

BLADE2

LED Industrial Floodlight



Product Features

- Die-cast aluminium body with high salt-spray resistance and marine-grade options for coastal sites
- Thermally efficient housing with integrated heat sinks maintains stable performance and extends LED lifespan
- High-efficiency 3030 LED chips deliver superior lumen output and energy performance
- Symmetrical and asymmetric lens options deliver directional light control and reduced glare
- Adjustable 160° bracket with 5° locking intervals allows accurate positioning and versatile installation
- Robust sealed design protects the luminaire against water and dust ingress for consistent long-term performance
- Optional NEMA Dusk-to-Dawn sensor available for automatic light control
- Compatible with 1-10V or DALI dimming
- 400W & 600W variants available upon request



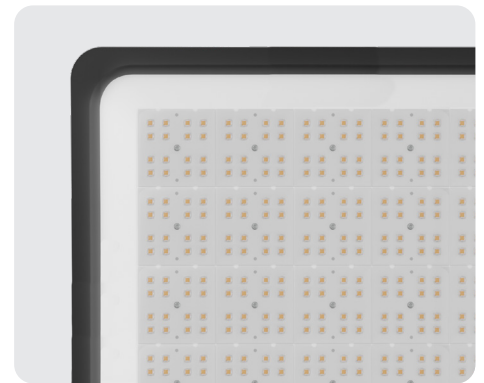
Serviceable Driver for 20 Years

Designed for high-demand environments with a serviceable driver system to support long-term maintenance and uptime.



Robust Sealed Housing

Die-cast aluminium body with sealed construction and tempered glass resists water ingress, dust and salt exposure for long-term reliability.



Directional Lens Options

Symmetrical and asymmetrical lenses provide controlled, uniform light with reduced glare for versatility.

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| | | | | | | | | |
|---------------------|------------------------|------------------------|------------------------|------------------------|----------|----------|------------------|-------------------------------|
| 5000K CCT | 100W Wattage | 150W Wattage | 200W Wattage | 300W Wattage | IP65 | IK08 | Flicker free | 7 Years Warranty |
|---------------------|------------------------|------------------------|------------------------|------------------------|----------|----------|------------------|-------------------------------|



Lockable Angled Bracket

Adjustable 160° bracket with 5° locking intervals ensures precise aiming and stable orientation under high wind or high vibration conditions.



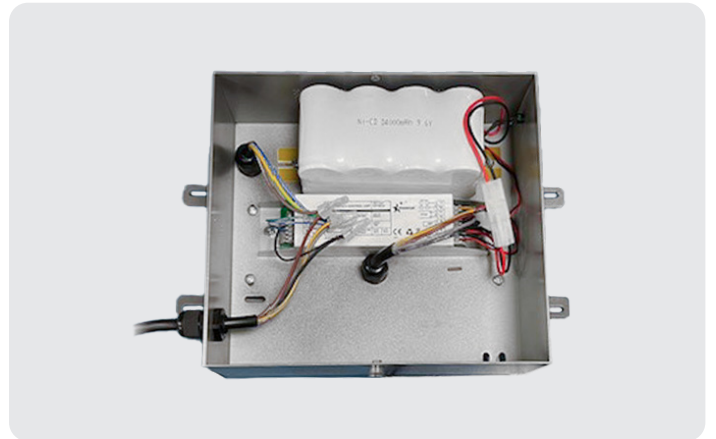
Dusk-to-Dawn Sensor Upgrade

NEMA Dusk-to-Dawn sensor provides automatic light control based on ambient conditions, improving energy efficiency and reducing maintenance.



Thermally Efficient Housing

High quality powder-coated housing with integrated heat sinks ensures stable performance and long-term case integrity.



Configurable Options

Can be specified with a remote emergency pack, corridor function, 3000K array or marine-grade configurations to meet project requirements.

Applications





Ideal for car parks, ports, dockyards, factories, high windage areas, heavy-duty industrial and coastal environments.



