

LED A MAXI SA20

500W/600W/700W/800W

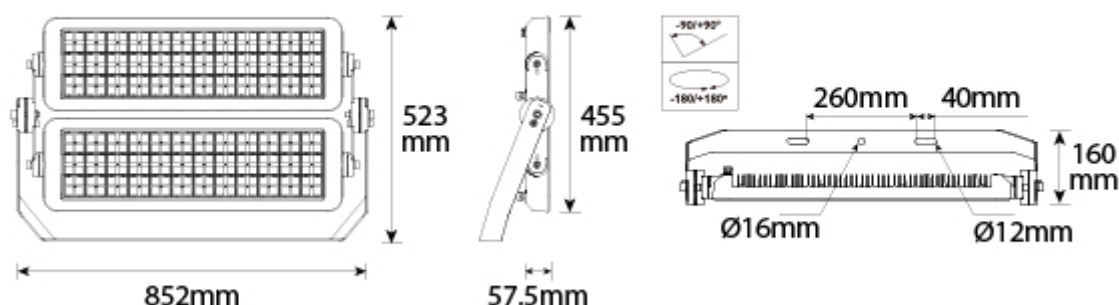
Features

- Maximum 800W LED spotlight
- Perfectly replace traditional 1000W metal halide lamp
- Composed of 2 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:

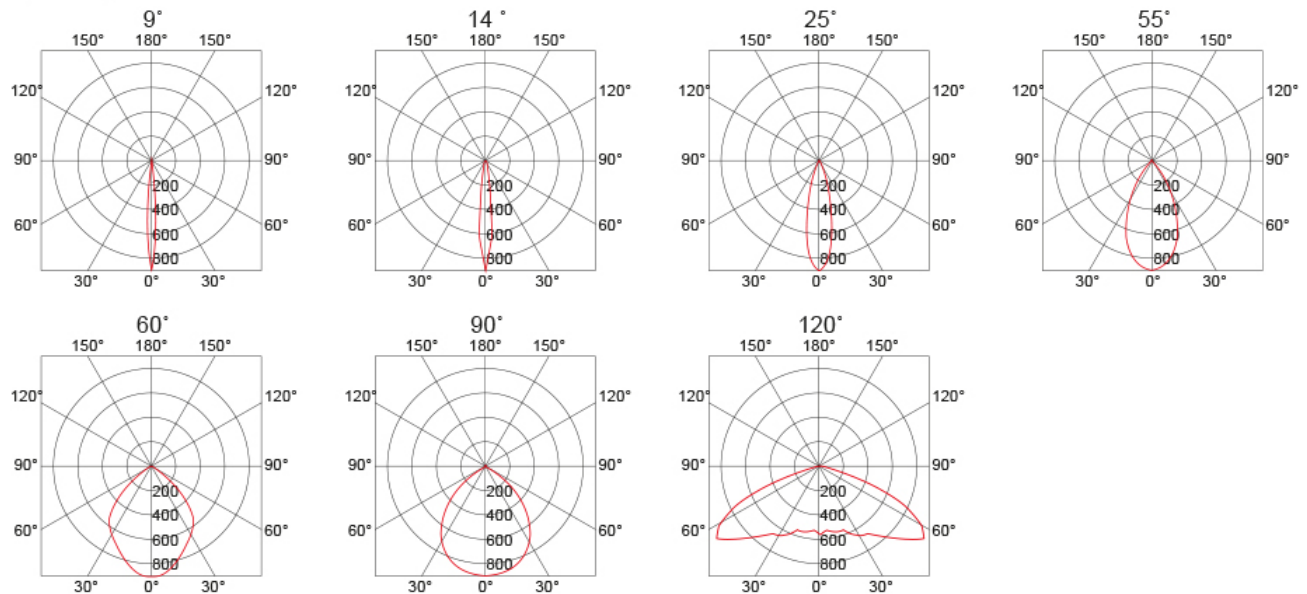


Prosperity Lamps & Components Ltd.

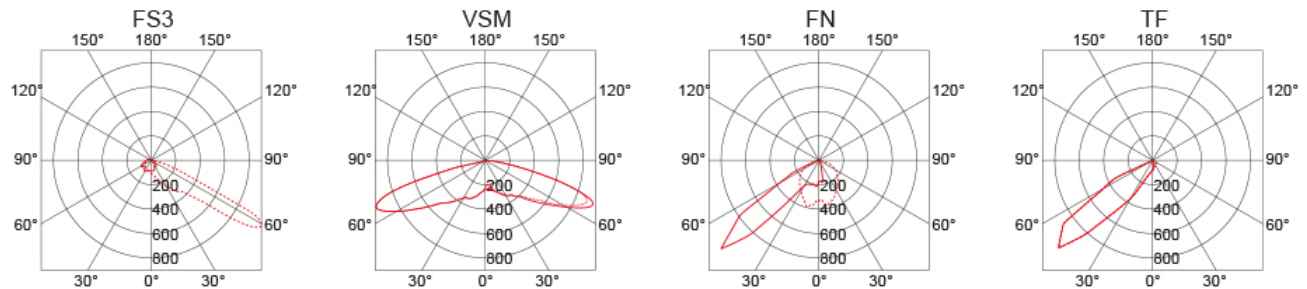
Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

Optics:

Optics - Symmetric



Optics - Asymmetric



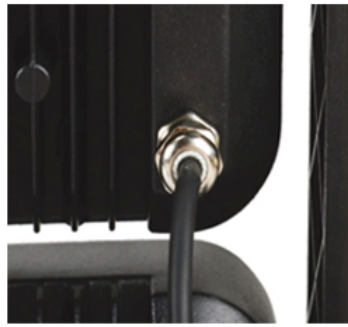
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Accessories:



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]	500W / 600W / 700W / 800W
Rated Voltage [V/Hz]	90-305 / 170-305Vac, 50/60Hz
Power Factor @230V	0.9
Input Current [A] @230V	2.42 / 2.90 / 3.38 / 3.86
LED	SMD
Model	
LED A MAXI SA20	500W / 600W / 700W / 800W
Luminous Flux (lm)	
500W	62500lm @4000K
	65000lm @5700K
600W	75000lm @4000K
	78000lm @5700K
700W	84000lm @4000K
	87500lm @5700K
800W	92000lm @4000K
	96000lm @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]	852
Width W [mm]	160
Height H [mm]	523
Material	Housing : ADC12 die-cast aluminium

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	Diffuser : High transparency tempered glass
	Gasket : Heat-resistant silicone
	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