



RightChoice

RCAL1 | LED Area/Site Lighting with Selectable CCT



Key Features

- Best-in-class outdoor lighting solution that ensures outstanding performance and value.
- Sleek aesthetic presents a modern appearance for sites and is night sky friendly.
- Easy installation by one person in the field.
- Optional rotatable optics provide design flexibility for unique aspects of a site plan to deliver light exactly where it's needed.
- Selectable correlated color temperature (CCT) with integrated switch.

Electrical

- 120-277VAC or 277-480VAC, 50/60Hz input.
- IP65 rated Class 2 driver, 0-10V dimming standard.
- 10kV surge protection standard; 20kV option also available.
- System power factor >90% and THD <20%.
- Operating temperature: -40°C to 50°C (-40°F to 122°F).

Mounting

- Slip filter, pole mount, or trunion mounting options available.

Construction

- Die-cast aluminum housing protects integral components from harsh environments and optimizes thermal management.
- Housing is protected by a corrosion resistant powder coat available in standard bronze, white or black finish. Consult factory for custom color options.
- IP65 rated enclosure prevents intrusion from environmental elements that could degrade performance.

Optics

- IP65 rated LED light engine prevents dust or moisture from degrading performance.
- Precision molded optics: IES Type II, Type III, Type IV, or Type V distributions. Optional rotatable optics available (consult factory).
- Industry-leading LEDs with selectable CCT: 3000K, 4000K, and 5000K CCT (min. 80 CRI).
- Lumen Maintenance: >167,000 hours (L70)¹ (-40°F to 122°F).

Warranty

- Backed by US LED's industry-leading Ten-Year Warranty.

Ordering Information

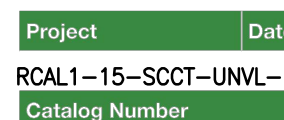
Example: RCAL1-30-SCT-UNVL-1-3-10SP-ZS 200 N

Series	Size	Selectable CCT	Mount	Finish	Optics	Power	Product Code
RCAL1	30	3000K, 4000K, 5000K	DM	White	Type 4	200W	RCAL1-30-SCT-UNVL-1-3-10SP-ZS 200 N

1. US LED product "Lifetime" refers only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's (IES) Projected Lumen Maintenance methodology at a 20°C (77°F) ambient temperature. The lifetime is only meant to be a guide for expected LED degradation and not a warranty or prediction of the actual life, which can be affected by ambient temperature and other factors.

2. Size 15 (1000mm/39.37in) performance is 200000/100000h.

RCAL1 010024 Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications. 1



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Product Performance Summary

- Lumen Output:** Up to 47,318 lumens
- Efficacy:** Up to 156 LPW
- CRI:** > 80 CRI
- Available CCT:** Selectable CCT 3000K, 4000K & 5000K
- Warranty:** Ten-Year Warranty

Product Overview

- The contemporary styling of the Right Choice Series (RCAL1) presents an attractive aesthetic that incorporates seamlessly with the existing architecture. It provides all the benefits of advanced LED technology, including selectable CCT, into a high-performing, ultra-long-life outdoor luminaire. Best-in-class photometric performance ensures exceptional uniformity and optimal pole spacing. With multiple lumen packages and mounting options, the RCAL1 can be a complete lighting solution for any outdoor application.

Product Applications

- Auto Dealerships
- Recreational Areas
- Retail Parking Lots
- Industrial Facilities
- Educational Facilities
- Security Areas
- Business Campuses
- Site Pathway Areas

Product Certifications

- UL Listed
- Complies with UL1598 and CSA C22.2
- DLC Premium Listed
- Suitable for Wet Locations (IP65 Rated)
- RoHS Compliant

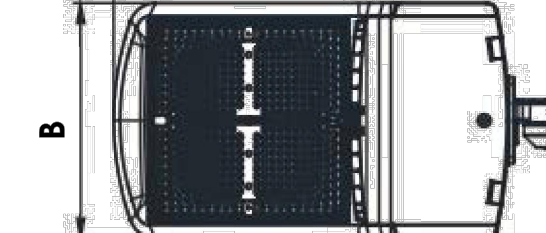
Mounting Accessories	Finish
DM Adjustable Slip Filter	White
DM 4" Square/Round Pole	White
DM 2 1/2" Round Tenon	White
YM Trunion Mount	White

