

LGF2 Series – 2 piece Programmable Solar Flood Light

FEATURES & SPECIFICATION SHEET



Application

The LGF2 Series All-In-One Solar Powered LED Flood Light is a standalone solution specifically designed for Walkways, Parking Lots, Street Lighting Canopy and Area Lighting Applications. All Units come with integrated solar panel and Lithium Ion Battery with Programmable Motion Detection and Dimming. The True Stand-Alone Solution. No wiring infrastructure necessary.

Features

- Polycrystalline Solar Panel
- Rechargeable Li-ion Battery
- Durable Aluminum Construction
- Remote Control
- IP65 Rated
- 150° beam angle,
- 100 Lm/Watt LED Array

LED PCB & Driver

A long lifecycle rating of 50,000 hours

Warranty

Lamp is guaranteed for 3 years against manufacturing defects.



Ordering Information

LGF2-40 - 6K

Model Color

MODEL	COLOR TEMP	WATTS	LUMENS	REPLACES (HPS MHL HID)	DIMENSIONS	
					L1/L2	D1/D2
LGF2-10	5000k	10w	1000Lms	50w	3.94"	.24"
LGF2-15	5000k	15w	1500Lms	75w	3.94"	.24"
LGF2-20	5000k	20w	2000Lms	100w	3.94"	.24"
LGF2-40	5000k	40w	4000Lms	150w	3.94"	.31"
LGF2-50	5000k	50w	5000Lms	350w	7.87"	.31"

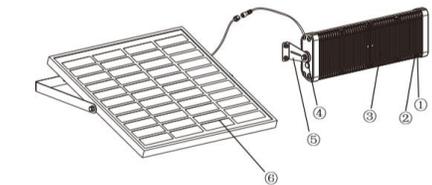
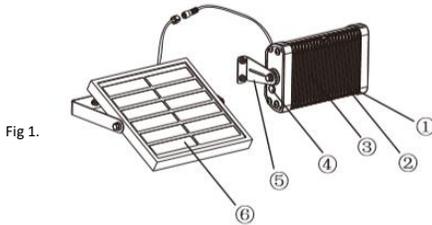


LGF2 - Operating Instructions

Contents: (see Fig 1, 2)

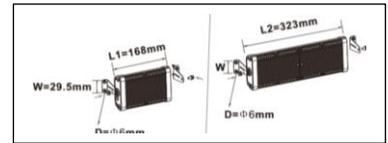
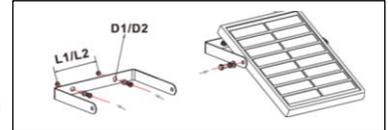
- 1. Battery Capacity Light
- 2. Mode Indicator Light
- 3. LED Array
- 4. Multifunction Switch
- 5. Mounting Bracket
- 6. Solar Panel

Precaution: Install the solar panel facing the sun for maximum charging power. Ideally, It should face SSW (South Southwest)



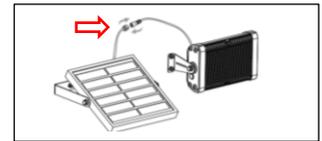
Installation:

- Attach wall bracket to mounting surface, then solar panel to bracket using Included hardware.
D1 (10w/15w/20w): 6mm **D2** (40w/50w): 8mm
L1 (10w/15w/20w/40w): 100mm **L2** (50w): 200mm
- Attach lamp brackets to Lamp housing using included hardware and mount housing to surface.
- Connect Lamp and Solar Panel cables.

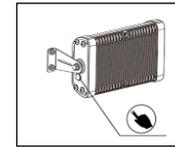


Operation:

- **ON/OFF:** Long Press the Multifunction Switch
- **Mode Change:** Short press Multifunction Switch to select Indoor / Outdoor modes.



- **Mode Indicator Light:**
 Red = Outdoor Mode
 Green = Indoor Mode



- **Battery Capacity Light:**
 Green = >80%
 Orange = 60%
 Red = <40%
 Blinking Red: Extreme Low Voltage Mode

Special Notes:

- Do NOT install the solar panel away from direct sunlight. (I.e. In the shade or between 2 buildings whose height are above the panel.) This will provide insufficient sunlight absorption and charging / operation time.
- Operating range = 20°F to 120°F
- Professional Installation recommended.
- See Operating Instructions to choose a suitable lighting mode for your conditions.

Warning:

- Keep away from fire and oil to avoid explosion hazard.
- Should not be disassembled except by factory technicians.
- Disassembly of the battery is strictly forbidden.
- If the battery doesn't charge for a week, it may possibly be out of power. It will need to be charged under bright sunlight or it can shorten the life span of the pack.
- In order to ensure uninterrupted, reliable operation, it is recommended that the solar panel be inspected for dust and dirt twice yearly and cleaned if necessary.

Construction Materials:

Solar Panel: Polycrystalline

Battery: Lithium Ion (Li-Ion) Rechargeable

Housings: Aluminum Alloy/Polycarbonate

- Indoor**
 - 🏠 : Reading Mode
 - 🏠 : General Mode
 - 🏠 : Atmosphere Mode
- Outdoor**
 - ☁ : Rainy Mode
 - ☁ : Cloudy Mode
 - ☀ : Sunny Mode
- ☀+ : 10% step up
- ☀- : 10% step down
- 5H : Set the Timer 5 hours
- 3H : Set the Timer 3 hours

