

Armadillo LED - Evolution In Lighting

Tel. 01371 87 69 69 Fax. 01371 87 54 37

Bigods Hall | Bigods Lane | Great Dunmow | Essex | CM6 3BE | England

Email: sportlighting@armark.com Web: www.armadillolighting.com



SPORT & STADIUM LED HIGH MAST LIGHTING 7 YEAR WARRANTY



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LED High Mast Light

100W 200W

Features

- Latest LED chipset technology achieving up to 160lm/w
- 99% reflection by using latest PVD technology
- 100W-200W LEDs to replace equivalent of 250W-500W metal halide lamps
- Outstanding saving compared to metal halide lamps
- Built-in 10KV Philips SPD surge protector
- Easy maintenance

Specifications

APPLICATIONS

- Facade lighting
- Area lighting
- Security lighting
- General floodlighting

IP Rating: IP65

Nominal voltage: 100-265V 50- 60Hz

Electrical class: III (**)

Housing: Marine grade aluminium

Installation height: Up to 30m

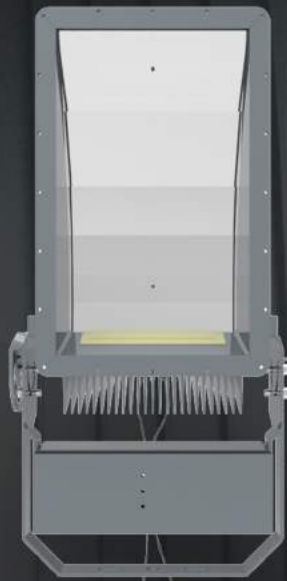
ELECTRICAL SPECIFICATION

- Input Voltage: 90-305V or 180-528V, 50/60Hz, Class 1 drivers
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10kV surge protection as standard
- Wattages from 100W-200W

Model Number	Rated Power	Input Voltage	LED	Driver	Luminous Flux	CCT	CRI	Life Time	Operating Temperature
SP-FL-100	100W	90-305VAC/180-528VAC	Nichia	Meanwell	16,000lm	2700-7000K	80	50,000hrs	-40-70°C
SP-FL-200	200W	90-305VAC/180-528VAC	Nichia	Meanwell	32,000lm	2700-7000K	80	50,000hrs	-40-70°C

LED High Mast Light

100W 200W



Safety wire

External driver for
easy maintenance

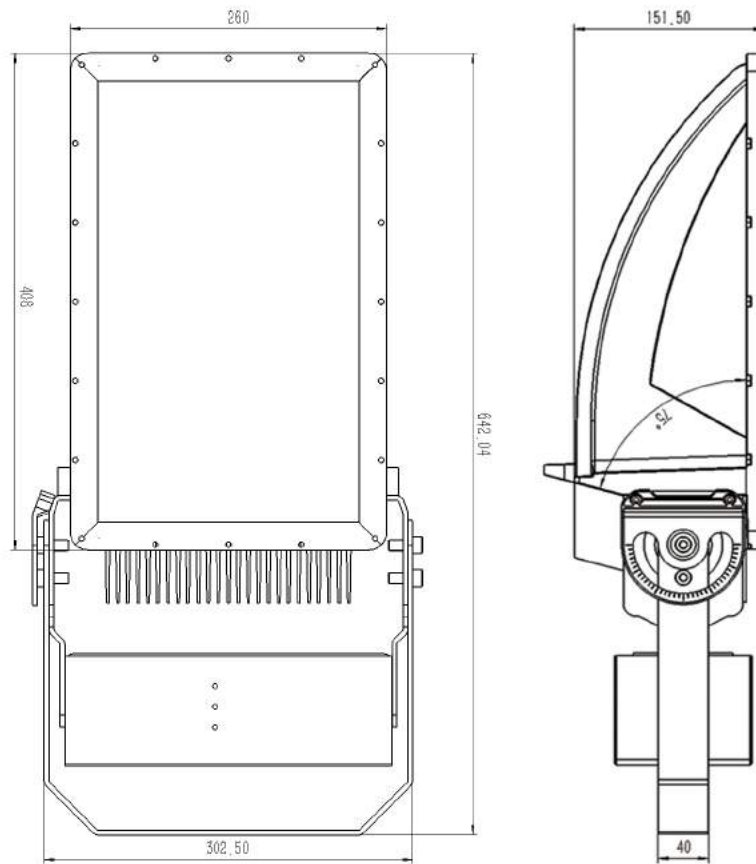


Adjustable bracket from -90° to $+90^{\circ}$



LED High Mast Light

100W 200W



Once desired light projection angle is known, loosen two bolts at each side, adjust angle and tighten.

