



100W LED Flood Light, 6500K, 120° Beam, 11000 Lumens, ETL Listed

- Delivers 11,000 lumens at 100W for 110 lm/W efficacy
- Epistar LED chip produces 6500K color temperature at 70 CRI
- 120-degree beam angle for broad, even light distribution
- IP65 environmental rating for outdoor installation
- ADC12 aluminum housing rated -40°C to 40°C ambient
- ETL Listed with 1-year warranty and 20in 3-phase cable

OVERVIEW

The F-100W-65K-BKES is a 100W LED flood light designed for outdoor commercial and industrial applications, including building facades, parking areas, and site perimeter lighting. The slim aluminum body houses an Epistar chip light source with a 6500K color temperature and a 120-degree beam angle for broad, even light distribution.

The fixture draws 100 watts and delivers 11,000 lumens at 110 lm/W efficacy, with a 70 CRI and an IP65 environmental rating supporting outdoor use. The ADC12 aluminum housing is rated for ambient operating temperatures from -40°C to 40°C and operates on 120-277V input. Installation is supported by an included 20-inch, 3-phase cable.

The unit carries an ETL listing, confirming compliance with applicable U.S. and Canadian safety standards, and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

|                   |           |
|-------------------|-----------|
| Luminous Flux     | 11,000 lm |
| Efficacy          | 110 lm/W  |
| Color Temperature | 6,500 K   |
| CRI               | 70        |
| Beam Angle        | 120°      |
| LED Chip Type     | Epistar   |
| LED Lifetime      | 45,000 h  |

MECHANICAL

|          |       |
|----------|-------|
| Finish   | Black |
| Material | ADC12 |

ORDERING

|          |     |
|----------|-----|
| Warranty | 1 y |
|----------|-----|

ELECTRICAL

|                   |           |
|-------------------|-----------|
| Operating Voltage | 120-277 V |
| Wattage           | 100 W     |
| Wire Length       | 20 in     |

ENVIRONMENTAL

|                               |                         |
|-------------------------------|-------------------------|
| IP Rating                     | IP65                    |
| Ambient Operating Temperature | -40-40 °C<br>-40-104 °F |

CERTIFICATIONS & COMPLIANCE



ETL Listed

APPLICATIONS

- Building facade lighting
- Parking lot illumination
- Site perimeter security lighting
- Warehouse yard lighting
- Outdoor commercial signage lighting

PROVENANCE — REVIEW COPY ONLY

| slug              | value     | source | confidence |
|-------------------|-----------|--------|------------|
| lumens            | 11,000 lm | db     | high       |
| efficacy_lm_per_w | 110 lm/W  | db     | high       |
| cct_k             | 6,500 K   | pdf    | high       |
| cri               | 70        | db     | high       |
| beam_angle_deg    | 120°      | db     | high       |
| led_chip_type     | Epistar   | pdf    | high       |
| led_lifetime_h    | 45,000 h  | db     | high       |
| operating_voltage | 120–277 V | db     | high       |
| wattage           | 100 W     | db     | high       |
| wire_length       | 20 in     | pdf    | high       |
| finish            | Black     | pdf    | medium     |
| material          | ADC12     | db     | high       |
| ip_rating         | IP65      | db     | high       |
| ambient_temp_c    | –40–40 °C | db     | high       |
| warranty_years    | 1 y       | db     | high       |

Specifications subject to change without notice.