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Dimensions



Size	Mounting	Net Weight	Carton Size
15	AM Adjustable Slip Filter	11.88 lbs.	29.53 in. x 13.19 in. x 6.30 in.
15	DM 4" Square/Round Pole	13.20 lbs.	29.53 in. x 13.19 in. x 6.30 in.
15	ADM 2 1/2" Round Tenon	12.98 lbs.	29.53 in. x 13.19 in. x 6.30 in.
15	YM Trunion Mount	11.22 lbs.	29.53 in. x 13.19 in. x 6.30 in.

Performance Data

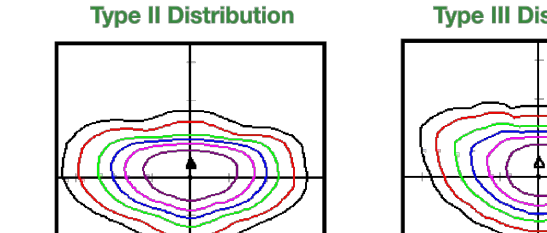
Size	Model	Distribution	Wattage	Lumen Output	Efficacy	BUG Rating	Selectable CCT	L70 Calculated Life
15	100W	Type 2	100.0W	15,772.0	157.7 LPW	B3-U0-G3	3000K/4000K/5000K	>167,000 Hours
		Type 3	100.0W	15,083.0	150.8 LPW	B3-U0-G3	3000K/4000K/5000K	>167,000 Hours
		Type 4	100.0W	15,129.0	151.3 LPW	B3-U0-G3	3000K/4000K/5000K	>167,000 Hours
		Type 5	99.3W	15,063.0	151.7 LPW	B4-U0-G3	3000K/4000K/5000K	>167,000 Hours
		Type 2	120.0W	18,926.0	157.7 LPW	B3-U0-G3	3000K/4000K/5000K	>167,000 Hours

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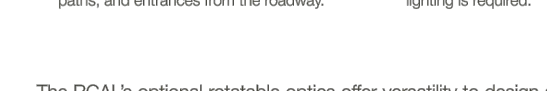
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Optical Distributions

- All photometric testing performed to IESNA LM-79 standards by a NALAP® accredited testing facility. ISO footprint plots below demonstrate examples of the general distribution patterns based on a 20' mounting height. Please visit www.usled.com for complete specifications, IES files, and detailed photometric data.



90° Left Orientation Top View



90° Right Orientation Top View



Mounting Accessories



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QubePAK® Regal 3

Architectural Outdoor LED Wall Pack



Key Features

- Modern LED replacement for traditional fluorescent or HID fixtures.
- Elegant yet rugged construction effortlessly integrates with existing architecture.
- Adjustable, full-cutoff design with a tilt mechanism that allows for precise aiming.
- Night sky friendly, eliminates light pollution and minimizes glare.

Electrical

- 120-277VAC 0-10V dimming standard.
- System power factor >90% and THD <20%.
- Operating temperature: -40°C to 40°C (-40°F to 104°F).

Mounting

- Luminaire is ready to be surface mounted.

Construction

- Robust die-cast aluminum housing protects integral components from harsh environments and optimizes thermal management.
- Housing is protected by a corrosion resistant bronze powder coat finish.
- IP65 rated enclosure prevents intrusion from environmental elements that could degrade performance.

Optics

- Type II or Type IV optical distribution.
- IP65 rated enclosure prevents intrusion from environmental elements that could degrade performance.
- Lumen Maintenance: 100,000 hours (L70)¹

Warranty

- Backed by US LED's industry-leading Ten-Year Warranty.