LED High Mast Light

300W 400W

Features

- Latest LED chipset technology achieving up to 160lm/w
- 99% reflection by using latest PVD technology
- 300W-400W LEDs to replace equivalent of 750W-1000W metal halide lamps
- Outstanding saving compared to metal halide lamps
- Built-in 10KV Philips SPD surge protector
- Easy maintenance

Specifications

APPLICATIONS

- Facade lighting
- Area lighting
- Security lighting
- General floodlighting

IP Rating: IP65

Nominal voltage: 100-265V 50- 60Hz

Electrical class: III (**)

Weight (total): 20kg

Housing: Marine grade aluminium

Installation height: Up to 30m

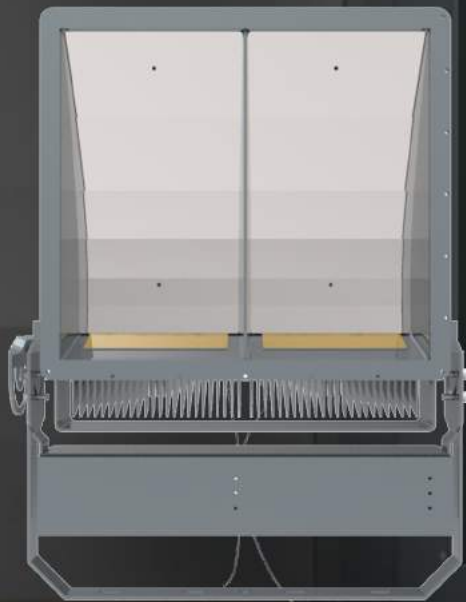
ELECTRICAL SPECIFICATION

- Input Voltage: 90-305V or 180-528V, 50/60Hz, Class 1 drivers
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10kV surge protection as standard
- Wattages from 300W-400W

Model Number	Rated Power	Input Voltage	LED	Driver	Luminous Flux	CCT	CRI	Life Time	Operating Temperature
SP-FL-300	300W	90-305VAC/180-528VAC	Nichia	Meanwell	48,000lm	2700-7000K	80	50,000hrs	-40-70°C
SP-FL-400	400W	90-305VAC/180-528VAC	Nichia	Meanwell	64,000lm	2700-7000K	80	50,000hrs	-40-70°C

LED High Mast Light

300W 400W



— Safety wire

External driver for
easy maintenance

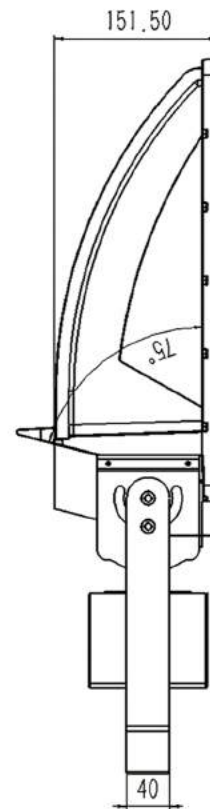
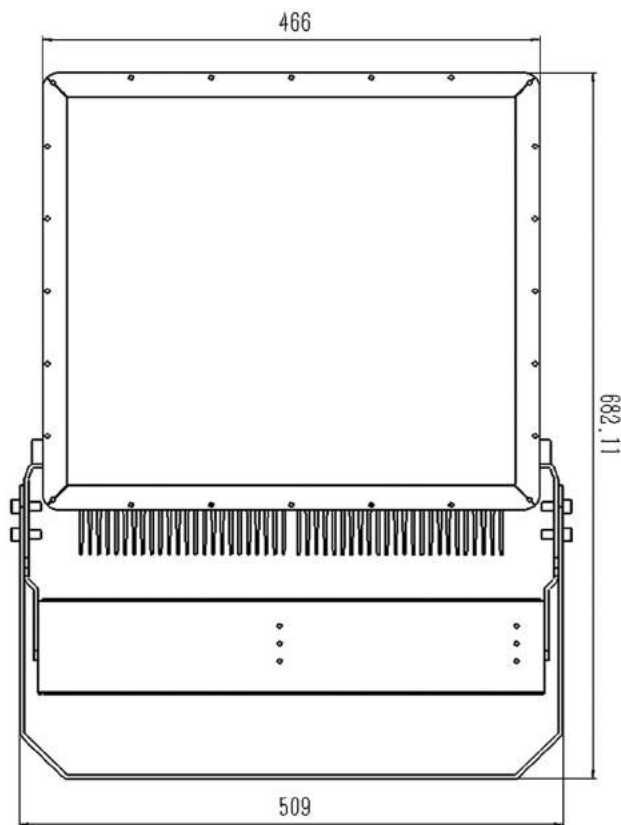


