b> <input type="checkbox"/> <b>277</b>	<input type="checkbox"/> <b>BLACK RAL-9005-T</b> <input type="checkbox"/> <b>WHITE RAL-9003-T</b> <input type="checkbox"/> <b>GREY RAL-7004-T</b> <input type="checkbox"/> <b>DARK BRONZE RAL-8019-T</b> <input type="checkbox"/> <b>GREEN RAL-6005-T</b>		
<input type="checkbox"/> <b>LAS - G/12LED</b> <input type="checkbox"/> <b>LAS5562/8LED</b>	<input type="checkbox"/>  BEAM UP, FLOOD DOWN. . . . . <b>BF</b> <input type="checkbox"/>  FLOOD UP, BEAM DOWN. . . . . <b>FB</b>	OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> <b>120</b> <input type="checkbox"/> <b>208</b> <input type="checkbox"/> <b>240</b> <input type="checkbox"/> <b>277</b>	<input type="checkbox"/> <b>GREEN RAL-6005-T</b>		
<input type="checkbox"/> <b>LAS - G/18LED</b> <input type="checkbox"/> <b>LAS5562/12LED</b>	<input type="checkbox"/>  FLOOD UP, BEAM DOWN. . . . . <b>FB</b> <input type="checkbox"/>  FLOOD UP, FLOOD DOWN. . . . . <b>FF</b>	ALL DRIVERS ACCEPT 120-277V. 50/60Hz.		FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S)		
<input type="checkbox"/> <b>LAS - G/24LED</b> <input type="checkbox"/> <b>LAS5562/16LED</b>	<input type="checkbox"/>  FLOOD UP, FLOOD DOWN. . . . . <b>FF</b>	SEE USALTG.COM FOR ADDITIONAL COLORS				

