



50W Rechargeable LED Flood Light,
120° Beam Angle, IP54 Battery
Powered

- 50W LED output with 120-degree beam angle
- Internal 8.4V lithium-ion battery pack, twelve 18650 cells at 2,200 mAh
- Approximately 4 hours runtime per charge, 6-hour recharge time
- IP54 rated housing for dust and water splash protection
- 50,000-hour rated LED lifetime
- Compact footprint at 22.50 cm x 24.40 cm x 39.20 cm, 2.65 kg

OVERVIEW

The F-BS50W is a 50W rechargeable LED flood light built for portable and temporary lighting applications where hardwired power is unavailable. Typical uses include construction sites, emergency backup lighting, outdoor work areas, and remote locations requiring self-contained illumination.

The fixture runs on an internal 8.4V lithium-ion battery pack made up of twelve 18650 cells rated at 2,200 mAh, producing a 120-degree beam angle with approximately 4 hours of runtime per charge and a 6-hour recharge cycle. The LED source carries a rated life of 50,000 hours. The housing is rated IP54 for protection against dust ingress and water splash. Overall dimensions are 22.50 cm x 24.40 cm x 39.20 cm with a unit weight of 2.65 kg.

This unit is sold as a final sale item and carries a 1-year limited warranty.

SPECIFICATIONS

OPTICAL

Beam Angle	120°
LED Lifetime	50,000 h

ELECTRICAL

Operating Voltage	5 V
Wattage	50 W

MECHANICAL

Product Dimensions	22.50 cm x 24.40 cm x 39.20 cm
Weight	5.84 lb

ENVIRONMENTAL

IP Rating	IP54
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ORDERING

Warranty	1 y
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APPLICATIONS

- Construction site lighting
- Emergency backup illumination
- Outdoor work areas without power access
- Remote site lighting
- Temporary event or maintenance lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
beam_angle_deg	120°	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	5 V	db	high
wattage	50 W	db	high
product_dimensions	22.50 cm x 24.40 cm x 39.20 cm	pdf	high
weight	5.84 lb	pdf	medium
ip_rating	IP54	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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