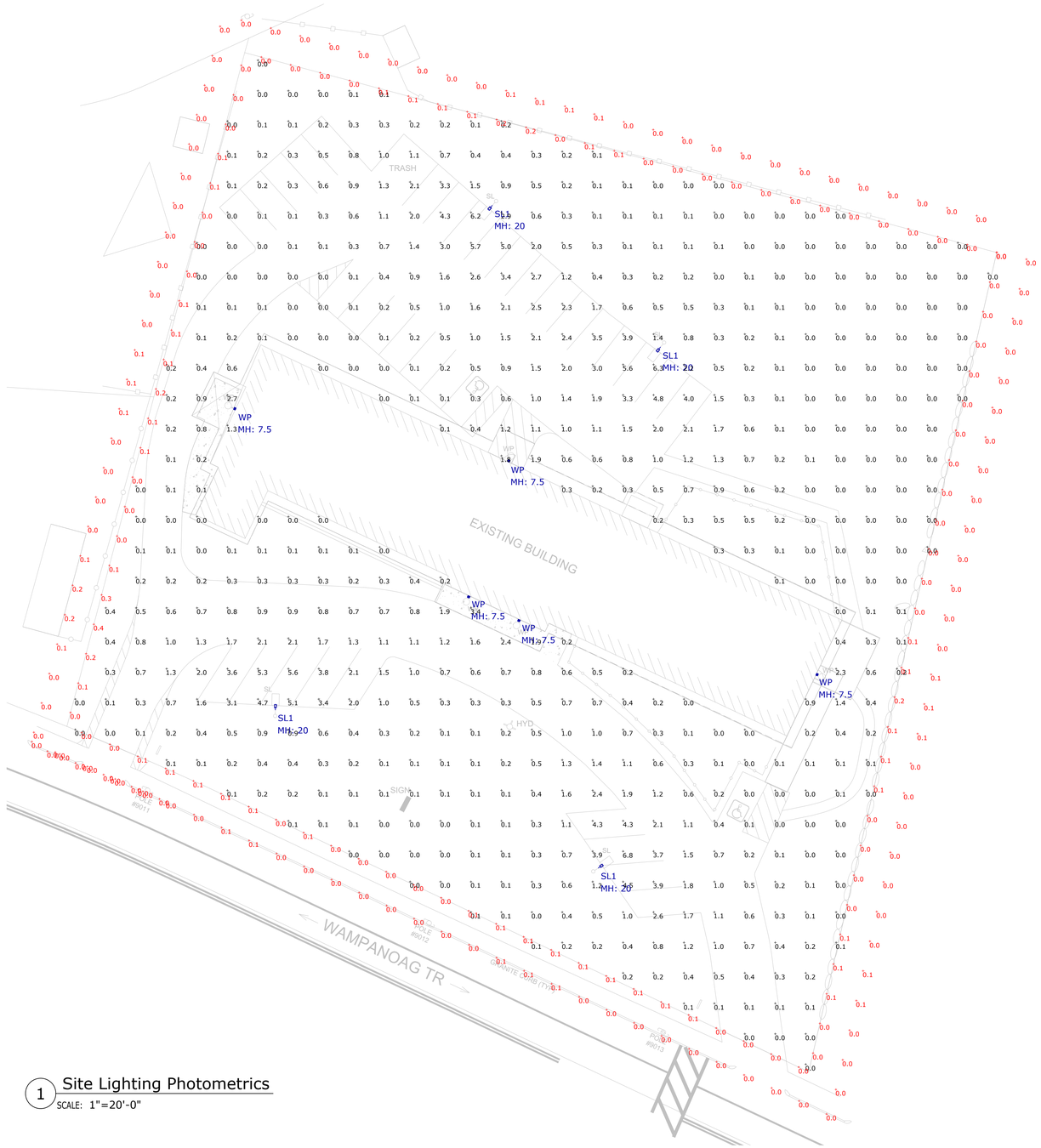

1 Site Lighting Photometrics

SCALE: 1"=20'-0"

Luminaire Schedule								
Symbol	Label	Qty	Part Number	Arrangement	LLF	Total Watts	Total Luminaire Lumens	BUG Rating
	SL1	4	Solais Lighting # GL1-9H-3RM-730-STD-10-1PS-00-SBK-ES	Single	0.950	66.151	9119	B1-U0-G2
	WP	5	Teron Lighting # ALLW-PRF-L19.0-ZE-UNIV-FBK-30K-TP	Single	1.126	19	2100	B0-U4-G2

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Overall Site Points	Illuminance	Fc	0.67	6.8	0.0	N.A.	N.A.
Property Line	Illuminance	Fc	0.03	0.4	0.0	N.A.	N.A.