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| Specification |  |  |  |  |
|-----------------------|---|---|--|---|
| Input Voltage | 100-277VAC | 100-277VAC | 100-277VAC | 100-277VAC |
| Frequency | 50/60Hz | 50/60Hz | 50/60Hz | 50/60Hz |
| Wattage | 100W | 150W | 200W | 300W |
| Power Factor | >0.95 | >0.95 | >0.95 | >0.95 |
| CCT | 5000K | 5000K | 5000K | 5000K |
| CRI (Ra) | >70 | >70 | >70 | >70 |
| Lumen Output | 14000lm | 21000lm | 28000lm | 42000lm |
| Efficacy | 140lm/W | 140lm/W | 140lm/W | 140lm/W |
| Beam Angle | 120° | 120° | 120° | 120° |
| Operating Temperature | -20°C ~ +40°C | -20°C ~ +40°C | -20°C ~ +40°C | -20°C ~ +40°C |
| IP Rating | IP65 | IP65 | IP65 | IP65 |
| IK Rating | IK08 | IK08 | IK08 | IK08 |
| Fitting Colour | Black | Black | Black | Black |
| Housing | Die cast aluminium | Die cast aluminium | Die cast aluminium | Die cast aluminium |
| Weight | 4kg | 6.5kg | 7.3kg | 11.5kg |
| Dimensions | 320 x 230 x 58mm | 370 x 280 x 58mm | 420 x 280 x 58mm | 470 x 332 x 66mm |

Part Codes

| | |
|----------------------------|--|
| BLADE2-100-REV-A | 100W LED Floodlight |
| BLADE2-150-REV-A | 150W LED Floodlight |
| BLADE2-200-REV-A | 200W LED Floodlight |
| BLADE2-300-REV-A | 300W LED Floodlight |
| BLADE2-400-REV-A | 400W LED Floodlight |
| BLADE2-600-REV-A | 600W LED Floodlight |
| BLADE2-100-DD-REV-A | 100W LED Floodlight with Dusk-to-Dawn Sensor |
| BLADE2-150-DD-REV-A | 150W LED Floodlight with Dusk-to-Dawn Sensor |
| BLADE2-200-DD-REV-A | 200W LED Floodlight with Dusk-to-Dawn Sensor |
| BLADE2-300-DD-REV-A | 300W LED Floodlight with Dusk-to-Dawn Sensor |
| BLADE2-400-DD-REV-A | 400W LED Floodlight with Dusk-to-Dawn Sensor |
| BLADE2-600-DD-REV-A | 600W LED Floodlight with Dusk-to-Dawn Sensor |
| BLADE2-100-REV-A-EM | 100W LED Floodlight with Emergency |
| BLADE2-150-REV-A-EM | 150W LED Floodlight with Emergency |
| BLADE2-200-REV-A-EM | 200W LED Floodlight with Emergency |
| BLADE2-300-REV-A-EM | 300W LED Floodlight with Emergency |
| BLADE2-400-REV-A-EM | 400W LED Floodlight with Emergency |
| BLADE2-600-REV-A-EM | 600W LED Floodlight with Emergency |



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Accessories

Pole Side Installation Bracket



Pole Top Installation Bracket



90° Corner Mounting Bracket

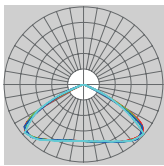


Accessories Part Codes

| | |
|-----------------------|--------------------------------|
| BLADE2-BKT-PS | Pole Side Installation Bracket |
| BLADE2-BKT-PT | Pole Top Installation Bracket |
| BLADE2-BKT-COR | 90° Corner Mounting Bracket |

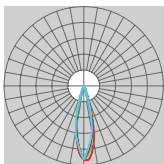
NOTE: Each accessory is suitable for 100-300W variations.

Standard lens

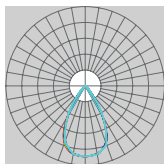


120°

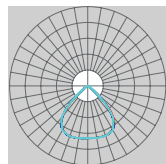
Optional lenses



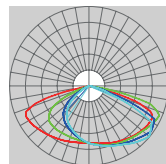
30°



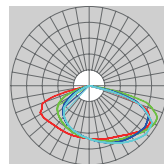
60°



90°



T2 90°x150°



T3 100°x150°

*T2, T3 refers to asymmetric lensing

