

## Knuckle Mount LED Flood Light, 100W, 5000K, Dusk-to-Dawn Photocell, IP66

### OVERVIEW

The F-G100-50K is a 100W knuckle-mount LED flood light designed for outdoor security and area lighting in commercial, residential, and industrial applications. Equipped with an integrated dusk-to-dawn photocell, the fixture switches on automatically at 10–20 lux and off at 30–60 lux, reducing manual operation and energy waste.

The fixture delivers 14,000 lumens at 140 lm/W efficacy with a 5000K CCT and a 60×120° asymmetric beam angle. CRI is rated at 70. Rated for 50,000 hours of service life, it operates across a wide input voltage range of 100–277V AC at 50/60 Hz with a power factor of 0.92 or greater. The die-cast ADC12 aluminum housing with PC lens carries an IP66 ingress protection rating and is suitable for ambient operating temperatures from -40°C to 40°C (-40°F to 104°F).

The fixture is ETL listed and RoHS compliant. A 5-year warranty is included. Note: cETLus certification is referenced in product documentation; buyers requiring specific listing confirmation should request the current ETL certificate prior to specification.

### SPECIFICATIONS

<b>Power</b>	100 W	<b>Input voltage</b>	100-277 V
<b>Luminous flux</b>	14000 lm	<b>Dimensions</b>	215x150x65 mm
<b>CCT</b>	5000 K	<b>Weight</b>	1.5 kg
<b>CRI</b>	70 Ra	<b>Rated life</b>	50000 h
<b>Beam angle</b>	60x120 °	<b>Operating temp</b>	-40 to 40 °C
<b>IP rating</b>	IP66		

### INSTALLATION

## CERTIFICATIONS & COMPLIANCE

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RoHS



IP66