



AVAILABLE FROM  
NEPEAN ELECTRONICS

NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

## High Bay Lights

NEPEAN Power stocks High Bay Lights suitable for use in a wide variety of indoor and outdoor applications.

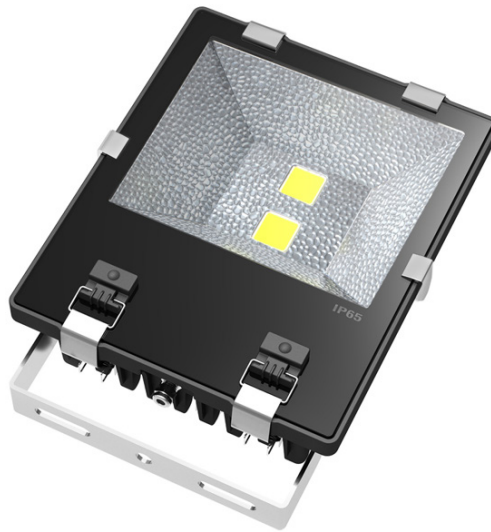
These lights offer superior luminosity along side low power consumption. This design focuses on functionality with easy installation and low maintenance requirements due to a long lifespan.

### Features

- Low power consumption with high luminous efficiency
- High efficiency (up to 91%) with long-life constant current LED power supply
- No UV or RF interference
- High heat conductivity with low luminous decay
- Integrative design for heat sinks and housing - LED is closely connected to the surface
- Heat removal through heat dissipation wing and air ventilation
- Extended lifespan

<b>Part Number</b>	BM-HB-120B
<b>Input Voltage</b>	85V-265V AC
<b>Frequency Range</b>	50Hz-60Hz
<b>Total Harmonic Distortion</b>	≤5%
<b>Power Factor</b>	>0.95
<b>LED Working Voltage</b>	30-36V DC
<b>Power Consumption</b>	120W
<b>LED Luminous Efficiency</b>	95-100LM/W
<b>LED Luminosity</b>	11400-12000LM
<b>Lamp Efficiency</b>	>90%
<b>Illuminance Uniformity</b>	>0.7
<b>Colour Temperature</b>	2700-6500K
<b>Colour Rendering Index</b>	Ra>80
<b>Light Distribution</b>	Symmetric/Rectangular Spot
<b>LED Junction Temperature</b>	≤60°C
<b>Working Temperature</b>	-30°C to 55°C
<b>Storage Temperature</b>	-25°C to 65°C
<b>Lifespan</b>	50000 hrs
<b>Beam Angle</b>	40°/90°/120°
<b>IP Grade</b>	IP65
<b>Certification</b>	CE, RoHS
<b>Dimensions (HxW)</b>	470mm x 500mm

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## Flood Lights

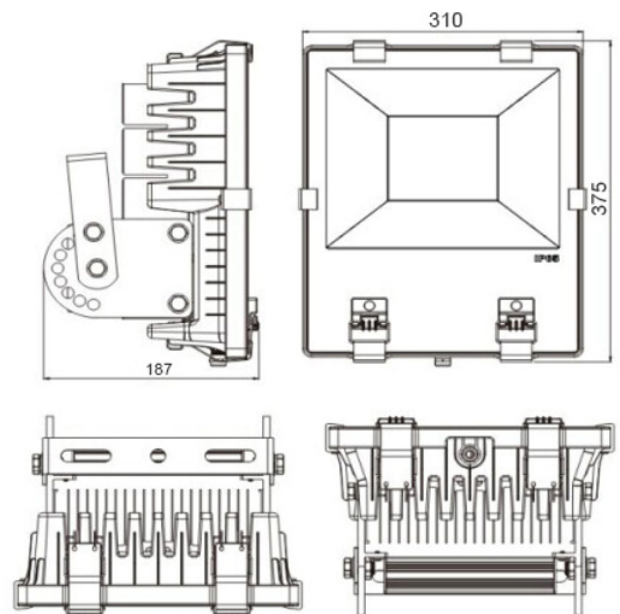
NEPEAN Power stocks Flood Lights suitable for use in a wide variety of indoor and outdoor applications.

While boasting a low power consumption, these lights also allow for superior luminosity.

This design focuses on functionality with easy installation and low maintenance requirements due to a long lifespan.

## Features

- Low power consumption with high luminous efficiency
- Reflector made from die cast aluminium for superior light diffusion
- Dustproof, waterproof and corrosion resistant
- Wide beam angle allowing for large lighting area
- Extended lifespan



<b>Part Number</b>	BM-FL-150A
<b>Input Voltage</b>	85V-265V AC
<b>Power Factor</b>	>0.95
<b>Power Consumption</b>	150W
<b>LED Luminous Efficiency</b>	90LM/W
<b>LED Luminosity</b>	13500LM
<b>Colour Temperature</b>	2700-6500K
<b>Colour Rendering Index</b>	Ra>80
<b>Light Degredation Rate</b>	25000hrs ≤ 15% 50000hrs ≤ 30%
<b>Working Temperature</b>	-35°C to 45°C
<b>Lifespan</b>	50000 hrs
<b>Beam Angle</b>	100°
<b>IP Grade</b>	IP65
<b>Certification</b>	CE, RoHS, SAA, EMC, LVD, UL
<b>Dimensions (HxWxD)</b>	375mm x 310mm x 187mm

For more information please contact:

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