NOTES:

A. A LIGHT LOSS FACTOR OF 0.950 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.

E. BASIS OF DESIGN PROVIDED BY SK & ASSOCIATES. FOR FURTHER INFORMATION, PLEASE CONTACT MAIN OFFICE AT (781) 821-1700.

ENERGYLITE

SPECIFICATION CODE
GL1-6H-3RM-730-STD-10-1PS-70-SBK-FA+PCL-05 - SSP20-5.0-11-BLK-DM10-BC

PROJECT: East Providence Residence
TYPE: SL1
MEMO

ORDERING CODE BREAKDOWN
- Finished Product: GL1-6H-3RM-730-STD-10-1PS-70-SBK-FA
- Field-Installed Option: PCL-05

GL1
LED GRIDLITE (GEN 2)
SITE LIGHT FIXTURE

MAIN FEATURES
- Designed with a die-cast, aluminum alloy housing for optimal thermal performance and exceptional corrosion resistance
- Delivering up to 170 lumens per watt
- 3,000- to 20,000 lumen packages (20-160W)
- Extended site arm offers universal mounting, allowing for retrofit without drilling into existing poles
- All mounting options allow for multiple fixture installations at 90°
- TGIC polyester super durable powder coating with superior gloss, color retention, and weather resistance
- 0-10V dimming standard; DALI-2 dimming option available
- BAA Compliance available; *Consult factory to confirm specific fixture code is compliant if this is a requirement*
- **Designed and assembled in U.S.A.!**

Extended Site Arm
EPA: 0.56 sq. ft.
WEIGHT: 14.33 lbs.

✓RoHS

GL1 / 6H / 3RM / 7 / 3O / STD / 1O / 1PS / 7O / SBK / FA / _ + + PCL-05

FIXTURE	LUMENS	BEAM SPREAD	CRI	CCT	VOLTAGE	CONTROLS	SURGE	PHOTOCELL RECEPTACLE	FINISH	MOUNTING	FIXTURE OPTIONS	ADAPTER OPTIONS	FIELD OPTIONS
GL1	3H : 3,000 lm; 21W	2RM : Type II Roadway Medium	7 : 70 CRI	30 : 3000K	STD : 120-277V	1O : 0-10V	1PS : 10kV 5kA, 120-277V	00 : None	3BZ : Bronze (RAL8019)	FA : Fixed Arm	ZT1 : 0-10V Z Ambient Light Control	SMCB : Wall Pack Surface Mount Conduit Box	SOL28 HSS : House-side Shield
	4H : 4,000 lm; 25W	3RM : Type III Roadway Medium	8 : 80 CRI	40 : 4000K	HVL : 277-480V	DA : DALI-2 D4i	2PS : *20kV 10kA, 120-277V	70 : 7-pin	5GY : Gray (RAL7038)	ES : Extended Site Arm	ZT3 : 0-10V Z IR + Ambient Light Control	ERP : Extended Site Arm Round Pole Adapter	SOL28 FSS : Front-side Shield
	5H : 5,000 lm; 32W	3AM : Type III Area Medium		50 : 5000K	SEM : 120-277V w/ 20W EM		2PH : *20kV 10kA, 277-480V	0Z : Z receptacle	5WH : White (RAL9003)	HT : Horizontal Tenon	ZT4 : 0-10V Z Occupancy + IR + Ambient Light Control	FRP : Fixed Arm Round Pole Adapter	SOL28 CSS : Cul-de-Sac Shield
	6H : 6,000 lm; 42W	4WS : Type IV Wide Short							5BK : Black (RAL9017)	KM : 3" OD Knuckle Mount	ZT5 : 0-10V Z Casambi Bluetooth Mesh Node		SOL28 SS : Scoop Shield
	7H : 7,000 lm; 52W	5QS : Type V Square Short							*MBZ : Marine Bronze	WP : Wall Pack			PCL-01 : 120-277V Photocell
	8H : 8,000 lm; 60W	5QM : Type V Square Medium							*MGY : Marine Grey				PCL-02 : 120-277V Photocell
	9H : 9,000 lm; 65W								*MWH : Marine White				PCL-03 : 347-480V Photocell
	11H : 11,000 lm; 80W								*MBK : Marine Black				PCL-04 : 347-480V Photocell (Midnight Dim)
	12H : 12,000 lm; 89W												PCL-05 : 120-277V Photocell (Midnight Dim)
	14H : 14,000 lm; 112W												ENL-SC1 : Shorting Cap
	16H : 15,000 lm; 131W												
	16P : 16,000 lm; 123W												
	18P : 18,000 lm; 143W												
	20P : 20,000 lm; 164W												

