# Artemis Series High Mast / Flood Light

## Description

Artemis Led High Mast / Flood Light Series is equipped with wide range optic designs, it provides a lumen output up to 39,200lm when reachs 280W, which could be use for all kinds of high mast lightings.

The modular LED light engine design maximizes the heat dissipation and creates a wide range of luminaire power options to meet different applications.

The flexible and adjustable mounting bracket caters for pole or surface mounting and lights up the necessary areas. The latest high brightness LED technology and driver realized high lumen outputs while minimizing the power consumption. It provides highly reliable system performance with unique multi-level surge protection design up to 10/20KV.

IP 66 | Working Temp -40°C~55°C | Working Humidity ≤ 95%

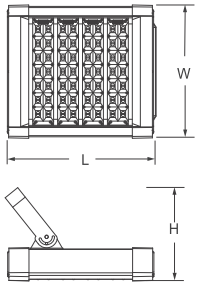
## Light Sources & Optics

| | |
|---|---|
| Light Source | Lumileds / Cree |
| Color Temperature | 4,000K (Options: 3,000K and 5,000K) |
| Color Rendering Index | Ra>70 |
| L80 Lifetime @ 85℃ | 55,000 hours |
| Optic Lens | Polycarbonate |

## Electronics

| | |
|---|---|
| Input Voltage | 120-277Vac,50/60Hz; 220-240Vac,50/60Hz |
| Power Factor | >0.95 |
| Dimming | Non-dimming / 1-10V |
| Surge Protection | 10KV（20KV is optional) |

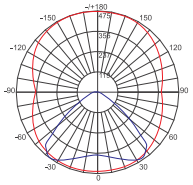
## Dimensional Drawings



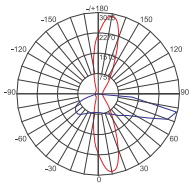

## Ordering Information

| Name | Model | Power (W) | Q'ty of Module | Flux (lm) | Dimension (mm) |
|---|---|---|---|---|---|
| Artemis **Premium** | FL2F30010 | 35 | 1 | 4,900 | L229×W330×H259 |
| | FL2F30020 | 70 | 2 | 9,800 | L253×W330×H259 |
| | FL2F30030 | 105 | 3 | 14,700 | L315×W330×H259 |
| | FL2F30040 | 140 | 4 | 19,600 | L337×W330×H259 |
| | FL2F30050 | 175 | 5 | 24,500 | L439×W330×H259 |
| | FL2F30060 | 210 | 6 | 29,400 | L501×W330×H259 |
| | FL2F30070 | 245 | 7 | 34,300 | L563×W330×H259 |
| | FL2F30080 | 280 | 8 | 39,200 | L625×W330×H259 |
| Artemis **Standard** | FL2F28010 | 30 | 1 | 3,300 | L229×W330×H259 |
| | FL2F28020 | 60 | 2 | 6,600 | L253×W330×H259 |
| | FL2F28030 | 90 | 3 | 9,900 | L315×W330×H259 |
| | FL2F28040 | 120 | 4 | 13,200 | L337×W330×H259 |
| | FL2F28050 | 150 | 5 | 16,500 | L439×W330×H259 |
| | FL2F28060 | 180 | 6 | 19,800 | L501×W330×H259 |
| | FL2F28070 | 210 | 7 | 23,100 | L563×W330×H259 |
| | FL2F28080 | 240 | 8 | 26,400 | L625×W330×H259 |
| | FL2F28090 | 270 | 9 | 29,700 | L687×W330×H259 |
| | FL2F28100 | 300 | 10 | 33,000 | L749×W330×H259 |

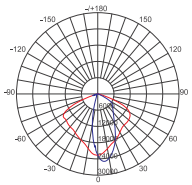
## Light Distribution Curves



Luminous Intensity Unit : cd/klm
Type I



Luminous Intensity Unit : cd/klm
Type III



Luminous Intensity Unit : cd/klm
Type VII