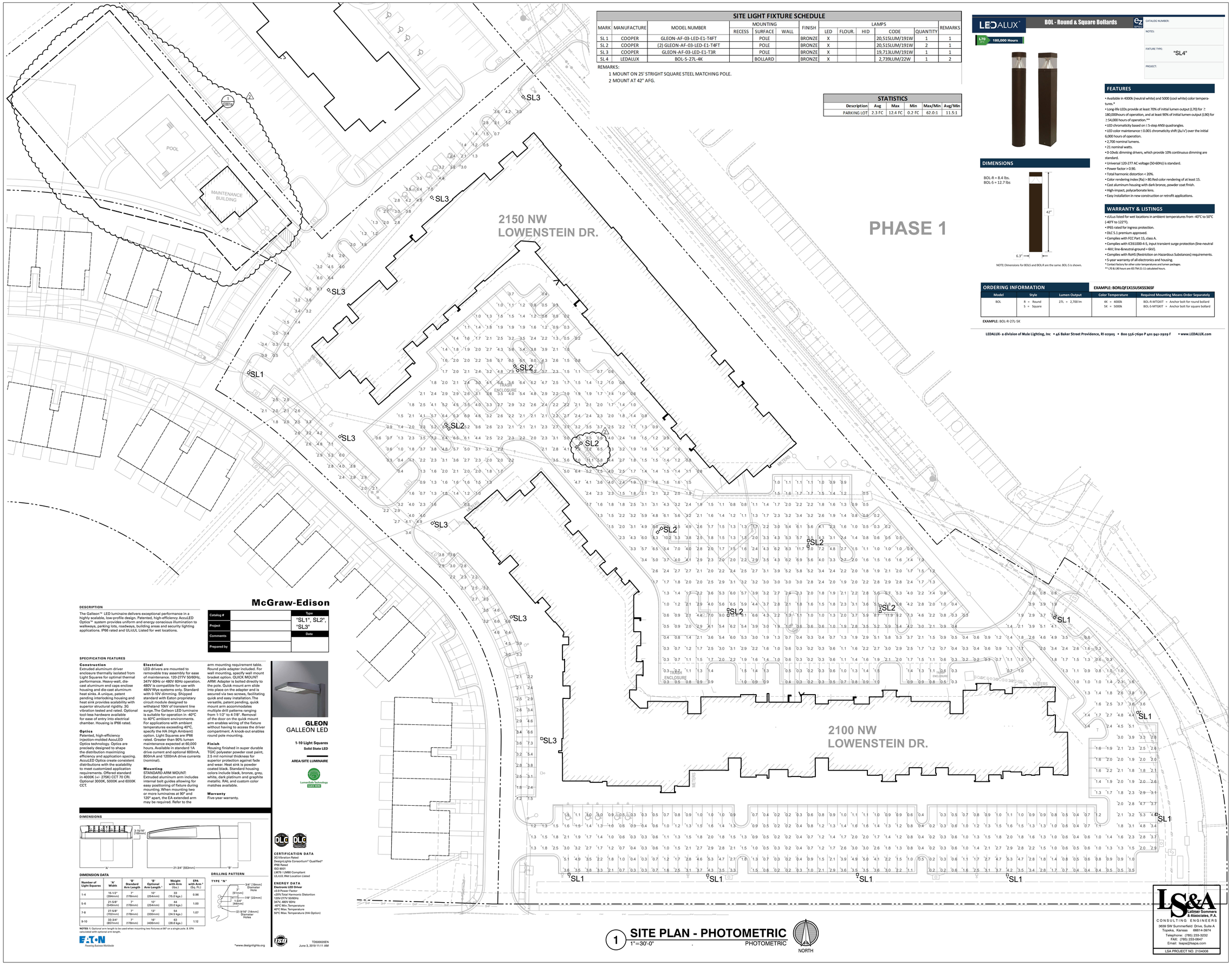

SITE LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURE	MODEL NUMBER	MOUNTING			FINISH	LAMPS					REMARKS
			RECESS	SURFACE	WALL		LED	FLOUR.	HID	CODE	QUANTITY	
SL 1	COOPER	GLEON-AF-03-LED-E1-T4FT		POLE		BRONZE	X			20,515LUM/191W	1	1
SL 2	COOPER	(2) GLEON-AF-03-LED-E1-T4FT		POLE		BRONZE	X			20,515LUM/191W	2	1
SL 3	COOPER	GLEON-AF-03-LED-E1-T3R		POLE		BRONZE	X			19,713LUM/191W	1	1
SL 4	LEDALUX	BOL-S-27L-4K		BOLLARD		BRONZE	X			2,739LUM/22W	1	2

REMARKS:
1 MOUNT ON 25' STRIGHT SQUARE STEEL MATCHING POLE.
2 MOUNT AT 42" AFG.

