

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: _____

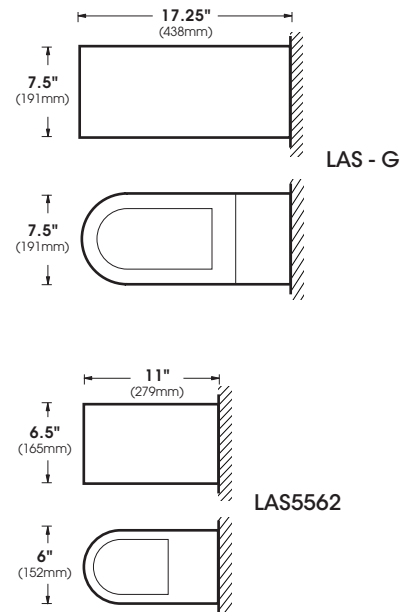
PROJECT TYPE: _____



LASER

*LAS5562 shown

PATENT PENDING



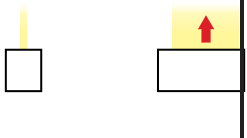
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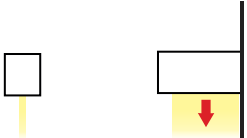


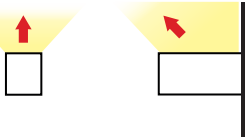
LASER SERIES - LED

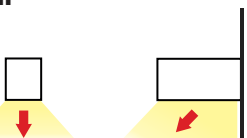
S P E C I F I C A T I O N S

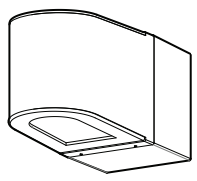
OPTICAL CONFIGURATIONS

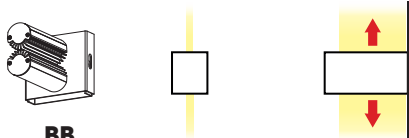
BN
Beam up, No down light

BN
LED Module

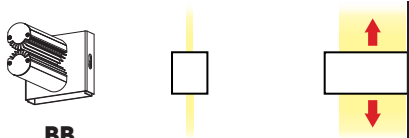
NB
No up light, Beam down

NB
LED Module

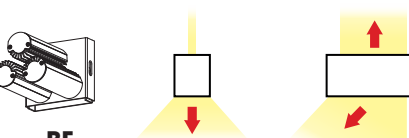
FN
Flood up, No down light

FN
LED Module

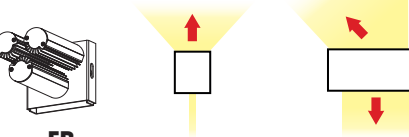
NF
No up light, Flood down

NF
LED Module


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

BB
Beam up, Beam down

BB
LED Module









BF
Beam up, Flood down

BF
LED Module

FB
Flood up, Beam down

FB
LED Module

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

