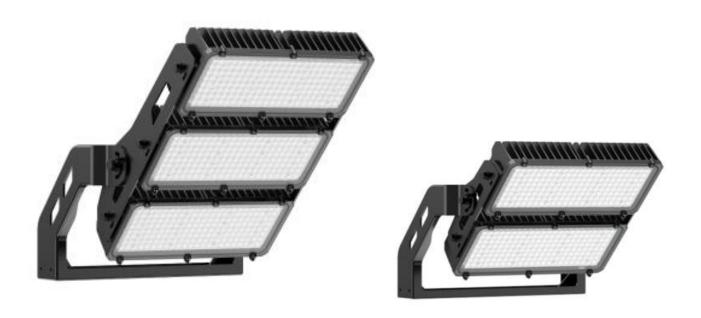


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# Spec Sheet ASTON LED High Bay

MNC10



## Introduction



MNC10 is a high-quality LED Sport Light with high luminous efficacy (150lm/w), flexible solution to cover medium and large stadium lighting projects. With a reliable and robust housing structure (IP66), and its innovative design this maximizes the endurance and contributes to its long lifetime. The modular design support single LED module tilt adjustable, to achieve precise lighting performance. With special materials and surface treatment, MNC10 offer excellent anti-corrosion ability, it is a good choice for swimming pools Different models in wattage (400W, 480W, 600W, 960W, 1200W, 1500W, 1800W), and various lumens package.

#### **Features**

- 1. LED service life: 190,000 hours @L70 & 25°C.
- 2. 5 year warranty
- 3. Optional: Intelligent Lighting Control
- 4. No backlight, no up-light and no spill light
- 5. IP and IK rating: IP66 / IK08
- 6. Excellent anti-corrosion performance.
- 7. Category of corrosion: C4 (ISO 9223)
- 8. High efficacy up to 150 lm/w.
- 9. Modular design.
- 10. Professional and unique optics options could effectively control glare and ensure the good uniformity.
- 11. Remote gearbox solutions.
- 12. Effective thermal management.
- 13. Provided with 20KV surge protection devices.

#### **Applications**

- Square
- Outdoor stadium
- Soccer Field
- Swimming pool
- Airport
- Railway station
- Exhibition center

#### **Certifications**







### **Technical Specifications**

NA - d - l NI -	NANICAO 400	NANICAO 400	NANICAO COO	07.210 000		
Model No.	MNC10 - 400	MNC10 - 480	MNC10 - 600	OXF10 - 800		
Power Consumption	400W	480W	600W	800W		
Luminous Flux (± 5%)	60,000 lm	72,000 lm	90,000 lm	120,000 lm		
Efficacy (5000K, Ra70)	150 lm/w					
ССТ	5,000 K					
CRI	Ra70					
Protection	IP66/IK08					
Input Voltage	120-240V/180-440VAC					
Power Factor	> 0.97					
Surge protection	10kV line-line, 20kV line-earth					
Product dimension (mm)	479x250x185	479x266x185	479x283x185	510x429x232		
<b>Luminaire Net Weight</b>	10.6±0.3kg	11.1 ± 0.3kg	12.5±0.3kg	22.2±0.3kg		
Material	Aluminum Alloy, Polycarbonate Optical Lens and glass cover					
<b>Mounting Option</b>	Bracket Mounting					
Operating Temperature	-30°C to 50°C					
Life Time	> 190,000 Hrs					
Intelligent Control	DALI / DMX					

Model No.	MNC10 - 960	MNC10 – 1K2	MNC10 – 1K5	OXF10 - 1K8		
Power Consumption	960W	1200W	1500W	1800W		
Luminous Flux (± 5%)	134,400 lm	168,000 lm	210,000 lm	252,000 lm		
Efficacy (5000K, Ra70)	150 lm/w					
ССТ	5,000 K					
CRI	Ra70					
Protection	IP66/IK08					
Input Voltage	120-240V/180-440VAC					
Power Factor	> 0.97					
Surge protection	10kV line-line, 20kV line-earth					
Product dimension (mm)	510x527x298	510x560x298	515x777x310	515x833x310		
Luminaire Net Weight	26.4 ±0.3kg	29 ± 0.3kg	35.1 ±0.3kg	38.4 ±0.3kg		
Material	Aluminum Alloy, Polycarbonate Optical Lens and glass cover					
Mounting Option	Bracket Mounting					
Operating Temperature	-30°C to 50°C					
Life Time	> 190,000 Hrs					
Intelligent Control	DALI / DMX					

