



# iBright™ LED Flood Light

## Family Model

LF01  
LF03  
LF05  
LF07  
LF10  
LF15

## Product Description

iBright™ LED Flood Light is an environmentally preferable, cost-effective, maintenance-free alternative to traditional HID lighting.

It is built with high efficacy LEDs (80+ lm/W) and Meanwell driver. They are available from 15W to 150W.

With superior 60%+ energy savings, compared to a metal halide lamp, the flood light provides up to a superlative luminous flux of 12000 lm and only consumes approximate 150 watts.

iBright™ LED Flood Lights are widely used to illuminate facades, landscapes, parking areas and displays in hospitality, public places, office buildings, shopping plazas, apartment complexes and schools etc.

## Performance Summary

---

Power consumption: 15W~150W

---

Luminous efficacy: Typ. 80+ lm/W

---

Lumens: 1500lm~12,000 lm

---

CCT: 5000 K

---

CRI: 70

---

PF>0.92/ THD<20%

---

L70 lifetime: 95,000+h

---

## Recommended Applications

---

Facades, landscapes, parking areas and displays in hospitality, public places, office buildings, shopping plazas, apartment complexes and schools etc.

---



[www.dyna-brite.com](http://www.dyna-brite.com)

Toll free: 800-800-2852

E-mail: [sales@dyna-brite.com](mailto:sales@dyna-brite.com)



ATG ELECTRONICS

## Ordering Information

Typical Order Example: LF03HU50000000

| SERIES         | WATT                        |                             | VOLTAGE        | CCT      | OPTIONS        |
|----------------|-----------------------------|-----------------------------|----------------|----------|----------------|
| LF=Flood Light | 01=15W<br>05=50W<br>10=100W | 03=30W<br>07=75W<br>15=150W | HU=100-277 VAC | 50=5000K | 000000=Default |

## Product Specifications

| CONSTRUCTION & MATERIALS |                                       |                                     |                                      |                                       |                                       |                                       |
|--------------------------|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Type                     | LF01                                  | LF03                                | LF05                                 | LF07                                  | LF10                                  | LF15                                  |
| Dimension                | 183*178*40 mm<br>(7.20*7.00*1.57")    | 225*185*125 mm<br>(8.86*7.28*4.92") | 280*235*145 mm<br>(11.02*9.25*5.71") | 360*290*155 mm<br>(14.17*11.42*6.10") | 360*290*155 mm<br>(14.17*11.42*6.10") | 425*325*175 mm<br>(16.73*12.80*6.89") |
| Housing                  | Die-cast aluminum                     |                                     |                                      |                                       |                                       |                                       |
| Lens Type                | Clear Glass Lens & Polished Reflector |                                     |                                      |                                       |                                       |                                       |

| ENVIRONMENTAL SYSTEM  |                      |
|-----------------------|----------------------|
| Work Environment      | Outdoor use          |
| Operating Temperature | -20°C~50°C(-4~122°F) |
| IP Rating             | IP65                 |

| OPTICAL SYSTEM             |         |        |        |        |        |          |
|----------------------------|---------|--------|--------|--------|--------|----------|
| Type                       | LF01    | LF03   | LF05   | LF07   | LF10   | LF15     |
| Luminous Flux              | 1500lm  | 2600lm | 4300lm | 6800lm | 8500lm | 12,000lm |
| Luminous Efficacy          | 80+lm/W |        |        |        |        |          |
| Color Temperature          | 5000K   |        |        |        |        |          |
| CRI                        | 70      |        |        |        |        |          |
| Lumen maintenance at 6000h | 98.28%  |        |        |        |        |          |

| ELECTRICAL SYSTEM |                      |      |      |      |       |       |
|-------------------|----------------------|------|------|------|-------|-------|
| Type              | LF01                 | LF03 | LF05 | LF07 | LF10  | LF15  |
| Power Consumption | 15 W                 | 30 W | 50 W | 75 W | 100 W | 150 W |
| Input Voltage     | 100-277 VAC 50/60 HZ |      |      |      |       |       |
| PF/THD            | >0.92/<20%           |      |      |      |       |       |

| REGULATORY & VOLUNTARY QUALIFICATIONS |  |
|---------------------------------------|--|
| DLC                                   |  |
| ETL/cETL                              |  |
| UL/cUL, CE certified external driver  |  |



[www.dyna-brite.com](http://www.dyna-brite.com)

Toll free: 800-800-2852

E-mail: [sales@dyna-brite.com](mailto:sales@dyna-brite.com)



ATG ELECTRONICS