Adjustable bracket from -90° to $+90^{\circ}$



LED High Mast Light

300W 400W



Once desired light projection angle is known, loosen two bolts at each side, adjust angle and tighten.

LED High Mast Light

500W 600W 800W

Features

- Latest LED chipset technology achieving up to 160lm/w
- 99% reflection by using latest PVD technology
- 500W-800W LEDs to replace equivalent of 1000W-1500W metal halide lamps
- Outstanding saving compared to metal halide
- Built-in 10KV Philips SPD surge protector
- Easy maintenance

Specifications

APPLICATIONS

Roadways, Ports, Airport, Railyards, Ship docks & container terminals
Ferry terminals, Sporting facility, International borders, Packing lots
Industrial and commercial sites

- IP Rating: IP65
- Nominal voltage: 90-305V 50- 60Hz
- Weight (Luminaire): 19kg + 8.5kg for power supply (external)
- Housing: Marine grade aluminium
- Installation height: Up to 30m

ELECTRICAL SPECIFICATIONS

- Input Voltage: 90-305V or 180-528V, 50/60Hz, Class 1 drivers
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10kV surge suppression protection standard
- power range from 500W-800W

Model Number	Rated Power	Input Voltage	LED	Driver	Luminous Flux	CCT	CRI	Life Time	Operating Temperature
SP-FL-500	500W	90-305VAC/180-528VAC	Nichia	Meanwell	80,000lm	2700-7000K	80	50,000hrs	-40-70°C
SP-FL-600	600W	90-305VAC/180-528VAC	Nichia	Meanwell	96,000lm	2700-7000K	80	50,000hrs	-40-70°C
SP-FL-800	800W	90-305VAC/180-528VAC	Nichia	Meanwell	128,000lm	2700-7000K	80	50,000hrs	-40-70°C

