

Data Sheet

Dynasty® LED Flood Light

FL1 series



Product Description

Dynasty® FL1 series LED Flood Lights are designed specifically as an energy saving alternative for traditional High Pressure Sodium (HID) wall mount luminaires. By offering highly efficient and optical superior lighting, combined with the extra long life of LEDs, they can significantly reduce energy and maintenance costs while providing uniform light distribution and increased light level.

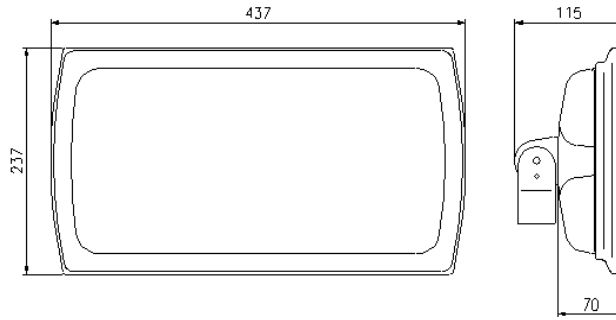
Designed to blend seamlessly into existing HID installations by replicating the form of traditional flat glass lighting fixtures, the Dynasty® FL1 series LED Flood Lights has all of the high performance features that municipalities and utilities have come to expect for all wall mount lighting luminaires. Available in 75 watt and 4000K and 5000K configurations, these fixture operate on a 120/240/277 VAC, 50 or 60Hz universal power input. Each Dynasty® LED Flood Light comes with a 5 year warranty. For more Dynasty® lighting products, Look for the Butterfly!

Features

- Energy efficient
- 75 Watt power consumption
- 180° smooth light output
- Precise constant current driver
- No warm up, flicker-free operation
- Fire retardant materials
- Premium die cast aluminum alloy heat sink for better heat dissipation
- Sleek exterior design
- 2 bolts mounting brackets with adjustable mounting angle
- Glass lenses for outdoor application
- Low carbon footprint
- CCT tolerances comply with ANSI C78.377-2008 standard



Mechanical Dimensions

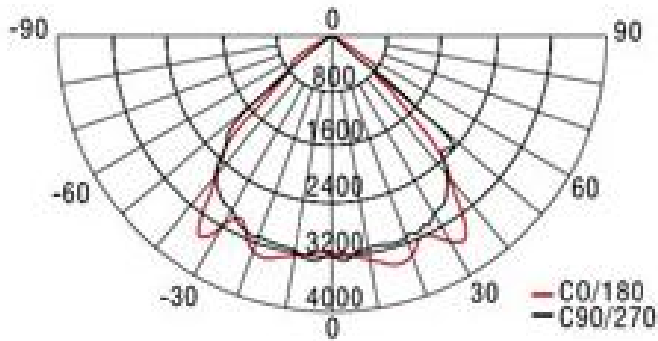


Drawing A

Optical / Electrical Specifications

| Product Number | Input Voltage (VAC) | Watt | Nominal CCT | Typical Lumen Output | CRI | Power Factor | Efficacy (LPW) | LED Quantity | Lamp Weight (pound) | Mounting Hole Diameter (inch) | Mechanical Drawing | Beam Pattern | Typical Installation (FT) |
|----------------|---------------------|------|-------------|----------------------|-----|--------------|----------------|--------------|---------------------|-------------------------------|--------------------|--------------|---------------------------|
| 35010-40 | 120/240/277 | 75 | 4000K | >5500 | >70 | >0.90 | 70 | 75 | 16.5 | 3/8 | A | B | 20-26 FT Wall Mount |
| 35010-50 | 120/240/277 | 75 | 5000K | >5500 | >70 | >0.90 | 70 | 75 | 16.5 | 3/8 | A | B | 20-26 FT Wall Mount |

Light Distribution Curve



Drawing B