

# OPTIMA

FLOOD & SPORTS LIGHTS



**Model No: LM-012-PFL7\*\*-300W**

## 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.

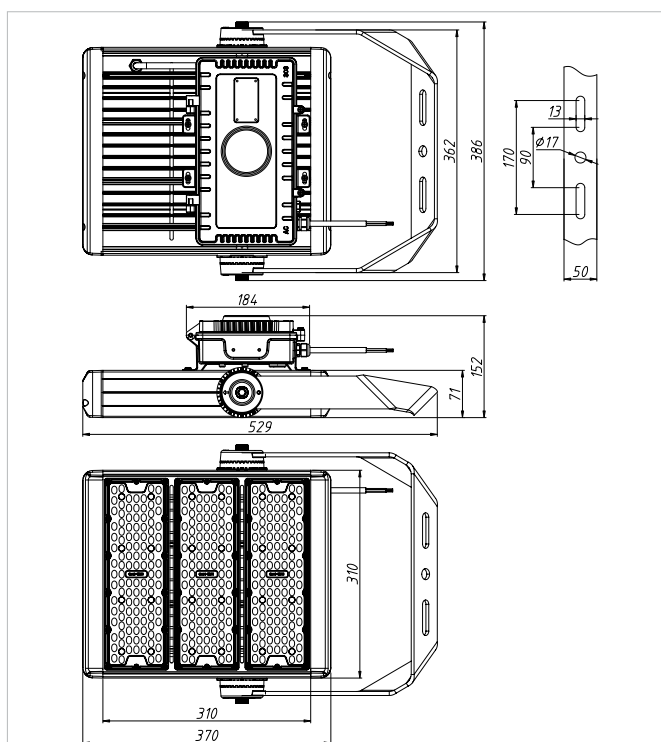
## INSTALLATION

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

## AREAS OF APPLICATION

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

## DIAGRAM



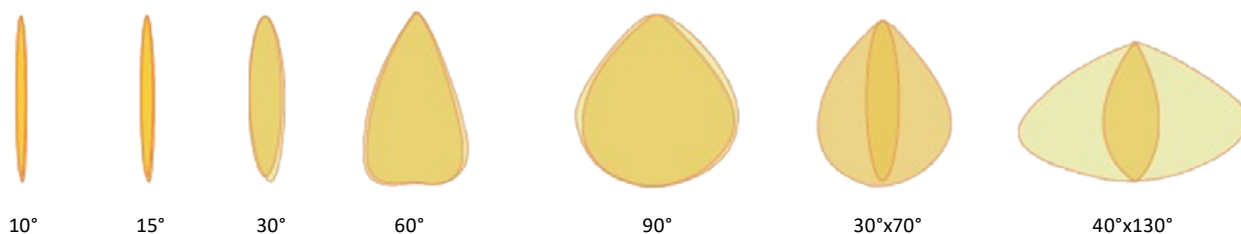
## MODEL NUMBER SELECTION

LM-100-NFLX2   - 300W

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	L370 x B386 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	11.2kg
Gross Weight	13.5kg

## ELECTRICAL CHARACTERISTICS

Light Source	Bridgelux
LED Power	300W
LED Luminous Flux	39000lm
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

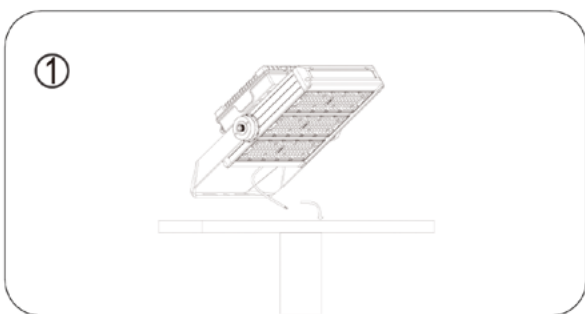
## PRODUCT SPECIFICATION

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

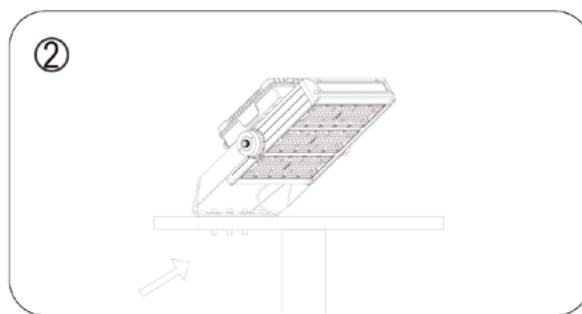
Environmental Temp	-30°C ~ +45°C
Rated Service Life (h)	55,000
Certification	CE, RoHS
Lumen Maintenance at e.o.	70%

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

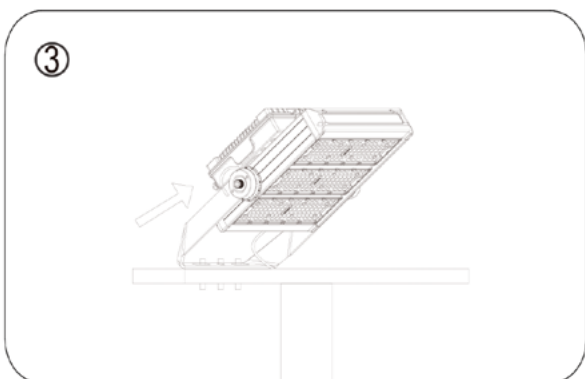
## INSTALLATION INSTRUCTIONS



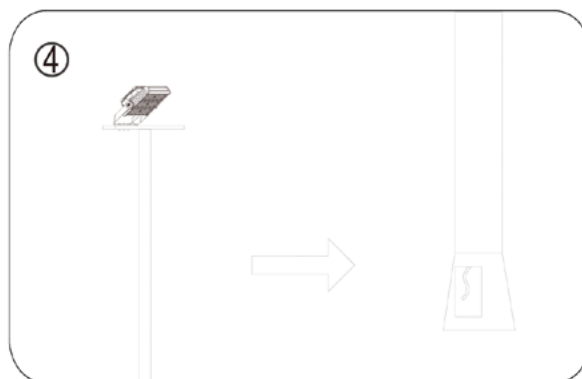
Thread the cable into the pole



Mount the luminaire on the top of the pole



Adjust the required installation angle



Connect the cable to the power line