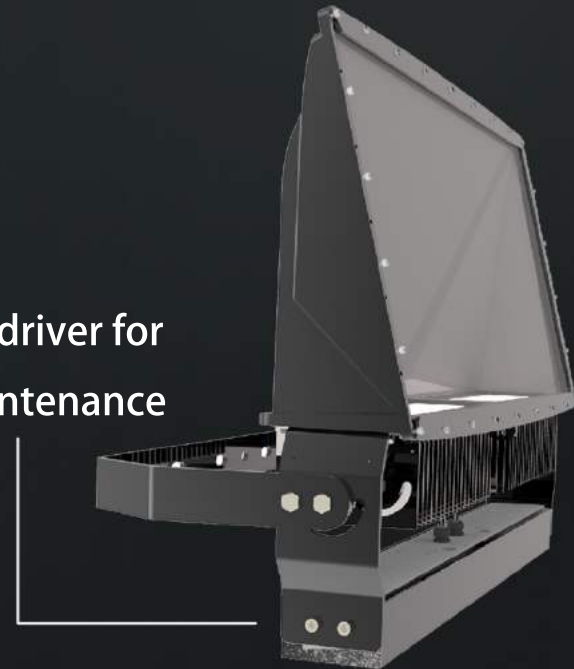
LED High Mast Light

500W 600W 800W



— Safety wire

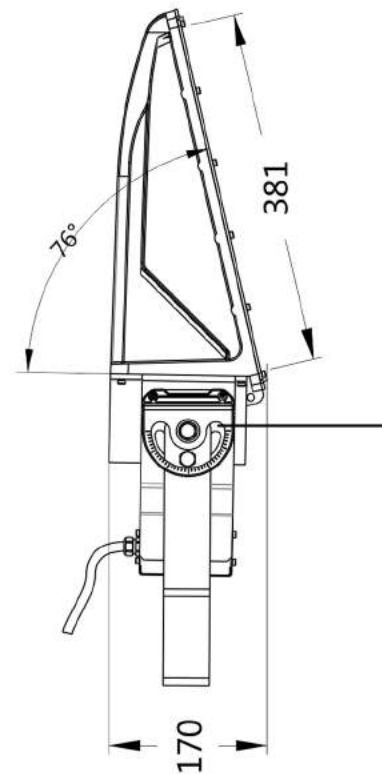
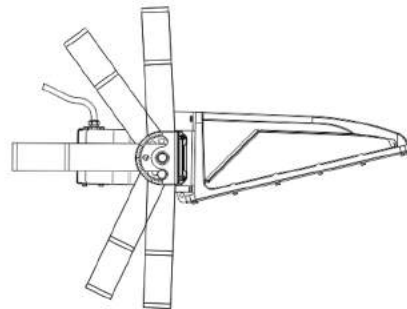
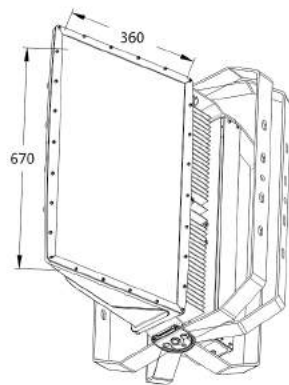
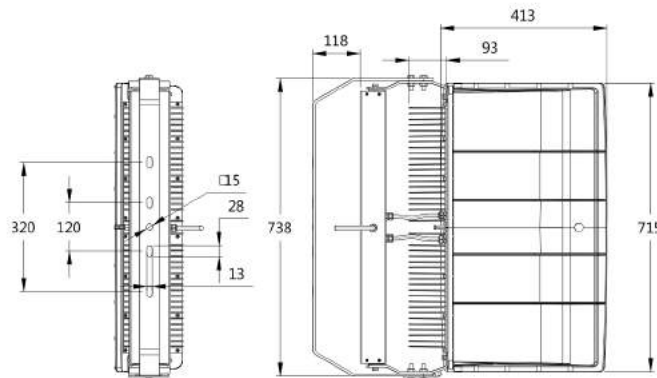
External driver for
easy maintenance



Adjustable bracket from -90° to $+90^{\circ}$

LED High Mast Light

500W 600W 800W



Once desired light projection angle is known, loosen two bolts at each side, adjust angle and tighten.

