

OPTIMA

FLOOD & SPORTS LIGHTS



Model No: LM-012-PFL7-1000W**

TECHNICAL DESCRIPTION

Optima Flood Lights are high quality flood light fittings designed for long life and low maintenance. Combined with the subtle closed design, this results in a much calmer ceiling appearance with increased efficiency.

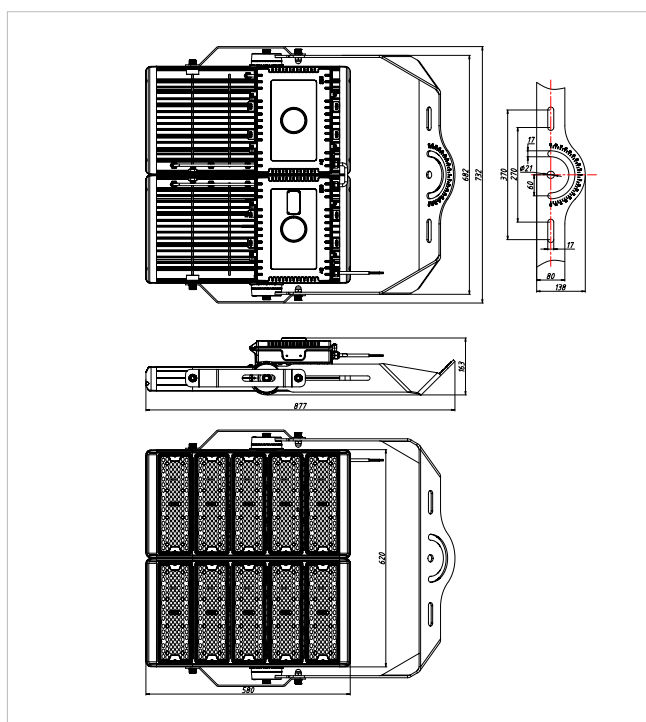
INSTALLATION

Suitable for installation directly to walls or ceilings, indoors or outdoors.

AREAS OF APPLICATION

- Sports Lighting • Area Lighting • Factories,
- Warehouses • Street & High-Mast.

DIAGRAM



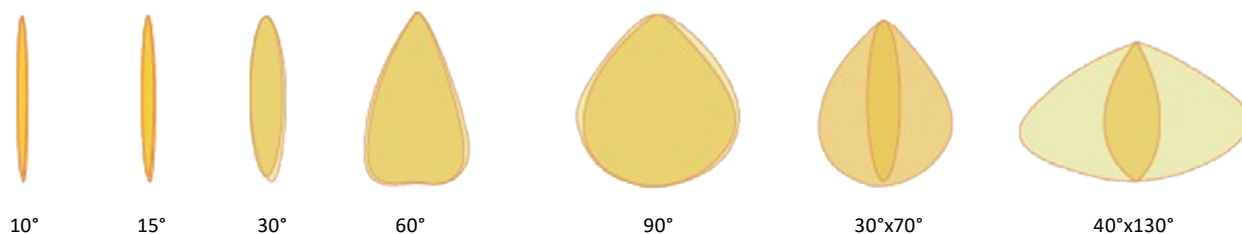
MODEL NUMBER SELECTION

LM-100-NFLX2 - 1000W

S - Non Dimmable
D - Dali
A - 0-10, 1-10
P - Phase

CW - 6000K
NW - 4000K
WW - 3000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PHYSICAL CHARACTERISTICS

| | |
|---------------|-------------------------|
| Installation | Surface |
| Driver | Integrated |
| Dimension | L580 x B620 x H163 (mm) |
| Adjustability | 270° |
| Diffuser | PMMA Lens |
| Rotation | 180° |

| | |
|------------------|--------------------|
| IP-Rating | IP66 |
| IK-Rating | IK10 |
| Fixture Material | Die Cast Aluminium |
| Standard Finish | Grey, Black |
| Net weight | 32.8kg |
| Gross Weight | 37.6kg |

