

SOLID STATE AREA LIGHTING

GALAXY5 SERIES-LED

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

HOUSING

Heavy cast low copper aluminum assembly (A356 alloy, <0.2% copper). Minimum wall thickness is .188". Housing provided with cast aluminum, decorative arm and gasketed arm center. All exposed hardware is stainless steel. Internal protected hardware is electro-zinc plated.

LED OPTICAL MODULE

Low copper A356 alloy (<.2% copper) cast aluminum housing. Integrated clear tempered 3/16" glass lens sealed with a continuous silicone gasket protects emitters (LED's) and emitter Reflector-Prism optics, and seals the module from water intrusion and environmental contaminants. Entire module is IP67 rated. Emitters (LED's) are Luxeon Rebels, high output, Neutral White nominal 4100K CCT for the entire module (Cool White nominal 6500K are available). Each emitter is optically controlled by a Reflector-Prism injection molded from H12 acrylic (3 types per module; one from 0° - 50°; one from 50° - 65°; one from 65° - 72°). Each Reflector-Prism has indexing pins for aiming and is secured to an optical plate made of matte black anodized aluminum. The optical plate locates every Reflector-Prism over an emitter. Reflector-Prisms are secured to the optical plate with a UV curing adhesive. The Reflector-Prisms are arrayed to produce IES Type II, IES Type III, IES Type IV, and IES Type V-SQ distributions. The entire Optical Module is field rotatable in 90° increments. Both module and drivers are factory wired using water resistant, insulated cord. Lens, module and drivers are field replaceable.

LED EMITTERS

High Output LED's are driven at 350mA for nominal 1 Watt output each or 525mA for nominal 1.5 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(s)

Drivers are UL and cUL recognized mounted on a single plate and factory wired with quick-disconnect. Constant current 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

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

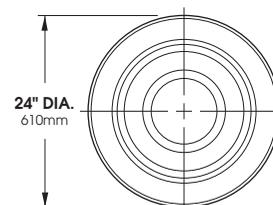
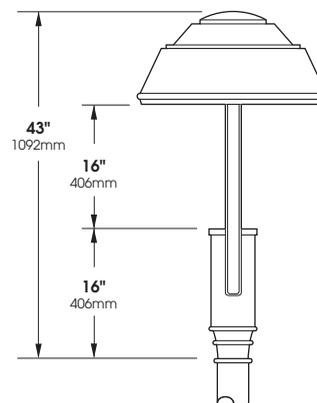
PROJECT NAME: _____

FIXTURE TYPE: _____



GLX5

PATENT PENDING



Fitter supplied to fit over 2 7/8" X 3"
(73mm X 76mm) tennon.



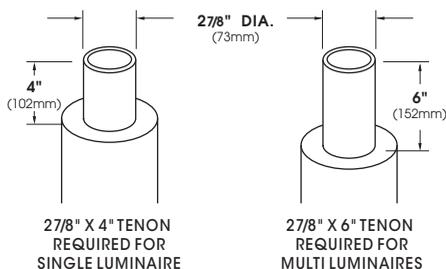
2018334



GALAXY5 SERIES - LED

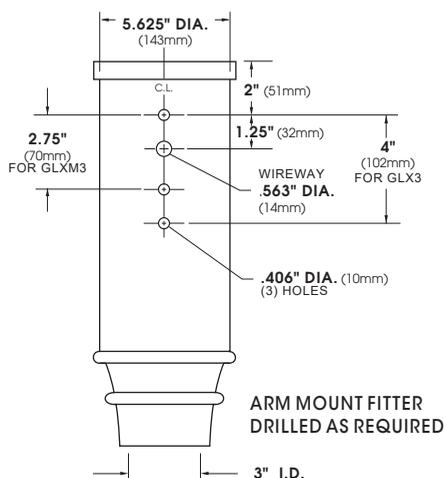
S P E C I F I C A T I O N S

TENON MOUNT

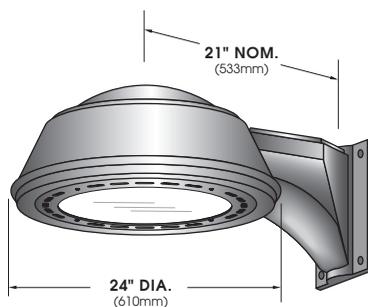


ARM MOUNT FITTER REQUIRED

ARM MOUNT FITTER

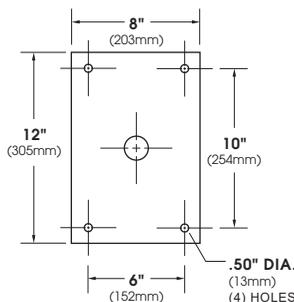


WALL MOUNT

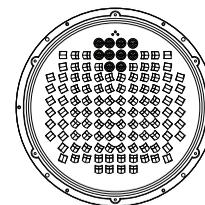
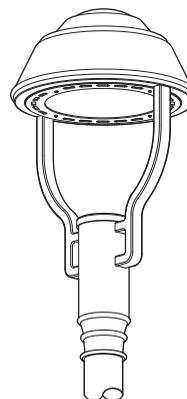


CORROSION RESISTANT CAST ALUMINUM ARM IS SUPPLIED WITH REMOVABLE CAST ALUMINUM TOP CAP FOR EASY ACCESS TO ELECTRICAL COMPONENTS.

WALL PLATE



LED[®] MODULES



120 LED Module

GLX5 E.P.A. = 1.74
Available in:
120, 80 & 64
LED Module

MAX INPUT WATTAGE

# OF LED's	DRIVE CURRENT	
	350mA	525mA
120	131W	198W
100	110W	164W
80	91W	130W
64	70W	105W

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

LUMINAIRE	OPTICS	# of LED's	DRIVE CURRENT	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED		MOUNTING	FINISH	OPTIONS		
<input type="checkbox"/> GLX5	LED[®] IES DISTRIBUTION TYPE <input type="checkbox"/> VLED - II (Type-II) <input type="checkbox"/> VLED - III (Type-III) <input type="checkbox"/> VLED - IV (Type-IV) <input type="checkbox"/> VLED - VSQ (Type-VSQ)	<input type="checkbox"/> GLX5 <input type="checkbox"/> 120LED <input type="checkbox"/> 100LED <input type="checkbox"/> 80LED <input type="checkbox"/> 64LED	<input type="checkbox"/> 350mA <input type="checkbox"/> 525mA	<input type="checkbox"/> NW (4000K) *STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	<input type="checkbox"/> PT ● WALL MOUNT <input type="checkbox"/> WM..... ●	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 FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500) SEE USALTG.COM FOR ADDITIONAL COLORS	<input type="checkbox"/> INTERNAL HOUSE SIDE SHIELDS... HS <input type="checkbox"/> EXTERNAL HOUSE SIDE SHIELD... EHS <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"/> TWIST LOCK PHOTOCCELL RECEPTACLE ONLY... TPR <input type="checkbox"/> 10KV SURGE PROTECTOR... 10SP <input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only)... 20SP