Installation instructions

STOP! BEFORE YOU BEGIN
Read these instructions carefully

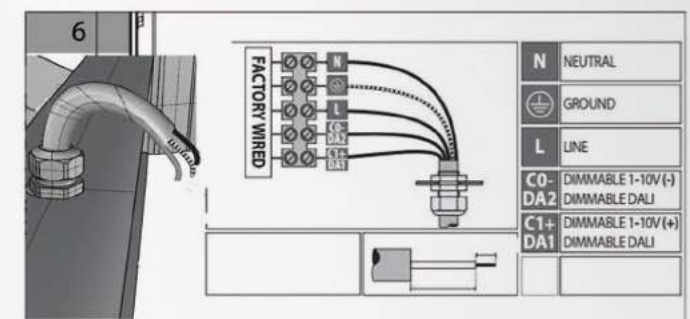
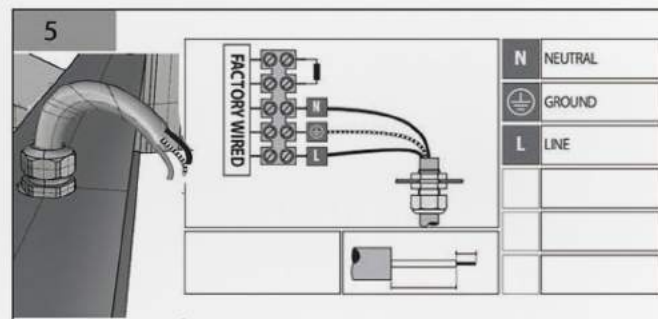
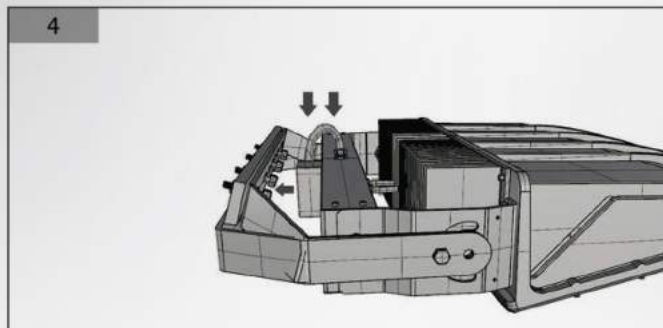
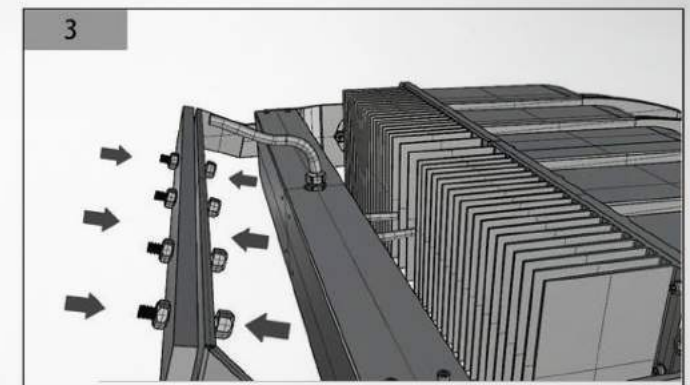
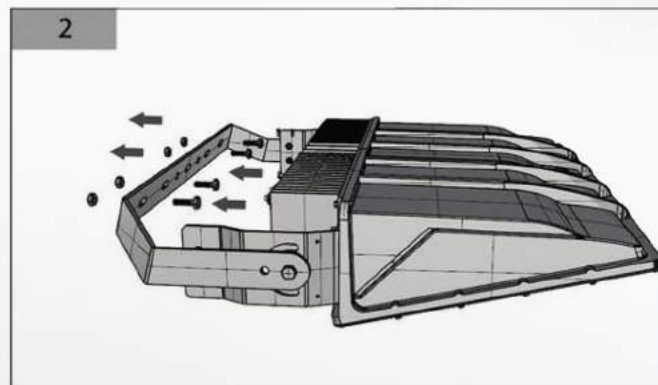
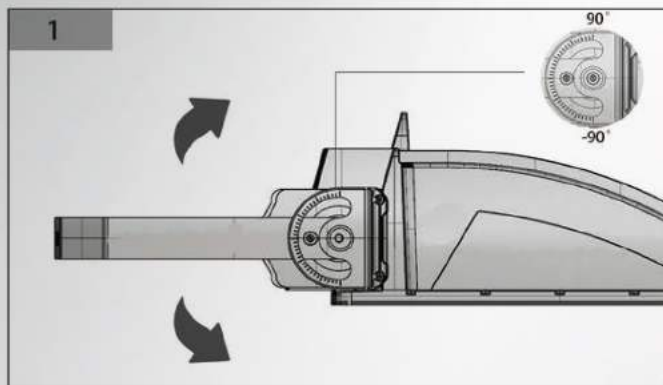
WARNING

RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Ensure you ground the electrical enclosure.

RISK OF FIRE

- Follow all NEC and local codes.
- Use only UL or IEC approved wire for input / output connections. Minimum size 18 AWG.



Optional Accessories

1.louvre asymmetrical



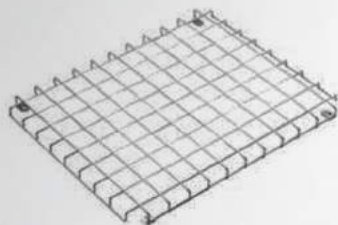
2.cover asymmetrical



4.wire connector



3.protective grid



5.connection box IP66

