

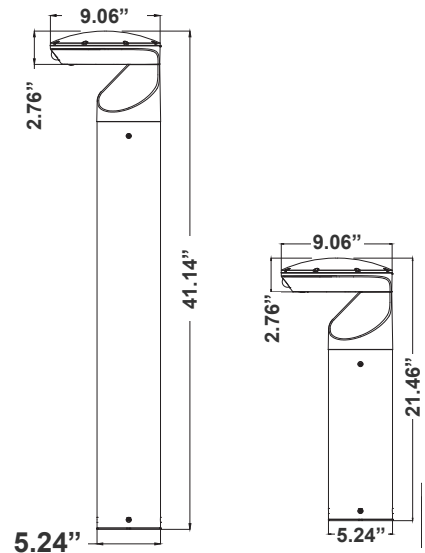
Project Name: \_\_\_\_\_ Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

### INTENDED USE

The Single-Arm Solar LED Bollard Path Light provides energy-efficient pathway and site illumination for commercial, campus, hospitality, and landscape applications. Powered by an integrated solar panel and rechargeable lithium battery, the fixture eliminates the need for trenching or line-voltage wiring for simplified exterior installation. Durable wet-location-rated aluminum construction ensures reliable dusk-to-dawn performance for walkways, courtyards, parks, and perimeter environments with minimal maintenance.

### FEATURES

- Construction:** Corrosion resistant aluminum
- Lens:** Impact-resistant polycarbonate
- Color Temperature:** 30/40/50K Selectable Switch
- Battery Type:** Ternary Lithium
- Battery Life:** More Than 2000 Cycles (2000/365days=5.47 Years) With Overcharge and Over-Discharge Protection
- Charging Time:** 8>Hours
- Operating Time:** Normal Mode> 11 Hours, Intelligent Mode 2-3 Days
- Solar panel Wattage:** 4W
- Voltage:** 120-277V
- Power Factor:** >0.9
- Efficacy:** 150 LPW
- Operating Temperature:** -40°F to 113°F
- Lumen Output:** 600 lm Max.
- CRI:** 70+
- Beam Angle:** 360°
- Life:** 70000 Hours
- Listings:** IP65, Wet Location
- Warranty:** 7 years carefree for parts & components (Labor not included)



41.14"(H) x 9.06"(W) x 5.24"(D)  
21.46"(H) x 9.06"(W) x 5.24"(D)



