



07-23-19

ARCHITECT
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Summit at West Pryor



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DATE: 07.24.19

REVISIONS

DWG BY: RRB

TR, I PROJECT NO.: 18-046

SHEET NO.

E001

SITE PHOTOMETRIC PLAN

SITE LIGHT FIXTURE SCHEDULE											
MARK	MANUFACTURE	MODEL NUMBER	MOUNTING			FINISH	LAMPS				REMARKS
			RECESS	SURFACE	WALL		LED	FLOUR	HID	CODE	
SL1	COOPER	GLEON-AF-03-LED-E1-TAFT	POLE			BLACK	X			20.515LUM/191W	1
SL2	COOPER	(2) GLEON-AF-03-LED-E1-TAFT	POLE			BLACK	X			20.515LUM/191W	2
SL3	COOPER	GLEON-AF-03-LED-E1-5WQ	POLE			BLACK	X			19.977LUM/191W	1
SL4	COOPER	GLEON-AF-03-LED-E1-T3R	POLE			BLACK	X			19.713LUM/191W	1

REMARKS:
1 MOUNT ON 20' POLE.

STATISTICS					
Description	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT	2.0 FC	9.9 FC	0.2 FC	49.5:1	10:01

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 areas and security lighting applications. IP66 rated and UL94L Listed for wet locations.

McGraw-Edison

Catalog #	Type
Project	"SL1", "SL2", "SL3", "SL4"
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy wall, die-cast aluminum and caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 30 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 availability to meet customized application requirements. Offered standard is 4000K (+/- 2700 CCT) 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 3A/7.5 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 100% of transient 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 EA (High Ambient) option. Light Squares are IP66 rated. Greater than 80% 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 ball guides allowing for easy positioning of fixture during mounting. 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.

Arm mounting requirement table:
Round pole adapter included. For wall mounting, specify wall mount bracket option. **QUICK MOUNT** ARM: Adapter is bolted directly to the pole. Quick mount arm slides 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 4-1/8". Removal of the door on the quick mount arm enables wiring of the fixture compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.3 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing options include black, bronze, gray, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

GLEON GALLEON LED

1-10 Light Squares
Solid Base LED

AREASITE LUMINAIRE

Lighting Solutions
McGraw-Edison

CERTIFICATION DATA
E10/Wettest Rated
Energy Lights Consortium® QualMark®
IP66 Rated
UL94L (UL Listing Label)
IMF71 / LM85 Compliant
UL94L (UL Listing Label)

ENERGY DATA
Maximum LED Driver
and Power Factor
0.95
120V/277V 50/60Hz
4000K 70 CRI
40°C Max. Temperature
50°C Max. Temperature (EA Option)

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June 3, 2019 11:11 AM

ARM MOUNTING REQUIREMENTS

Configuration	90° Apart	120° Apart
GLEON-AF-01	7' Arm (Standard)	7' Arm (Standard)
GLEON-AF-02	7' Arm (Standard)	7' Arm (Standard)
GLEON-AF-03	7' Arm (Standard)	7' Arm (Standard)
GLEON-AF-04	7' Arm (Standard)	7' Arm (Standard)
GLEON-AF-05	10' Extended Arm (Required)	7' Arm (Standard)
GLEON-AF-06	10' Extended Arm (Required)	10' Extended Arm (Required)
GLEON-AF-07	10' Extended Arm (Required)	10' Extended Arm (Required)
GLEON-AF-08	10' Extended Arm (Required)	10' Extended Arm (Required)
GLEON-AF-09	10' Extended Arm (Required)	10' Extended Arm (Required)
GLEON-AF-10	10' Extended Arm (Required)	10' Extended Arm (Required)

STANDARD WALL MOUNT

MAST ARM MOUNT

QUICK MOUNT ARM (INCLUDES FIXTURE ADAPTER)

QM Quick Mount Arm (Standard)

QMA Quick Mount Arm (Extended)

