

# NFL-HP LED Floodlight



The **NFL- HP LED High Power** modular floodlight luminaire is aimed to provide superb lighting distribution with a special designed lens. The floodlight is suitable for sports or /and area lighting. The **NFL- HP LED High Power** modular floodlight is easy to assembly and is designed to replace the conventional HID light sources, suitable for bracket and pole / mast mounting. It's well designed radiating fins help air flow and prevent water to accumulate. Each LED module is equipped with a respirator, preventing water to spray in. The floodlight has an IK08 impact protection grade, which provides better protection for outdoor usage, low maintenance and long life span. Built-in SPD, 10kV surge protection.

## 5-year warranty

## Applications

- Area lighting
- Sports lighting
- Parking lighting
- Toll plazas lighting
- Industrial facilities

**Ingress Protection: IP66 / IK08**



50/60  
Hz



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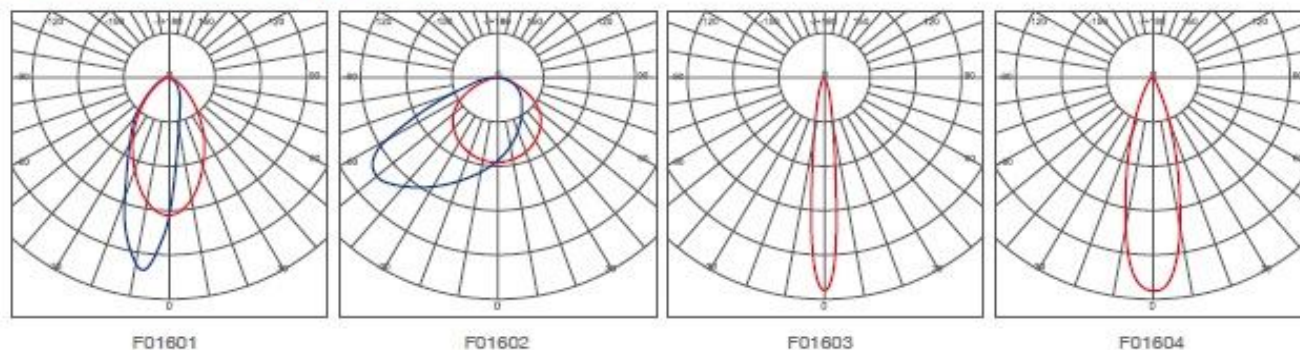
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## Technical Specifications

Model Name	NFL- HP LED Floodlight		
Power Consumption	470W	600W	900W
Corrected Colour Temperature	5000K		
Luminous Flux	51700lm	66000lm	99000lm
Colour Rendering Index	Ra70 / Ra80		
Mains Voltage	100 – 240VAC		
Mains Frequency	50-60Hz		
Driver Intelligent	Constant current @ 2.1A		
Luminous Efficiency (system)	110lm/W		
Power Factor	>0.93		
Mounting type	Bracket and pole mounting		
Ambient Temperature	-30°C to +50°C		
Weight	30kg	30kg	42kg
Rated Lifetime	50000Hrs. (L70 @35°C)		
Beam Angle	F01601 / F01602 / F01603 / F01604		
Ingress Protection	IP66		
Dimensions	587x559x401	587x559x401	817x559x401

## Photometric Diagrams



## Floodlight rotation / tilt angles



The LED modules are connected by a rotation axle, which makes each module have a 70° rotating aiming angle, while the multiple LED (entire) modules having a 40° aiming angle.

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