

SOLAR FLOOD LIGHT | WEBSITE FINAL EDITION

A stronger solar flood light range for security, yards and commercial lighting.

Independent-panel solar flood lights with remote control, PIR options, LiFePO4 storage and multiple kit sizes for residential, commercial and project-grade outdoor lighting.



20-300W

PRODUCT RANGE

3,200-48,000 lm

OUTPUT RANGE

12 selections

VISIBLE LINEUP

More than one model - a complete buyer-ready range.

Independent-panel solar flood lights with remote control, PIR options, LiFePO4 storage and multiple kit sizes for residential, commercial and project-grade outdoor lighting.



01

Source-ready product families

Multiple housings, panel sizes and packaging directions help buyers build a complete market range.

02

OEM/ODM execution

Logo, housing color, color box, manual, label and control profile can be aligned by project.

03

Outdoor quality focus

IP protection, aging inspection, lighting check and packaging review support export programs.

04

Configuration support

Model selection can be matched to application, sunlight hours, working mode and target retail price.

20-300W

POWER RANGE

3,200-48,000 lm

LUMEN RANGE

OEM / ODM

PROJECT SUPPORT

Solar Flood Light engineering matrix

A compact public specification ladder for first-round selection. Final solar panel, battery reserve, sensor logic and packaging can be tuned by market and project target.

Parameter	20W	30W	50W	100W	150W	300W
System flux	3,200 lm	4,800 lm	8,000 lm	16,000 lm	24,000 lm	48,000 lm
Solar panel	6V 8W	6V 12W	6V 18W	6V 30W	18V 60W	18V 120W
Battery	3.2V 6Ah	3.2V 10Ah	3.2V 15Ah	3.2V 25Ah	12.8V 24Ah	12.8V 60Ah
Control	Sensor	Remote	Remote/PIR	Remote/PIR	Timed dimming	Project mode
Application	Entrance	Gate	Yard	Warehouse	Parking	Large area

CONFIGURATION LOGIC

Use the table as a quoting baseline; Reluxlight can adapt battery size, solar panel, CCT, sensor mode and carton system by order program.

COMMON SPECIFICATIONS

01

IP65 standard, IP66 option

02

4000K / 5000K / 6500K

03

Remote control available

04

PIR sensor optional

05

Wall / pole bracket options

06

Logo and packaging configurable

01

Market

retail, project or distributor channel

02

Runtime

working hours and backup-night target

03

Housing

style, finish, mounting and optic

04

Pack

logo, manual, carton and label

PUBLIC DATASHEET NOTE

Public values are prepared for website and quotation discussion. Final configuration is confirmed by project location, order quantity and selected product body.

A complete visual range for market selection.

Twelve visible directions help buyers build a fuller product catalog by style, application and wattage level instead of comparing one isolated model.

 RLF-C20 Compact flood kit 20-30W Gate / entrance	 RLF-R30 Remote control kit 30-50W Home / shop	 RLF-A50 Adjustable PV kit 50W Yard / farm	 RLF-S80 Slim panel flood light 50-80W Wall / signage
 RLF-P100 Panel flood kit 100W Warehouse	 RLF-B120 Black housing kit 100-150W Retail range	 RLF-C150 Commercial kit 150W Parking / yard	 RLF-Q200 Square flood kit 150-200W Security area
 RLF-H300 High-output project kit 200-300W Large open area	 RLF-M30 Mini retail flood 20-30W Shop / doorway	 RLF-D80 Dual-use bracket kit 50-80W Yard / signage	 RLF-I150 Industrial panel kit 100-150W Project supply

RELUXLIGHT RANGE ARCHITECTURE

One public series can be packaged into different sales layers: entry retail SKUs, mid-range distributor models, and project-ready configurations for tenders or local installers.

12

visual selections

4

sales layers

OEM

brand support

Turn the series into a project-ready quote.

Reluxlight can help buyers select the right visual style, wattage, battery reserve, working mode and packaging direction for their target market.

01

Warehouses

Useful application for this series.

02

Parking areas

Useful application for this series.

03

Farms

Useful application for this series.

04

Billboards

Useful application for this series.

05

Security lighting

Useful application for this series.

06

Outdoor yards

Useful application for this series.

07

Construction sites

Useful application for this series.

08

Distributor programs

Useful application for this series.

RELUXLIGHT QUOTATION SUPPORT

- Model ladder by market price level
- Solar panel and battery sizing by working hours
- Logo, manual, color box and carton design
- Sample confirmation before mass production
- Export packaging and document coordination

BEST INQUIRY BRIEF

Send application, installation country, target working hours, backup-night requirement, quantity, logo/packaging needs and any preferred reference model.

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Request configuration