



Luminaire Schedule						
Symbol	Label	Qty	Part Number	LLF	Fixture Watts	Fixture Lumens
	PM-T3_HSS	15	Solais # GL3-15L-3RM-740-STD-10-1PS-00-SBZ-ES-HSS	0.900	108.2	11610
	PM-T5	9	Solais # GL3-15L-5QS-740-STD-10-1PS-00-SBZ-ES	0.900	216.4	30854

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site Points	Illuminance	Fc	1.56	8.4	0.0	N.A.	N.A.

NOTES:

- A. A LIGHT LOSS FACTOR OF 0.900 HAS BEEN APPLIED TO FIXTURES UNLESS OTHERWISE NOTED. REFER TO LUMINAIRE SCHEDULE FOR LIGHT LOSS FACTOR AND LUMEN INFORMATION.
- B. SEE "MH" ON LIGHTING FIXTURE TAG LOCATED ON PLAN FOR MOUNTING HEIGHT INFORMATION.
- C. CALCULATION POINTS ARE TAKEN AT GRADE.
- D. CALCULATION RESULTS ARE BASED ON IES STANDARDS UNLESS OTHERWISE REQUESTED.

ENERGYLITE

PROJECT TYPE

GridLite GL3

LED SITE + AREA LUMINAIRE

SPECIFICATION

QUICK FACTS

CONSTRUCTION

- Die-cast, low-copper aluminum alloy housing for optimal thermal performance and exceptional corrosion resistance
- 100% recycled aluminum

FINISH

- TGC polyester super durable powder coating with superior gloss, color retention and weather resistance
- Standard finishes provided at 3 mil nominal thickness, salt-sprays tested to 3,000 hours per ASTM B117
- For marine-grade finish, consult factory. Provided at 5 mil nominal thickness, salt-sprays tested to 4,000 hours per ASTM B117

ELECTRICAL

- 120-277 V Standard, 277-480 V option available
- PF>0.9, THD<20%
- Parallel surge protection: enhanced ICBV standard, extreme 20kV optional (ANSI C136.2-2015)
- For series surge protection, consult factory
- Rated for operation: -40°C to 47°C
- For 50°C option, consult factory

OPTICS + PERFORMANCE

- Up to 165 lumens per watt
- 12,000- to 44,000-lumen packages (0.2-342 W)
- 5 customized distributions available
- Type III Roadway Medium (Coefficient of Utilization: 0.739)
- Type III Roadway Medium (Coefficient of Utilization: 0.852)
- Type IV Wide Short (Coefficient of Utilization: 0.849)
- Type V Square Short
- Type V Square Medium
- Multiple shimming options available

CONTROLS

- 0-10 V dimming standard
- DALI-2 dimming option available
- Receptacle options:
 - ANSI C136.41 9-pin
 - ANSI C136.41 7-pin (for DALI-2 or 0-10 V dimming)
- Zhaga Book 18 (for next generation ambient light detection sensing)
- Motion sensor option available - bi-level setting standard with low point of 50% and a 15-minute delay

MOUNTING

- Extended site arm offers universal mounting, allowing for retrofit without drilling into existing poles
- All mounting options allow for multiple fixture installations at 90°
- Walk-mount and round pole adapters available for extended site arm

LISTINGS

- UL Listed optical and electrical chambers
- UL Vibration-rated (ANSI C136.38)
- UL Listed for wet locations
- DLC v2.0 Premium Listings (Family code: J110TL)
- Zhaga DALI listed
- ANSI C136.15 labeling available
- EAA Compliance available, 1 Consult factory to confirm specific fixture code is compliant if this is a requirement
- Designed and assembled in U.S.A.

WARRANTY

- 10-year warranty

Estimated Site Arm
USA: 0.58 m, ft.
WEIGHT: 22.20 lbs.

ORDERING INFORMATION Example: GL3/20H/2RM/8.0/STD/10/1PS/0/AZ/15/004-PC101

Model	Package	Color CCT	Range	Control	Temp	Mounting	Options + Accessories
GL3	20W - Type III Roadway Medium 30W - Type III Roadway Medium 40W - Type III Roadway Medium 50W - Type III Roadway Medium 75W - Type III Roadway Medium 100W - Type III Roadway Medium	500 - 550 - 650, 3000K 750 - 750 - 2700, 4000K 750 - 750 - 2700, 4000K 727 - 550 - 2700, 3000K	30' - 120-277V 30' - 277-480V DA* - 0-10V	30W - 0-10V 30W - DALI 30W - DALI-2 30W - DALI-2 30W - DALI-2 30W - DALI-2	30W - 0-10V 30W - DALI 30W - DALI-2 30W - DALI-2 30W - DALI-2 30W - DALI-2	ED - Extended Site Arm HT - Horizontal Mount RM - Round Pole Mount KMS - In-line Mount with 6' pole D-ARM - Extended Site Arm with Round Pole	Options + Accessories ESD - Hour Shift (Select) ESP - Gun-mount (Select) FSP - Flashed (Select) ALB - ANSI C136.15 Labeling MS - Micro Mount SMT - 30' x 30' Mount MH - Micro Mount D-ARM - Extended Site Arm with Round Pole TTS - 30' Zhaga Ambient Light Control (ALC) TTS - 30' Zhaga IR-AUC SE - Shading Cap PC02 - 120-277 V Photocell PC03 - 120-277 V Photocell PC04 - 120-277 V Photocell PC05 - 120-277 V Photocell PC06 - 120-277 V Photocell PC07 - 120-277 V Photocell PC08 - 120-277 V Photocell PC09 - 120-277 V Photocell PC10 - 120-277 V Photocell

* Consult factory for lead time and availability.
 † Standard offering. Consult factory for lead time and availability for other options.
 ‡ Marine-grade finish options available. Consult factory.
 § High-voltage (HV) plus DALI-2 (DLC) combination is available only with 120-277V and 100-200W performance packages.
 ¶ The base, injection-molded plastic, resin, tool steel, chip-on-board are used.

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1 Site Lighting Plan
SCALE: 1"=50'-0"

2 Fixture Specification - Solais Gridlite 3



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02860

777 Cranston St

Site Lighting Photometrics, Layout and Schedules

DATE	REVISIONS	DESCRIPTION	DATE
May 2, 2022	1		
	2		
	3		
	4		
	5		
	6		
	7		

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