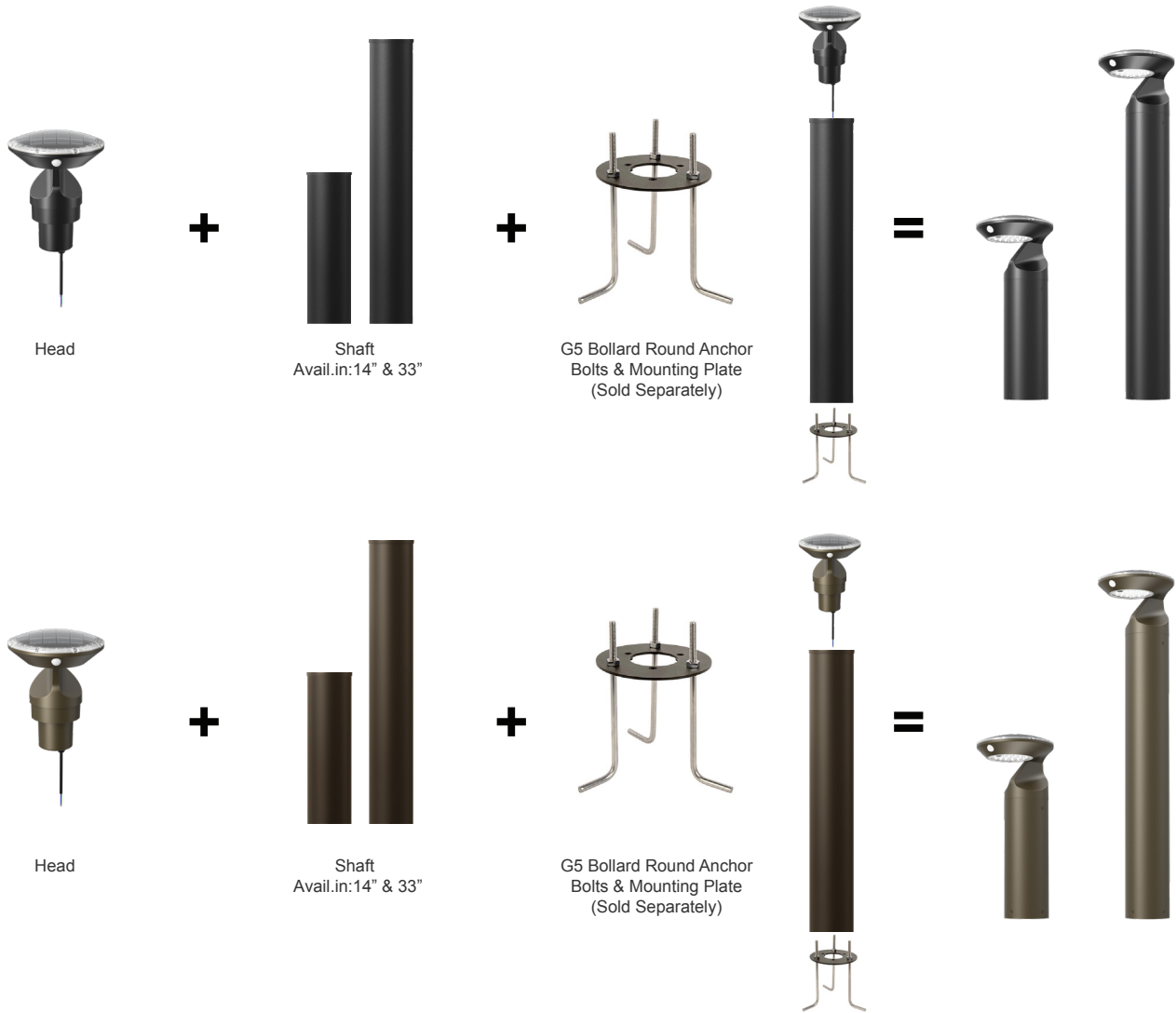
Control for Solar powered bollard

### ORDERING INFORMATION Example:

Model	Height	Finish	Options
9083-SOL	21IH 21-Inch	BZ Bronze	RC-SOL Remote Control
	41IH 41-Inch	BK Black	

Alcon Lighting 9083-SOL Single-Arm Solar LED Bollard Path Light with Selectable CCT

