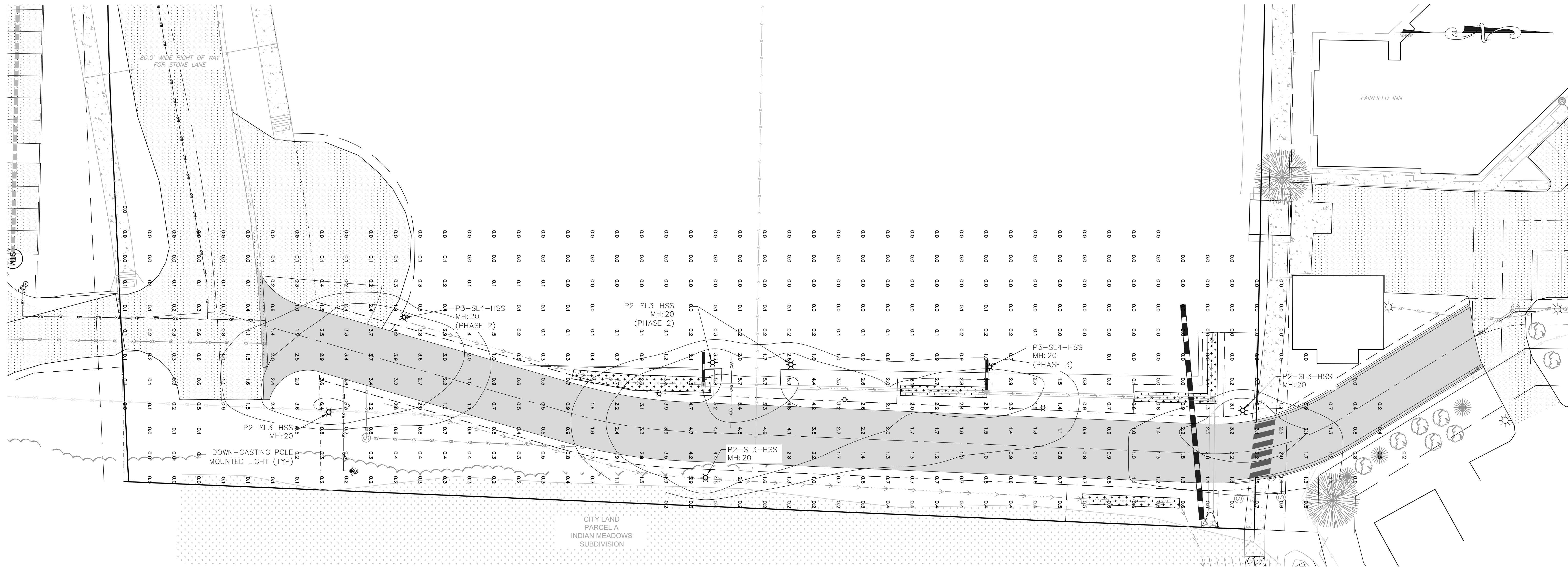




McGraw-Hill

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building area and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy wall die cast aluminum end caps enclose housing and die cast aluminum heat sinks. A unique, patent pending interlocking housing and vent seal provides scalability with superior structural rigidity. 3G vibration tested. 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 specific. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 6000K +/- 7%Δ CCT to 70 CRI. Optional 6000K CCT and 3000K CCT.

Catalog #	Type
P1-P4	
Project	Date
Comments	
Prepared by	

Electrical:
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 3A/7V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon 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) mounting option. Light Squares are IP66 rated. Greater than 80% luminous maintenance expected at 40,000 hours. Available in standard 1A drive current and optional 330mA and 700mA drive over currents.

Mounting
STANDARD ARM MOUNT:
Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during assembly. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil minimum thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard options include black, bronze, gray, white, dark metallic and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

ARM MOUNTING REQUIREMENTS

Configuration	90° Apart	120° Apart
GLEON-AE-01	17" Arm (Standard)	17" Arm (Standard)
GLEON-AE-02	27" Arm (Standard)	27" Arm (Standard)
GLEON-AE-03	37" Arm (Standard)	37" Arm (Standard)
GLEON-AE-04	47" Arm (Standard)	47" Arm (Standard)
GLEON-AE-05	10" Extended Arm (Required)	17" Arm (Standard)
GLEON-AE-06	17" Extended Arm (Required)	17" Arm (Standard)
GLEON-AE-07	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AE-08	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AE-09	14" Extended Arm (Required)	14" Extended Arm (Required)
GLEON-AE-10	16" Extended Arm (Required)	16" Extended Arm (Required)

NOTE 1: Multiple Spacing 3 @ 90°, 2 @ 120° Spacing 3 @ 90°, 2 @ 120° Spacing 3 @ 90°.

STANDARD WALL MOUNT

MAST ARM MOUNT

GLEON GALLEON LED

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

CERTIFICATION DATA
UL-Listed Wet Location Listed
ISO 9001
IAFHS (LMAI Certified)
3G Vibration Rated
PSP Rated
DincoLight Consortium™ Qualified

ENERGY DATA
Electronic LED Driver:
+0.3 Power Factor
-<0% Total Harmonic Distortion
1500-277V 60/50Hz
3A/7V & 480V 60Hz
40°C Max. Temperature
110°C Max. Temperature (HA Option)

DIMENSIONS

NUMBER OF LIGHT SQUARES

"A"	"B"	"C"	EPA
Width	Standard Arm Length	Optional Arm Length	(Sq. Ft.)
1'-4"	15'-12" (4686mm)	17'-0" (5181mm)	0.96
5'-6"	21'-0" (6401mm)	22'-0" (6706mm)	1.40
7'-8"	27'-0" (8230mm)	28'-0" (8534mm)	1.89
9'-10"	33'-0" (10058mm)	34'-0" (10404mm)	2.32

NOTE 1: Optional arm lengths to extend when installing less fixtures at 90° in a single row & EPA calculated with installed arm length.

DRILLING PATTERN

TYPE "N"

WEIGHT WITH QM ARM

"A"	Weight
1'-4"	15.12 lbs (6.86 kg)
5'-6"	21.68 lbs (9.83 kg)
7'-8"	27.88 lbs (12.64 kg)
9'-10"	33.88 lbs (15.36 kg)

WEIGHT WITH OMEA ARM

"A"	Weight	EPA
1'-4"	15.12 lbs (6.86 kg)	-
5'-6"	21.68 lbs (9.83 kg)	1.11
7'-8"	27.88 lbs (12.64 kg)	-
9'-10"	33.88 lbs (15.36 kg)	-

NOTE 1: QM option available with 1 light square configuration & OMEA option available with 1 light square configuration. 3 OMEA Arms to be used when installing four fixtures at 90° in a single point.

FAT-N
Energy Performance Institute

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CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	VOLTS	QUANTITY
SL3		(32)	GALLEON AREA AND ROADWAY LUMINAIRE(2) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	ELECTRONIC	POLE	COOPER LIGHTING SOLUTIONS – McGRAW-EDISON (FORMERLY EATON), GLEON-SA2A-740-U-SL3-HSS	120V 1P 2W	5
SL4		(32)	GALLEON AREA AND ROADWAY LUMINAIRE(2) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	ELECTRONIC	POLE	COOPER LIGHTING SOLUTIONS – McGRAW-EDISON (FORMERLY EATON), GLEON-SA2A-740-U-SL4-HSS	120V 1P 2W	2