Ordering Information

Example: WPR3-UNVL-37W-2-50-BZ

Series	Input Voltage	Power	Optics	CCT	Finish	Accessories
WPR3	120-277V	37W	Type 2	3000K	Bronze	Phoscoat
		58W	Type 4	4000K		
		70W		5000K		
		100W				

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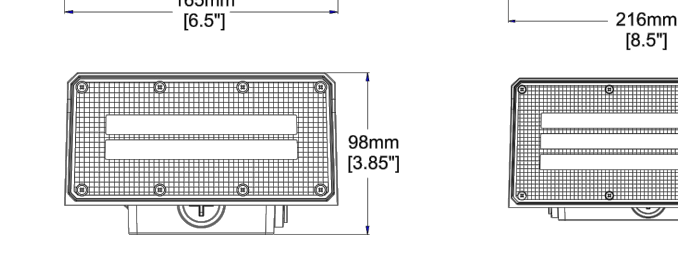
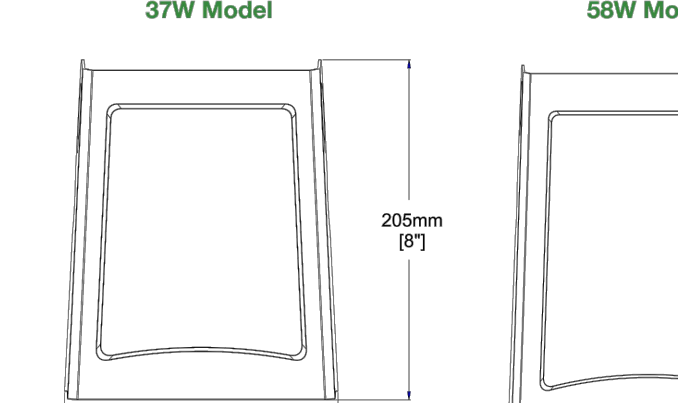
2. 37W model is non-dimmable.

WPR3 020023 Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications. 1



QubePAK Regal3

Architectural Outdoor LED Wall Pack



Model	Net Weight
37W	2.87 lbs. (1.3kg)
58W	4.63 lbs. (2.1kg)
70-100W	5.95 lbs. (2.7kg)

Performance Data

Model	Available CCT	System Level Power	Delivered Lumens	Efficacy	L70 Calculated Life
WPR3-UNVL-37-X-XX-BZ	3000K/4000K/5000K	37.1W	4,701	126 LPW	100,000 Hours
WPR3-UNVL-58-X-XX-BZ	3000K/4000K/5000K	58.4W	7,695	132 LPW	100,000 Hours
WPR3-UNVL-70-X-XX-BZ	3000K/4000K/5000K	71.8W	10,201	142 LPW	100,000 Hours
WPR3-UNVL-100-X-XX-BZ	3000K/4000K/5000K	104.5W	14,007	134 LPW	100,000 Hours

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REVISIONS:

