

# LED A MAXI SA10

## 200W/300W/400W

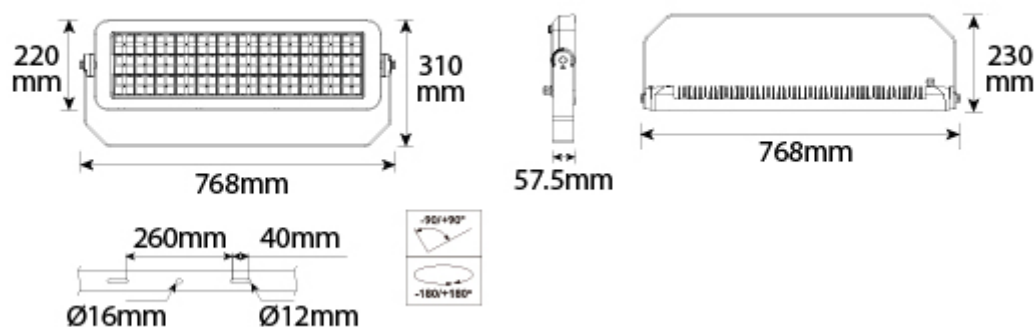
### Features

- Maximum 400W LED spotlight
- Perfectly replace traditional 400W metal halide lamp
- Composed of 1 modules designed exclusively for sports, public areas, ports, and airport aprons lighting
- Tilt-adjustable, die-cast aluminium housing, easy to replace and reduce maintenance cost
- External gear box with build-in high-power and non-flickering driver
- 11 types advanced optical solutions are available
- Precise light beam supports HDTV recording, flicker-free recording and slow motion recording in compliance with professional sports broadcasting standards
- DALI / 0-10V / PWM / NBIOT dimming
- Wattage and lumen can be adjusted by lower driver output current



### Diagrams

#### Dimensions:

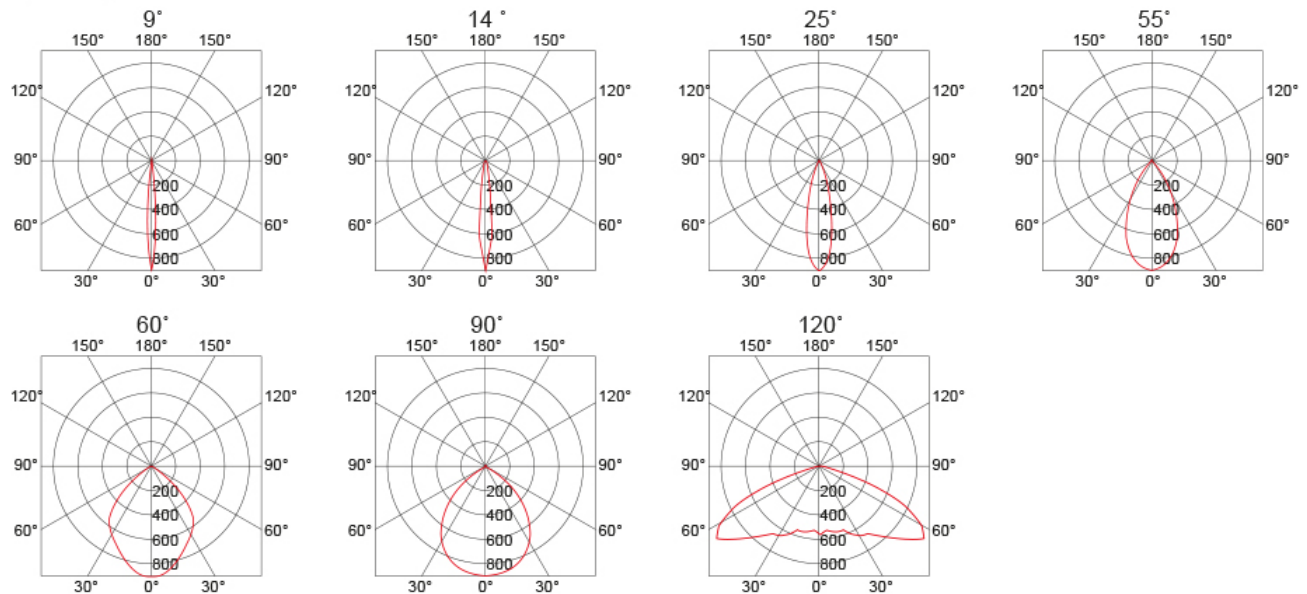


Prosperity Lamps & Components Ltd.