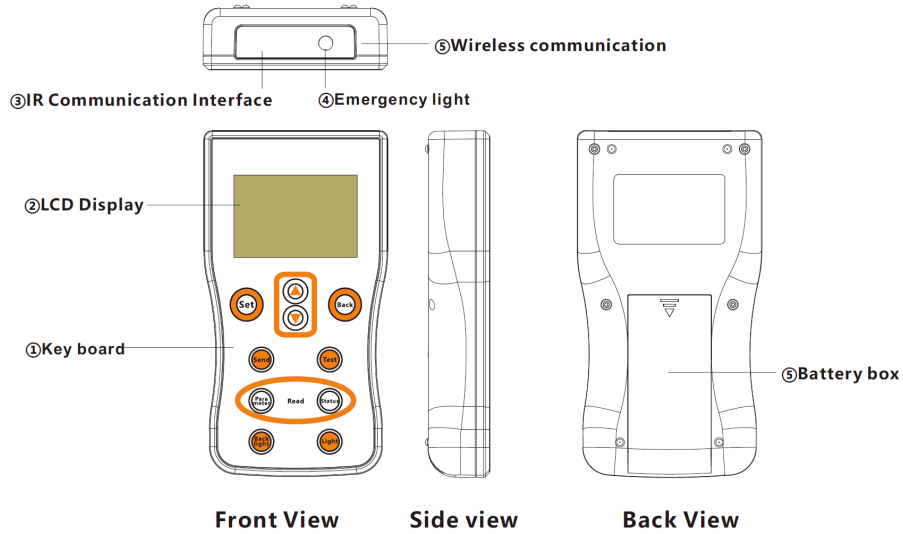
## STRUCTURAL DESIGN



## ELECTRICAL INFORMATION

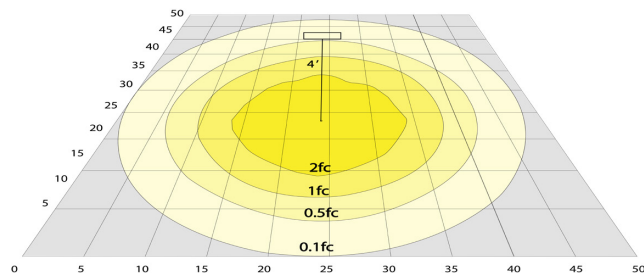
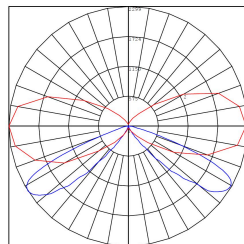
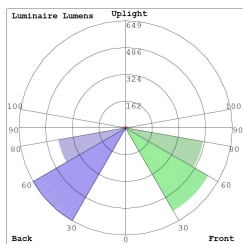
Lighting Scheme	Time 1	Time 2	Time 3	Time4	Time 5	Energy Consumption	Working Hours In Rainy Day
1 (Factory Default)	6H x 30%	0H x 100%	0H x 100%	TOT x 0%	1H x 30%	7.4Wh	4-5 Days
2	6H x 30%	6H x 30%	0H x 100%	0H x 0%	0H x 100%	12.6Wh	3-4 Days
3	6H x 50%	6H x 30%	0H x 100%	0H x 0%	0H x 100%	16.8Wh	2-3 Days
4	4H x 70%	4H x 30%	4H x 30%	0H x 0%	0H x 100%	18.2Wh	1-2 Days
5	4H x 100%	2H x 50%	0H x 100%	0H x 0%	0H x 100%	17.5Wh	2-3 Days
6	2H x 50%	4H x 30%	0H x 100%	TOT x 20%	1H x 30%	12.3Wh	3-4 Days
7	4H x 80%	2H x 30%	0H x 100%	TOT x 0%	1H x 80%	16.1Wh	2-3 Days

## REMOTE CONTROL INSTRUCTIONS



Key Name	Function	Long press key function
Set	Parameter setting/ confirmation	Press "Set" and "Light" key to lock or unlock the parameters
▲	1. Menu Page Up 2. Increase the setting data	Continuous increase the setting data
▼	1. Menu Page Down 2. Decrease the setting data	Continuous decrease the setting data
Back	Return to the menu / exit	Press "Set" and "Back" key to enter the communication selection interface
Send	Send Parameters	_____
Test	Test the setting	_____
Read	Parameter	Read Parameters
	Status	Read running status
Backlight	Turn on the LCD backlight	Press "Backlight" and "Back" key to enter or exit the transport mode
Light	1. Open the emergency lighting 2. SOS lights switch	Press "Light" and "Set" key to lock or unlock the parameters