Notes: Consult factory to verify BAA compliant products.
HSS not compatible with 4WS optics, instead use SS.
80 or 90 CRI, + additional CCTs available upon request
SEM not compatible with 7-pin (70) or Z receptacle (0Z)

*Consult factory for lead time and availability.
HVL unavailable with ZT1, ZT3, ZT4 and ZT5 photocell receptacles.
ZT1 - ZT5 options only available with 1O : 0-10V Dimming

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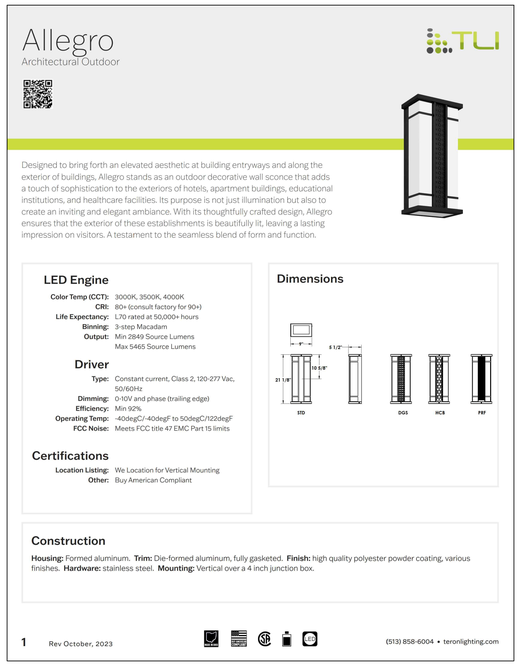
2 Fixture Specification - Solais Lighting GL1



Allegro
Architectural Outdoor

TLI

Designed to bring forth an elevated aesthetic at building entryways and along the exterior of buildings, Allegro stands as an outdoor decorative wall sconce that adds a touch of sophistication to the exteriors of hotels, apartment buildings, educational institutions, and healthcare facilities. Its purpose is not just illumination but also to create an inviting and elegant ambiance. With its thoughtfully crafted design, Allegro ensures that the exterior of these establishments is beautifully lit, leaving a lasting impression on visitors. A testament to the seamless blend of form and function.

LED Engine
- Color Temp (CCT): 3000K, 3500K, 4000K
- CRI: 80+ (consult factory for 90+)
- Life Expectancy: L70 rated at 50,000+ hours
- Binning: 3-step Macadam
- Output: Min 2849 Source Lumens, Max 5465 Source Lumens

Driver
- Type: Constant current, Class 2, 120-277 Vac, 50/60Hz
- Dimming: 0-10V and phase (trailing edge)
- Efficiency: Min 92%
- Operating Temp: -40degC/-40degF to 50degC/122degF
- FCC Noise: Meets FCC title 47 EMC Part 15 limits

Certifications
- Location Listing: We Location for Vertical Mounting
- Other: Buy American Compliant

Dimensions
8" | 5 1/2" | 21 1/8" | 10 5/8" | STD | DGS | HCS | PRF

Construction
Housing: Formed aluminum. **Trim:** Die-formed aluminum, fully gasketed. **Finish:** high quality polyester powder coating, various finishes. **Hardware:** stainless steel. **Mounting:** Vertical over a 4 inch junction box.

1 Rev October, 2023 | (513) 858-6004 • teronlighting.com

3 Fixture Specification - Teron Lighting Allegro

PROJECT:
Wampanoag Tr Site
Site Lighting Photometrics, Schedules & Specifications

CONTACT:
Howard Dalton
Principal
(781) 232-5372
HDalton@sk-assoc.com

SK & Associates
Experience the light™
CT | MA | ME | NH | RI | VT
20 Carver Circle
Canton, MA 02021
(781) 821-1700

PREPARED FOR:
Creative
DIVISION OF THE RISE GROUP

PROJECT NUMBER:
DATE: March 13, 2025
REVISION: ---
SCALE: As Noted
DRAWN BY: AD | **CHECKED BY:** HD
DRAWING NUMBER:

SL1