

OPTIMA

FLOOD & SPORTS LIGHTS



Model No: LM-012-PFL7-500W**

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.

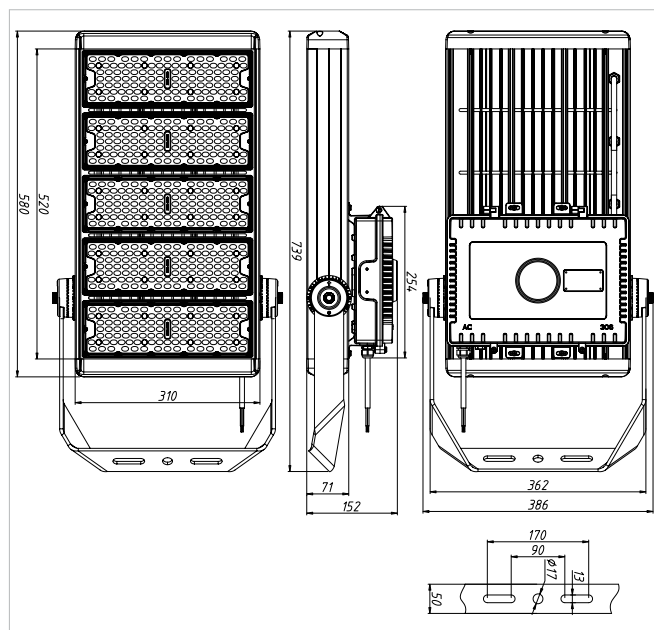
INSTALLATION

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

AREAS OF APPLICATION

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

DIAGRAM



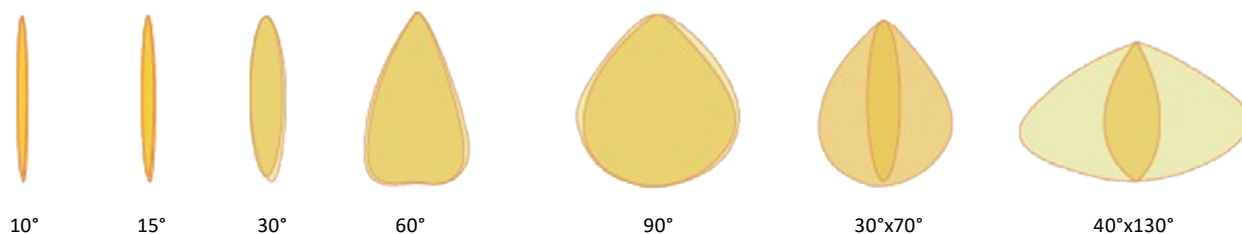
MODEL NUMBER SELECTION

LM-100-NFLX2 - 500W

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 B385 x H152 (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	15.5kg
Gross Weight	18.2kg

ELECTRICAL CHARACTERISTICS

Light Source	Bridgelux
LED Power	500W
LED Luminous Flux	70000lm
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°x70°/60°x90°/40°x130°
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

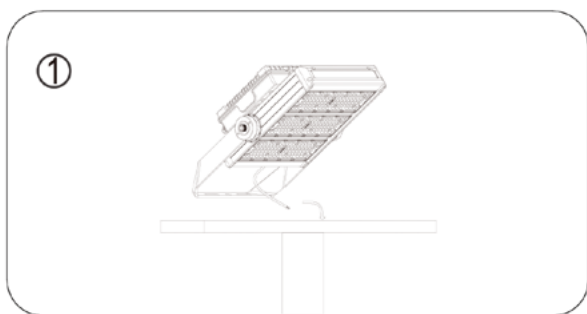
PRODUCT SPECIFICATION

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

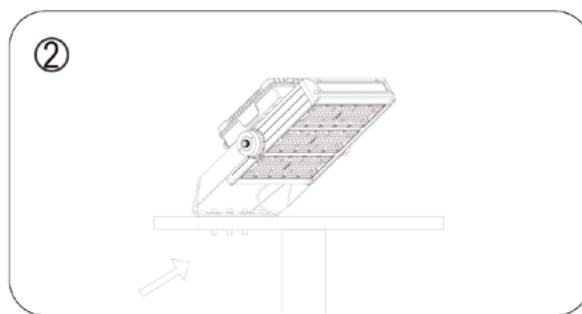
Environmental Temp	-30°C ~ +45°C
Rated Service Life (h)	55,000
Certification	CE, RoHS
Lumen Maintenance at e.o.	70%

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

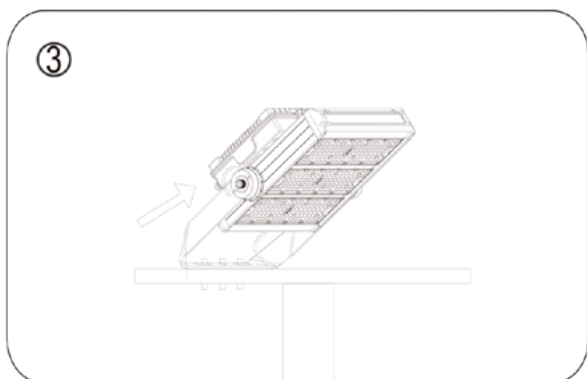
INSTALLATION INSTRUCTIONS



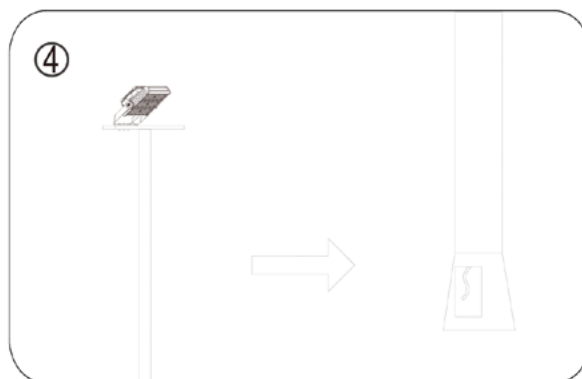
Thread the cable into the pole



Mount the luminaire on the top of the pole



Adjust the required installation angle



Connect the cable to the power line