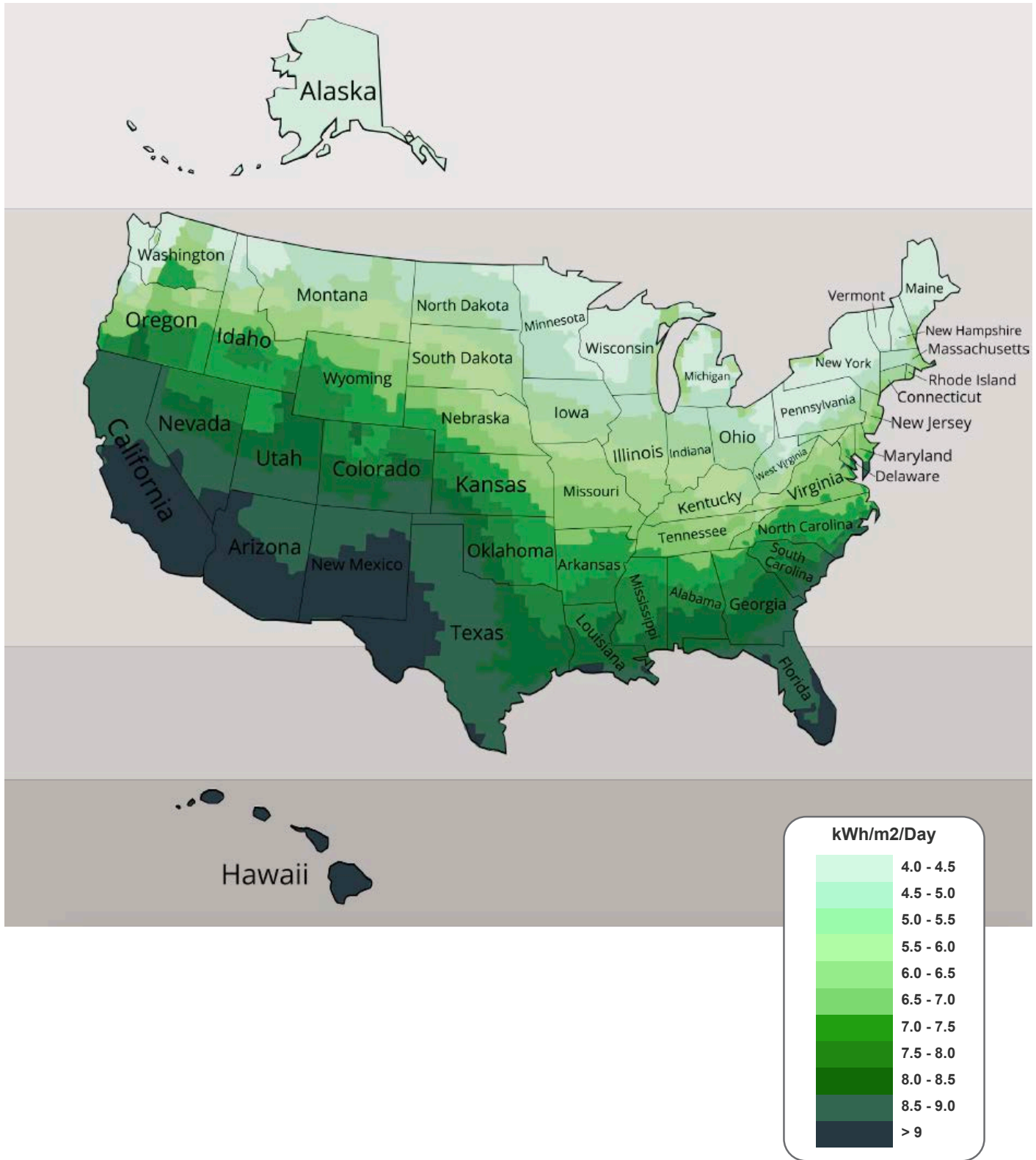
## PHOTOMETRY



BUD Rating: B1-U2-G1

Area 75'x 65'    Mounting Height: 4'

## SOLAR RADIATION



## COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
<b>WARM WHITE</b>	<b>SOFT WHITE GLOW</b>	<b>NEUTRAL GLOW</b>	<b>COOL WHITE GLOW</b>	<b>DAYLIGHT GLOW</b>
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
X	✓	X	✓	✓