



HUBBELL Outdoor Lighting

DATE: LOCATION: _____
 TYPE: PROJECT: _____
 CATALOG #:

GEOPAK Series 2
 SIZE 2 - TRP24L30-3K7-3

FEATURES

- Mid sized architectural setbacks in three slight shapes
- Greater spacing up to 40W x 40W
- Type I, II, III and IV distributions for a wide variety of applications
- Integral battery backup options
- Control capabilities offer additional energy savings options
- Zero-voltage distribution

RELATED PRODUCTS

B11-GeoPak # T10-GeoPak # G21-GeoPak

UL US DLC

SPECIFICATIONS

CONSTRUCTION

- Die-cast aluminum housing and door
- Seven powder coat standard finishes, plus custom color options

OPTICS

- 24 or 32 high power LEDs deliver up to 10,800 lumens
- Up to 146 lumens per watt
- Different lenses offer a variety of distribution patterns - Type I, II, III and IV (forward throw)
- 3000K - 50 CRI, 4000K - 70 CRI and 5000K - 70 CRI, CCT tunable

INSTALLATION

- 24-watt output capacitor with gasket seal provides easy installation to wall or to recessed junction box IP65-rated junction box. Fixture attaches by two Allen-head hook fasteners for secure resistance
- Back box accessory available for surface control application

ELECTRICAL

- 120V/150 Watt Drivers & Dual Power Feeds for 50, 70 and 90 watt versions
- 120/277, 347 and 480V voltage, 50/60Hz
- Power factor > 90%
- THD (Total Harmonic Distortion) < 20%
- Ambient operating temperature -40°C to 40°C
- 20kA surge protection (inset). Automatically turns feature off-line when device is consumed

ELECTRICAL (CONTINUED)

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Includes a long-life Lithium Iron Phosphate battery with optimized battery tender for cold temperature application
- Lifetime of LEDs in emergency mode with 657 lumens. Each of the 4 LEDs in emergency are designed to function independently in the unlikely event of a single LED malfunction
- Spectron™ self-testing/diagnostic electronics are included standard
- Independent dedicated driver and LED array for battery/emergency mode operation

CONTROLS

- Universal ladder photocontrol for dusk to dawn energy savings
- Photocell and occupancy sensor options available for complete on/off and dimming control

CERTIFICATIONS

- PSE listed housing
- DesignLights Consortium® (DLC) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Zero-voltage (ZV) dark sky, neighbor friendly
- Drivers IP65 and RoHS compliant
- This product qualifies as energy saving by American Council on Energy-Efficient Buildings (ACEE) and Energy Star (see ENEC 10 for more info)
- "Integrated country construction materials" under Trade Agreements effective 06/03/2009. See www.us-trade-agreements.com

WARRANTY

- 5 year limited warranty
- See UL Standard W999 for additional information

KEY DATA

Lumen Range	3,200-10,000
Wattage Range	25-87
Efficiency Range (lm/W)	70-146
Fixture Projected Life (Hours)	170-60K
Weight (kg, lbs)	6-11 (13-24)

Hubbell Lighting

2 **LUMINAIRE TYPE 'W'**
 SCALE: N.T.S.

1 **ELECTRICAL SITE PLAN AND PHOTOMETRIC**
 SCALE: 1:150

Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	(MANUFAC)	Mounting Height	BUG Rating
	4	W	Single	TRP2-24L-30-3K7-3	0.900	3374	27.9	111.6	HUBBELL OUTDOOR	4.5	B1-U0-G1

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
Wall Mounts TYPE W	Illuminance	Fc	1.51	2.5	0.5	3.02	5.00	

No.	DATE	DESCRIPTION	CH'D
1	2022-07-13	ISSUED FOR SPA	TS

REVISIONS

THE SPECIFICATIONS ARE TO BE CONSIDERED AS AN INTEGRAL PART OF THESE DRAWINGS AND NEITHER THE DRAWINGS NOR THE SPECIFICATIONS SHALL BE USED ALONE. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. DO NOT SCALE.

PROJECT NORTH

QUASAR CONSULTING GROUP

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15 Jul 2022
 T.W. SEDORE
 LICENSED PROFESSIONAL ENGINEER
 PROVINCE OF ONTARIO

PROJECT	1592 TENTH LINE ROAD OTTAWA
TITLE	ELECTRICAL SITE PLAN AND PHOTOMETRIC
CHECKED	--
SCALE	AS SHOWN
PROJECT No.	SINCR-22-
DRAWING No.	E-001