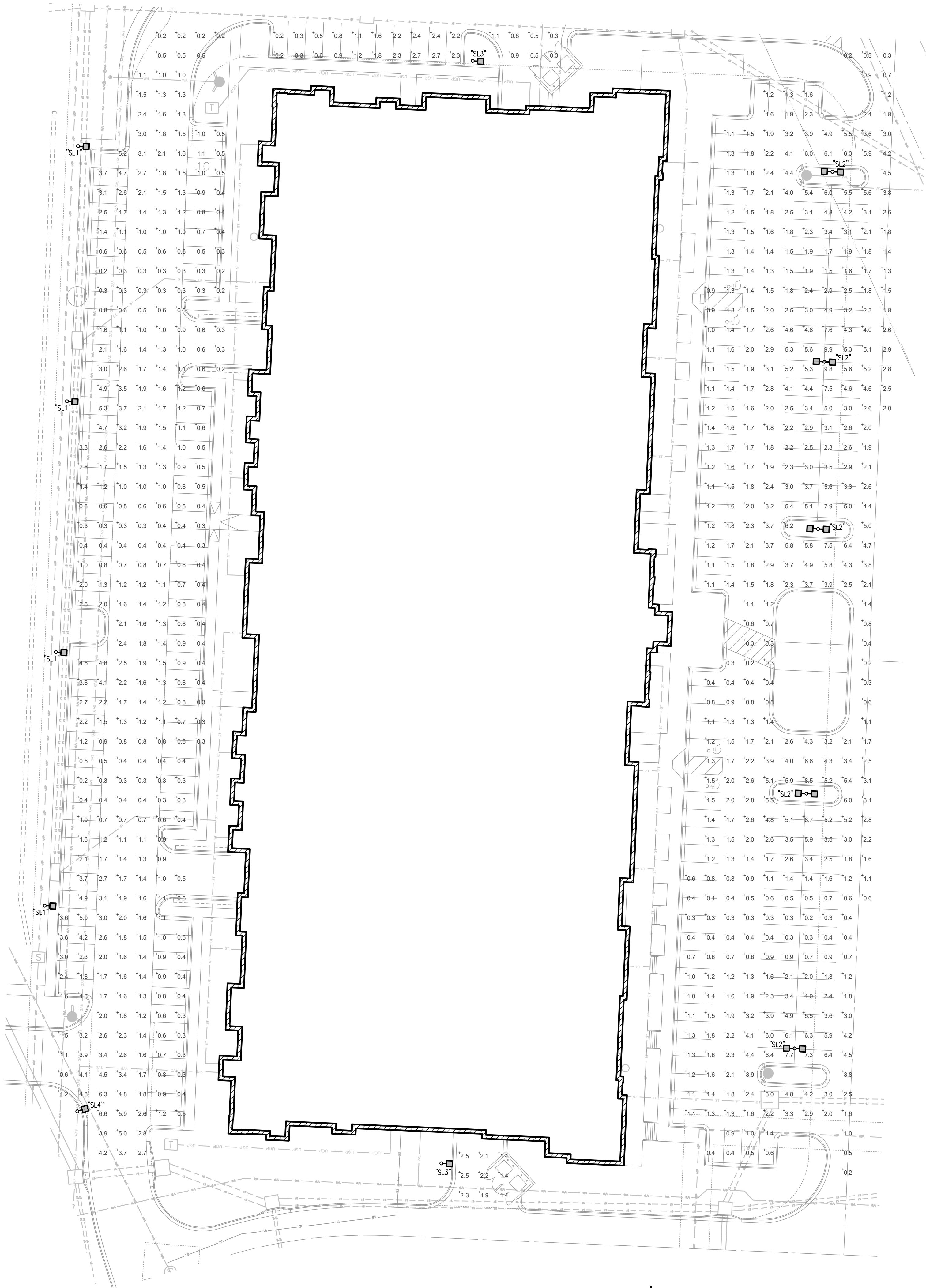
QUICK MOUNT ARM DATA

Number of Light Squares 1-4	Wt (lbs)	Weight with QM Arm (lbs)	Weight with QMA Arm (lbs)	EPA (ft. L)
1-4	15.12 (6.86kg)	25.15 (11.41kg)	28.17 (12.77kg)	1.11
5-8	21.34 (9.68kg)	40.37 (18.31kg)	44.32 (20.07kg)	
9-8	27.56 (12.50kg)	56.59 (25.67kg)	60.54 (27.46kg)	

NOTES: 1 QM option available with 1-4 light square configurations. 2 QMA option available with 1-4 light square configurations. 3 QMA arm to be used when mounting two fixtures at 90° on a single pole.

TRI ARCHITECTS

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1 SITE PHOTOMETRIC PLAN
1"=30'-0"

