



**LIGHTING SCHEDULE**

SYMBOL	DETAIL	QTY	DESCRIPTION	CATALOG NUMBER	MOUNTING HEIGHT	LAMP	LUMENS
□	1/A-G01	1.0	EATON 'GALLEON LED' LED LUMINAIRE POLE MOUNTED FIXTURE TYPE T4W DISTRIBUTION	GLEON-AF-06-LED-E1-T4W	14'	LED ARRAY	1,045+
□	2/A-G01	1.0	EATON 'GALLEON WALL' LED LUMINAIRE WALL MOUNTED FIXTURE TYPE T4W DISTRIBUTION	GWC-AF-02-LED-E1-T4W	14'	LED ARRAY	1,045+

**GLLEON GALLEON LED**

**1-10 Light Squares Solid State LED AREA/SITE LUMINAIRE**

**Specification Features**

**Construction:** Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy duty cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

**Optics:** Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K, 5000K, CCT to CRI. Optional 2000K, 5000K and 6000K CCT. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

**Mounting:** STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 10' and 12' apart, the EA extended arm may be required. Refer to the arm mounting requirement table.

**Electrical:** LED drivers are mounted to wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws. Facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

**Finish:** Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against face and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

**Warranty:** Five-year warranty.

**Dimensions:** [Diagram showing dimensions: 15 1/16" (380mm) width, 13 1/8" (336mm) depth]

**Drilling Pattern:** [Diagram showing drilling patterns for 1/2" and 3/4" diameter holes]

**Dimension Data:**

Number of Light Squares	1/4"	3/8"	1/2"	3/4"	1"	Weight with Arm (lbs.)	DIA. with Arm (in.)
1-4	21 1/2" (546mm)	17 1/2" (443mm)	13 1/2" (343mm)	10 1/2" (267mm)	7 1/2" (190mm)	32 (14.5 kgs)	8.56
5-6	27 1/2" (700mm)	23 1/2" (597mm)	19 1/2" (493mm)	16 1/2" (418mm)	13 1/2" (343mm)	54 (24.5 kgs)	10.6
7-8	33 1/2" (854mm)	29 1/2" (743mm)	25 1/2" (648mm)	22 1/2" (572mm)	19 1/2" (493mm)	84 (38 kgs)	12.7
9-10	39 1/2" (1003mm)	35 1/2" (900mm)	31 1/2" (799mm)	28 1/2" (726mm)	25 1/2" (648mm)	110 (50 kgs)	13.9

**Energy Data:** Electrical LED Driver, <math>+0.3</math> Power Factor, <math>+20</math> Total Harmonic Distortion, 120-277V/50/60Hz, 3A/7.5 & 480V 60Hz, <math>-30</math>°C Min. Temperature, <math>40</math>°C Max. Temperature, <math>90</math>°C Max. Temperature (RA Option)

EATON GALLEON LED: 14' HEIGHT  
NOT TO SCALE

**Steel Poles**

**SSS SQUARE STRAIGHT STEEL**

**Design Considerations:** Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grouted mounted installations (e.g., cantilevered bridges or overhangs) are not included in this document. The information contained herein is intended as a guide for professional engineering judgment. Consult with a professional engineer and local and federal standards, before relying on this information to determine proper design and installation. Also, please review Eaton's Light Pole White Paper for risk factors and design considerations. Available.

**Specifications and dimensions subject to change without notice. Consult your lighting representative at Eaton or visit www.eaton.com/lighting for available options, accessories and ordering information.**

**Steel Pole:** NOT TO SCALE

**Features:** • ASTM Grade steel base plate with ASTM A366 base cover  
• Hand hole assembly 3" x 5" on 5' and 6' pole and 2" x 4" on 4' pole  
• 16" DR mounting heights  
• Drilled or tenon (specify)

**Steel Pole:** NOT TO SCALE

**Specification Features**

**Construction:** Driver enclosure thermally isolated from optics for optimal thermal performance. Heavy duty cast aluminum housing die-cast with integral external heat sinks to provide superior structural rigidity and an IP66 rated housing. Over #8 construction passes a 1.5G vibration test to ensure mechanical integrity. UPLIGHTING: Specify with the LPS optics for inverted mount upright housing with additional protections to maintain IP rating.

**Optics:** Choice of thirteen patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K, 5000K, CCT to CRI. Optional 2000K, 5000K, and 6000K CCT. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 1200mA, 800mA, and 600mA drive currents.

**Electrical:** LED drivers are mounted for ease of maintenance. 120-277V 50/60Hz, 3A/7.5 or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Drivers are provided standard with 0-10V dimming. An optional Eaton proprietary surge protection module is available and designed to withstand 10kV of transient line surge. The Galleon Wall LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Emergency egress options for 20°C ambient environments and occupancy sensor available.

**Mounting:** Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" 1/2 box or wall with the Galleon Wall "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws which are concealed but accessible from bottom of fixture.

**Finish:** Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against face and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Hill Construction Information Group's Color Match Guide for the complete selection.

**Warranty:** Five-year warranty.

**Dimensions:** [Diagram showing dimensions: 15 1/16" (380mm) width, 13 1/8" (336mm) depth]

**Hook-N-Lock Mounting:** [Diagram showing hook-n-lock mounting mechanism]

**Battery Backup and Thru-Branch Back Box:** [Diagram showing battery backup and thru-branch back box options]

**Energy Data:** Electrical LED Driver, <math>+0.3</math> Power Factor, <math>+20</math> Total Harmonic Distortion, 120-277V/50 & 60Hz, 3A/7.5/6.0Hz, <math>-30</math>°C Minimum Temperature, <math>40</math>°C Ambient Temperature Rating

**Shipping Data:** Approximate Weight: 27 lbs. (12.2 kgs)

GWC GALLEON WALL  
NOT TO SCALE

