

## FLY100

100W LED Flood Light

Catalog #

Note

Type

### Product Description

The FLY100 LED flood light delivers 8000 lumens at 5000K. The LED flood light accepts 120-277VAC, consumes 100 watts and produces luminous intensity equivalent to 400W metal halide and quartz halogen fixtures. The FLY100 LED flood light adopts heavy duty die cast aluminum one-piece housing and is rust and corrosion proof, IP65 rated, and sealed to be dirt and insect proof. With one-piece reflector, and high performance LEDs, the fixture outputs ultra wide flood beam angle, and can mount at a broad range of angles with a yoke style arm.

### Performance Summary

120-277VAC Input Voltage

100W Input Power, 400W Metal Halide or Quartz Halogen Equivalent

80 LPW Efficacy

8000 Lumens Lighting Output

5000K Color Temperature

50,000 Hours Lifetime

5 Years Warranty

IP65 Rated for Outdoor Application

Does Not Attract Insects

Yoke-mounted Head with 270 Degree Rotation



### Ordering Information

Example: FLY100HU50K80L100D

MODEL	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT	BEAM ANGLE	OPTIONS
FLY Yoke Mount LED Flood Light	80 80W	HU 120-277VAC	50K 5000K	80L 8000LM	100D 100 Degree	(blank) Black Finish

#### Notes:

Lead times will vary depending on options selected. Consult with your sales representative.

Specifications tolerance:  $\pm 5\%$ .

3000K, 3500K, 4000K, 6000K available on minimum order.

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### Features & Specifications

#### CONSTRUCTION & MATERIALS

- Heavy duty die-cast aluminum housing, fully sealed to be dirt and bug proof
- High quality one-piece reflector
- Integral secondary heat sink to optimize thermal transfer and maximize performance and life of LED
- Driver is mounted in direct contact with the casting for a low operating temperature and long life
- Polyester powder-coated finish, rust and corrosion proof; stabilized to extreme climate changes without cracking or peeling

#### MOUNTING AND WIRING

- Mount directly with a yoke arm and a 1/2" NPT strain relief fitting for easy installation

#### ENVIRONMENTAL SYSTEM

- IP65 rated and suitable for outdoor and wet locations

#### OPTICAL SYSTEM

- High quality one-piece reflector to project light to a wide space
- High performance LEDs mounted on metal core board and integral aluminum heat sink
- Color temperature: 5000K. Other color temperature available for special order, consult factory for lead time.

#### ELECTRICAL SYSTEM

- Integral high performance MeanWell LED driver
- Universal input voltage 120-277VAC, 50/60Hz

PHYSICAL SPECIFICATION	
Housing	Die cast aluminum
Lens Type	One-piece reflector
Finish	Black/Silver
Mounting	Yoke mount
ENVIRONMENTAL SPECIFICATION	
Temp Range	-30–130 °F operating -40–140 °F storage
Humidity Range	20% - 85% RH
Ingress Protection	IP65
OPTICAL SPECIFICATION	
Luminous Flux	8000 lm
Efficacy	80 lm/W
CCT	5000 K
CRI	70
ELECTRICAL SPECIFICATION	
Input Voltage	120-277 VAC, 50/60 Hz
Input Power	100 W
Power Factor	>0.9
Total Harmonic Distortion	<20%
LONGEVITY AND WARRANTY	
L70 Life	50,000 hrs
Warranty	5 years
LISTING AND CERTIFICATES	
ETL and cETL	
CE and RoHS	