STATISTICS

Description	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT	2.3 FC	12.4 FC	0.2 FC	62.0:1	11.5:1

LEDALUX — BOL - Round & Square Bollards

L70 180,000 Hours

CATALOG NUMBER:
NOTES:
FIXTURE TYPE: "SL4"
PROJECT:

FEATURES

- Available in 4000k (neutral white) and 5000 (cool white) color temperatures.*
- Long-life LEDs provide at least 70% of initial lumen output (L70) for ≥ 180,000hours of operation, and at least 90% of initial lumen output (L90) for ≥ 54,000 hours of operation.**
- LED chromaticity based on ≤ 5-step ANSI quadrangles.
- LED color maintenance ≤ 0.001 chromaticity shift (Δu'v') over the initial 6,000 hours of operation.
- 2,700 nominal lumens.
- 21 nominal watts.
- 0-10vdc dimming drivers, which provide 10% continuous dimming are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index (Ra) > 80.Red color rendering of at least 15.
- Cast aluminum housing with dark bronze, powder coat finish.
- High-impact, polycarbonate lens.
- Easy installation in new construction or retrofit applications.

DIMENSIONS

BOL-R = 8.4 lbs.
BOL-S = 12.7 lbs

NOTE: Dimensions for BOLS and BOLR are the same. BOL-S is shown.

WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°F).
- IP65 rated for ingress protection.
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class A.
- Complies with IC61000-4-5, Input transient surge protection (line-neutral = 4kV, line-&neutral-ground = 6kV).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

* Contact factory for other color temperatures and lumen package.
** L70 & L90 hours are IES TM-21-11 calculated hours.

ORDERING INFORMATION

EXAMPLE: BORLQF1X15U5KSS365F

Model	Style	Lumen Output	Color Temperature	Required Mounting Means Order Separately
BOL	R = Round S = Square	27L = 2,700 lm	4K = 4000k 5K = 5000k	BOL-R-MTGKIT = Anchor bolt for round bollard BOL-S-MTGKIT = Anchor bolt for square bollard

EXAMPLE: BOL-R-27L-5K

LEDALUX- a division of Mule Lighting, Inc • 46 Baker Street Providence, RI 02905 • 800 556-7690 P 401 941-2929 F • www.LEDALUX.com

McGraw-Edison

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

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 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 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 (+/- 275K) 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, 347V 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) option. Light Squares are IP66 rated. 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 90° and 120° apart, the EA extended arm may be required. Refer to the 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 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 fade 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.

GLEON
GALLEON LED

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

LumenSafe Technology CLICK HERE

DIMENSIONS

DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length *	Weight with Arm (lbs.)	EPA with Arm * (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.

DRILLING PATTERN

TYPE "N"

CERTIFICATION DATA
3G Vibration Rated
DesignLights Consortium® Qualified*
IP66 Rated
ISO 9001
LM79 / LM80 Compliant
UL/cUL Wet Location Listed

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V 277V 50/60Hz
347V, 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

*www.designlights.org

TD600020EN
June 3, 2019 11:11 AM

1 SITE PLAN - PHOTOMETRIC

1"=30'-0" PHOTOMETRIC

NORTH

LS&A Lattner Sommers & Associates, P.A.
CONSULTING ENGINEERS
3639 SW Summerfield Drive, Suite A
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 2104008

STATE OF MISSOURI — RICHARD R. BEARDMORE — NUMBER E-27966 — PROFESSIONAL ENGINEER
9-28-21

ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

TR.i ARCHITECTS
STRUCTURAL
CIVIL
GENERAL CONTRACTOR
ENGINEER
PLUMBING
ELECTRICAL

Tegethoff DEVELOPMENT

The Signature at West Pryor

2100 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081

TR.i ARCHITECTS

TR.i Architects
1790 S. Brentwood Blvd.
St. Louis, Missouri 63144
T: 314-395-9750
www.trianchitects.com
© Copyright 2021

DATE: 7.15.2021

REVISIONS 1

1 FDP COMMENTS	09-28-21

DWG BY CAD/RRB
TR.i PROJECT NO. 20-001
SHEET NO.

E001

SITE PLAN - PHOTOMETRIC