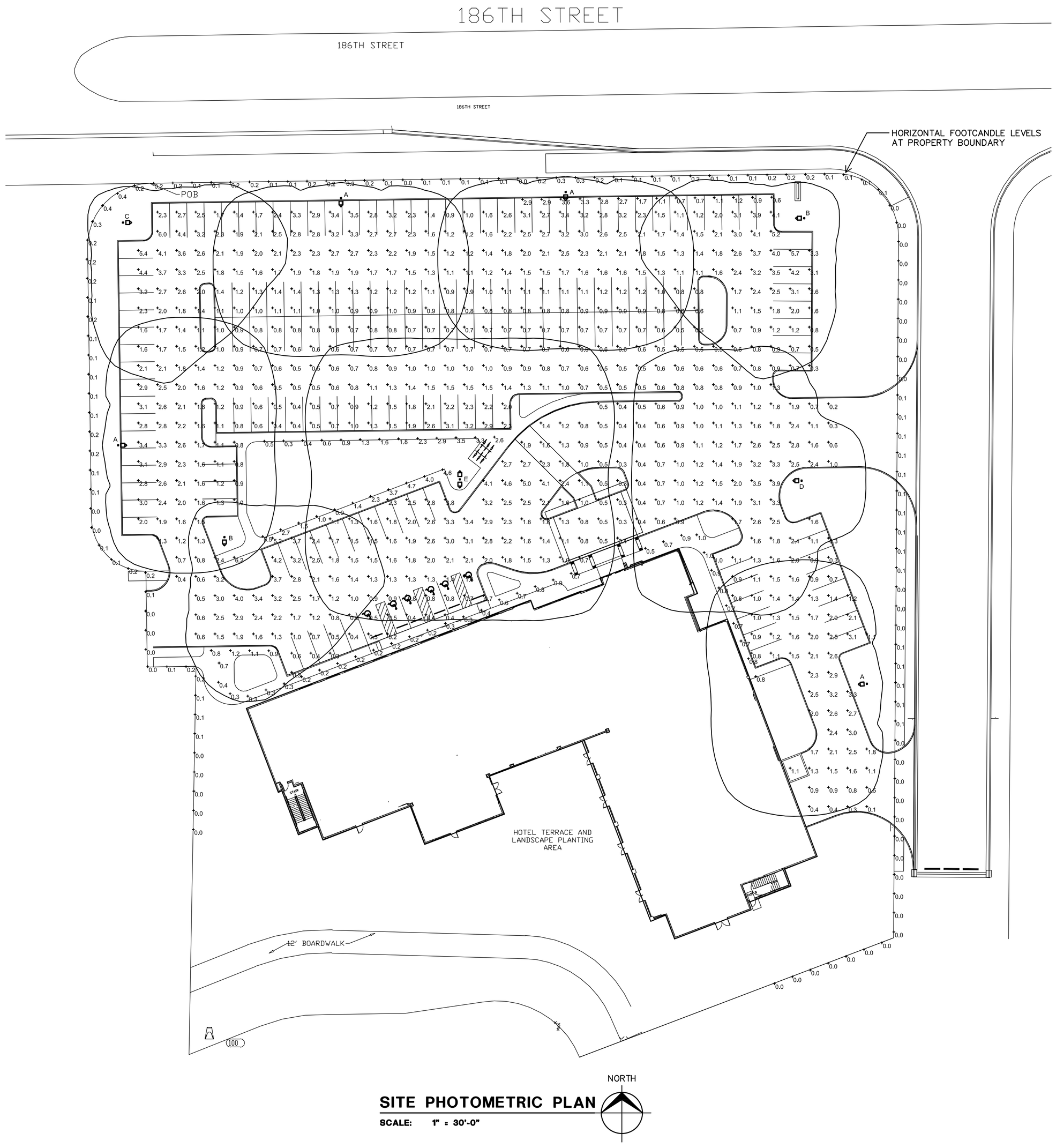


SITE PHOTOMETRIC PLAN

SCALE: 1" = 30'-0"

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Distribution Pattern	Catalog Number	Description	Mounting Height	Lumens	LLF	Watts
	A	4	BL4 (Type IV with Spill Control)	GLEON-AE-04-LED--E1-SL4-HSS	GALLEON LED AREA LUMINAIRE 70 CRI, 4000K, TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	25'	19,669	0.85	213
	B	2	SLL (90° Spill Light Eliminator Left)	GLEON-AE-04-LED--E1-SLL	GALLEON LED AREA LUMINAIRE 70 CRI, 4000K, WITH 90 DEGREE SPILL LIGHT ELIMINATOR LEFT OPTICS.	25'	18,191	0.85	213
	C	1	SLR (90° Spill Light Eliminator Right)	GLEON-AE-04-LED--E1-SLR	GALLEON LED AREA LUMINAIRE 70 CRI, 4000K, WITH 90 DEGREE SPILL LIGHT ELIMINATOR RIGHT OPTICS.	25'	18,191	0.85	213
	D	1	T4FT (Type IV Forward Throw)	GLEON-AE-04-LED--E1-SLR	GALLEON LED AREA LUMINAIRE 70 CRI, 4000K, WITH 90 DEGREE SPILL LIGHT ELIMINATOR RIGHT OPTICS.	25'	18,191	0.85	213
	E	1	T4W (Type IV Wide)	GLEON-AE-04-LED--E1-T4W	GALLEON LED AREA LUMINAIRE 70 CRI, 4000K, TYPE IV WIDE OPTICS	25'	20,555	0.85	426

McGRAW-EDISON® energy solutions

Catalog #		type	
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.

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. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Choice of 16 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 (+/- 275K) CCT and minimum 70 CRI. Optional 6000K CCT and 3000K CCT. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed. The house side shield is designed to seamlessly integrate with the SL2, SL3, SL4 or AFL optics.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. Standard with 0-10V dimming. Shipped standard with Cooper Lighting 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 530mA and 700mA drive currents.

Mounting
Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during assembly. Designed for pole or wall mounting. When mounting two or more luminaires at 90° or 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table on page 3. Round pole top adapter included. For wall mounting, specify wall mount bracket option. 3G vibration rated.

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 colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.

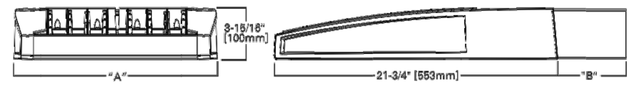
GLEON
GALLEON LED

1-10 Light Squares
Solid State LED

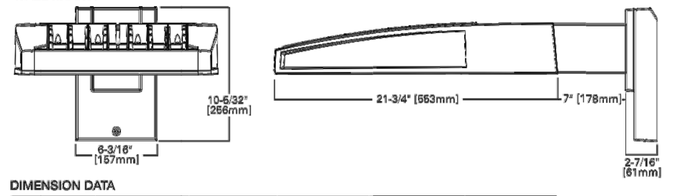
AREA/SITE LUMINAIRE

DIMENSIONS

POLE MOUNT



WALL MOUNT



DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length [1]	Weight with Arm (lbs.)	EPA with Arm [2] (Sq. Ft.)
1-4	18-1/2" (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)	83 (28.6 kgs.)	1.12

NOTES: 1 Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table. **2** EPA calculated with optional arm length.

Cooper Lighting
by EATON

*www.designlights.org

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

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
60°C Max. Temperature (HA Option)

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Graphic Design
Interior Design

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WESTFIELD, INDIANA 46074

SITE PHOTOMETRIC PLAN

E-PM