



100W LED Flood Light, 10,000lm, 3000K, 120° Beam, IP65 Rated

- 100W power draw on 100-277VAC universal input
- 10,000 lumen output at 3000K color temperature
- 120-degree beam angle for wide-area coverage
- IP65 rated housing suited to wet outdoor locations
- ADC12 die-cast aluminum construction
- 45,000-hour rated LED lifetime with 100 lm/W efficacy

OVERVIEW

The LUMIPRO BKES Series F-100W-30K-BKES is a 100W LED flood light designed for commercial and industrial exterior applications including building facades, parking areas, and site perimeter lighting.

This fixture operates at 100W with a rated output of 10,000 lumens at 3000K color temperature and a 120-degree beam angle. It accepts 100-277VAC input, uses Epistar LED chips, and includes a 20-inch 3-phase cable. The ADC12 die-cast aluminum housing carries an IP65 ingress protection rating for wet and outdoor environments, with an ambient operating range of -40 to 40°C.

The fixture is listed ETL and carries a 5-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	10,000 lm
Efficacy	100 lm/W
Color Temperature	3,000 K
CRI	70
Beam Angle	120°
LED Chip Type	Epistar
LED Lifetime	45,000 h

MECHANICAL

Material	ADC12
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	100 W
Input Connection Type	3-Phase Cable
Wire Length	20 in

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-40-40 °C -40-104 °F

ORDERING

Warranty	5 y
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CERTIFICATIONS & COMPLIANCE



ETL Listed

APPLICATIONS

- building facade lighting
- parking lot and lot perimeter lighting
- warehouse yard illumination
- loading dock area lighting
- site security floodlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	10,000 lm	db	high
efficacy_lm_per_w	100 lm/W	db	high
cct_k	3,000 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
input_connection_type	3-Phase Cable	pdf	medium
wire_length	20 in	pdf	high
material	ADC12	db	high
ip_rating	IP65	db	high
ambient_temp_c	-40–40 °C	db	high
warranty_years	5 y	db	high

Specifications subject to change without notice.