ELECTRICAL CHARACTERISTICS

| | |
|------------------------|---------------------|
| Light Source | Bridgelux |
| LED Power | 1000W |
| LED Luminous Flux | 140000lm |
| Chromaticity Tolerance | SDCM≤6 |
| Color Rendering Index | ≥70 |
| UGR | <27 |
| Color Temperature | 3000K, 4000K, 6000K |
| Start Time | 0.1S |
| Warm-up time to 60% | 0.5S |

| | |
|------------------------|---|
| Beam Angle | 10°/15°/30°/60°/90°/30°*70°/60°*90°/40°*130° |
| Dimming Options | NON-DIM, PHASE, 1-10V, DALI |
| Power Factor | 0.9 |
| Driver Options | LYTEMASTER / MEANWELL / TRIDONIC |
| Extended Configuration | 5000K |
| Options On Request | MICRO WAVE SENSOR DAYLIGHT SENSOR |
| Safety Features | Open Circuit Protection Short Circuit Protection Overvoltage Protection |
| Options On Request | Laser Aiming Device, 20KV SPD |

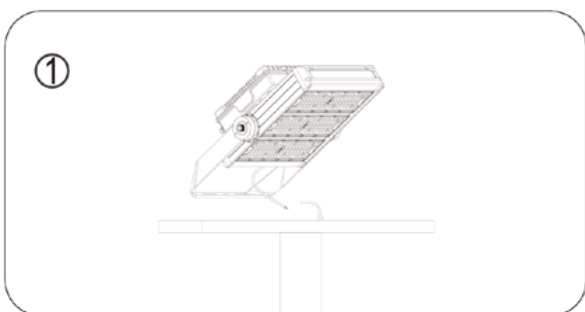
PRODUCT SPECIFICATION

| | |
|-----------------|---------------|
| Mains Volatge | AC100-277V |
| Frequency | 50/60 Hz |
| Safety Class | I |
| Switching Cycle | 100,000 times |

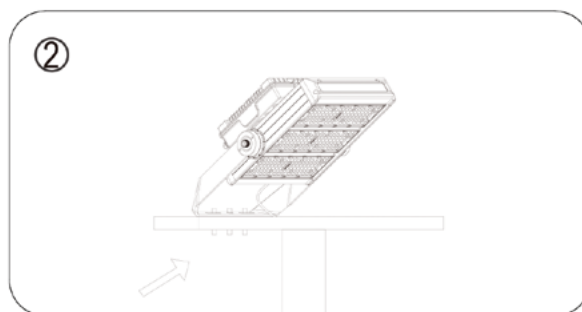
| | |
|---------------------------|---------------|
| Environmental Temp | -30°C ~ +45°C |
| Rated Service Life (h) | 55,000 |
| Certification | CE, RoHS |
| Lumen Maintenance at e.o. | 70% |

Notice: We reserve the right to make the technical changes without notice. Please contact our sales office for further information.

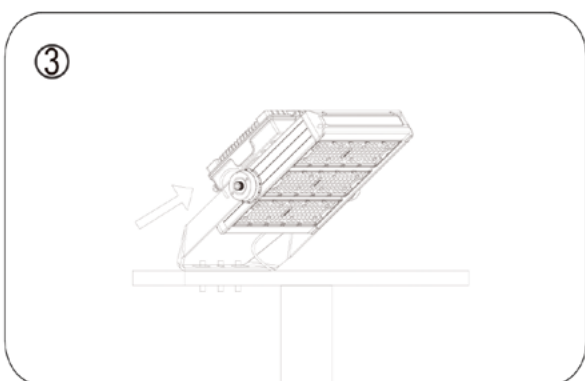
INSTALLATION INSTRUCTIONS



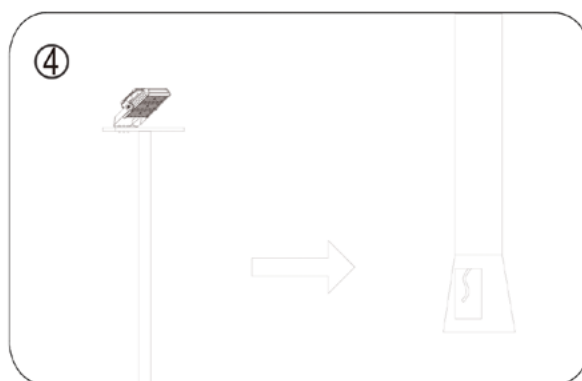
Thread the cable into the pole



Mount the luminaire on the top of the pole



Adjust the required installation angle



Connect the cable to the power line