STORE # 30493
101 WHITNEY STREET
STAYTON, OR

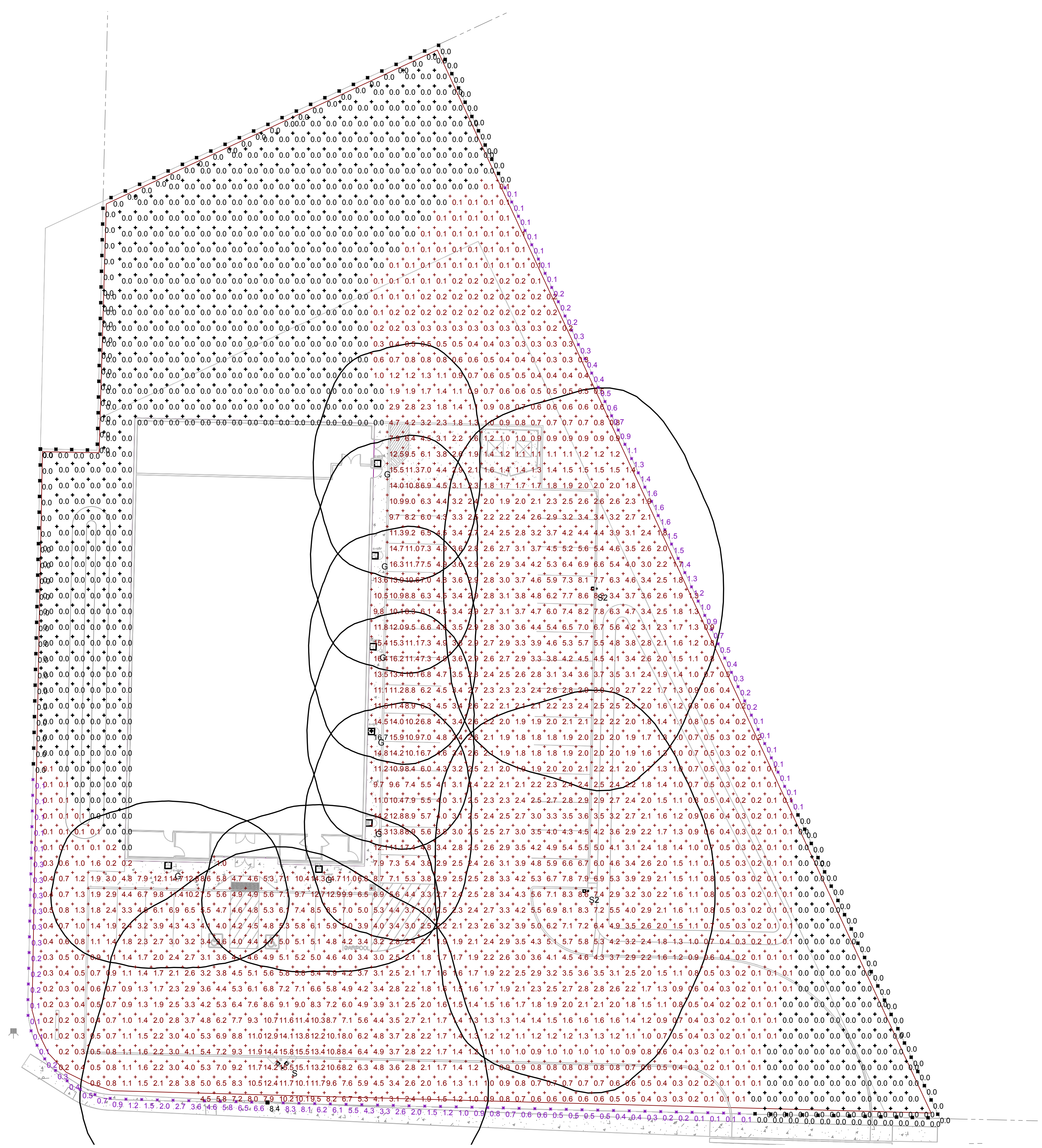
DOLLAR GENERAL
PROTOTYPE CRITERIA SET PLAN
DGP24 AND DGM24 "B"
ARCHITECTURAL AND ENGINEERING DEPARTMENT
EISPLANS@DOLLARGENERAL.COM

DATE:
DECEMBER 4, 2023
DRAWING TITLE
LIGHTING FIXTURES
SCALE:
AS NOTED
SHEET NO.

PH-2

Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
	G	7	USLED	WPR3-UNVL-37-4-50-BZ	LED WALL MOUNT LIGHT AT 12' AFG	1	10174	1	71.2
	S	1		RCAL1-15-SCCT-UNVL-1-3-10SP-150		1	21890	1	291.56
	S2	2		RCAL1-15-SCCT-UNVL-1-3-10SP-150		1	21890	1	145.78

Description	Symbol	Max	Min	Max/Min	Avg/Min	Avg
Property Line	X	8.4 fc	0.0 fc	N/A	N/A	0.6 fc
Area	+	16.7 fc	0.0 fc	N/A	N/A	2.3 fc



PHOTOMETRIC PLAN
1"=20'-0"

REVISIONS:

THESE DOCUMENTS ARE PROVIDED AS A DESIGN CRITERIA TEMPLATE FOR THIS BUILDING TYPE. THESE DRAWINGS MUST BE REVIEWED AND ADAPTED BY A LICENSED ARCHITECT AND ENGINEER TO COMPLY WITH THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES FOR SITE SPECIFIC PROJECTS. ALL PROJECTS MUST BE APPROVED BY DOLLAR GENERAL PRIOR TO START OF CONSTRUCTION.

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DGP24 AND DGM24 "B"
ARCHITECTURAL AND ENGINEERING DEPARTMENT
EISPLANS@DOLLARGENERAL.COM

DATE: DECEMBER 4, 2023
DRAWING TITLE: PHOTOMETRIC PLAN
SCALE: AS NOTED
SHEET NO.

PH-1