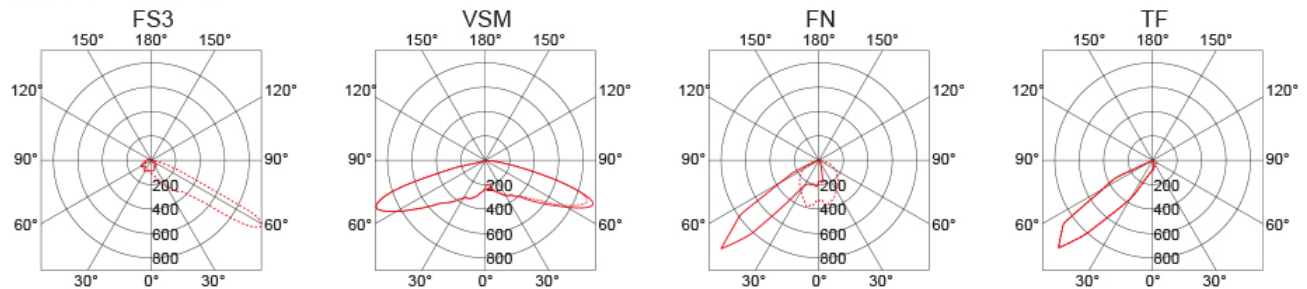
Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: [www.prosperitylamps.com](http://www.prosperitylamps.com) Email: [info@prosperitylamps.com](mailto:info@prosperitylamps.com)

## Optics:

## Optics - Symmetric



## Optics - Asymmetric



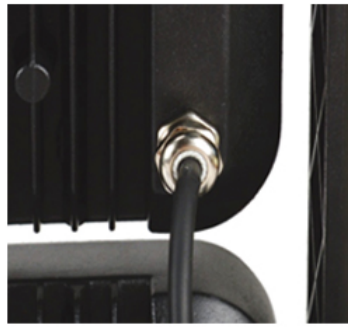
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## Accessories:



Adjustable bracket



M16 waterproof lock



Tilt-adjustable module



Safety steel wire rope



External gear box



Die-cast aluminium bracket

## Standards



IP65

IK08



## Applications



Arena



Airport

| Technical Data                            |                                             |
|-------------------------------------------|---------------------------------------------|
| Electrical                                |                                             |
| Rated Wattage [W]                         | 200W / 300W / 400W                          |
| Rated Voltage [V/Hz]                      | 90-305 / 170-305Vac, 50/60Hz                |
| Power Factor @230V                        | 0.9                                         |
| Input Current [A] @230V                   | 0.97 / 1.45 / 1.93                          |
| LED                                       | SMD                                         |
| Model                                     |                                             |
| LED A MAXI SA10                           | 200W / 300W / 400W                          |
| Luminous Flux (lm)                        |                                             |
| 200W                                      | 25000lm @4000K                              |
|                                           | 26000lm @5700K                              |
| 300W                                      | 36000lm @4000K                              |
|                                           | 37500lm @5700K                              |
| 400W                                      | 46000lm @4000K                              |
|                                           | 48000lm @5700K                              |
| Performance                               |                                             |
| SDCM                                      | <6                                          |
| Efficacy [lm/W]                           | 110-130                                     |
| Color Rendering Index [Ra]                | ≥70 / 80 / 90                               |
| Beam Angle [°]                            | Depend on lens                              |
| Rated Life, Ta@25°C [hrs]                 | 50,000 (L80/B10)                            |
| Lamp Survival Factor at 6000hrs           | >0.9                                        |
| Lumen Maintenance at 6000hrs              | >0.8                                        |
| Number of Switching Cycles Before Failure | >25,000                                     |
| Starting Time [S]                         | <0.5                                        |
| Warm Up Time [S]                          | <2                                          |
| Premature Failure At 1000hrs              | <5%                                         |
| Mechanical                                |                                             |
| Length L [mm]                             | 768                                         |
| Width W [mm]                              | 230                                         |
| Height H [mm]                             | 310                                         |
| Material                                  | Housing : ADC12 die-cast aluminium          |
|                                           | Diffuser : High transparency tempered glass |
|                                           | Gasket : Heat-resistant silicone            |

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Bracket : ADC12 die-cast aluminium

|                            |                                            |
|----------------------------|--------------------------------------------|
| Standard Compliance        |                                            |
| CE-LVD                     | EN60598-1, EN60598-2-5                     |
| CE-EMC                     | EN55015, EN61547, EN61000-3-2, EN61000-3-3 |
| Mercury Content [mg]       | 0.0                                        |
| Electrical Class           | I                                          |
| Other                      |                                            |
| Dimmable [Y/N]             | Y                                          |
| Operation Temperature [°C] | -30°C ~ 45°C                               |
| Storage Temperature [°C]   | -40°C ~ 60°C                               |