

LED PRO MAX

Catalogue 2026



Applications:



Rugby



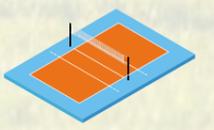
Football



Track and field



Basketball



Tennis Court



Baseball



Cricket



Curling



Swimming pool

and more...



1-to-1 retrofit R5

Replace traditional 1KW/2KW metal halid lamp by 1-to-1, up to 210,000 lumen output with compact size and light weight

Features

- AL1070 Cold forging

The thermal conductivity of AL1070 is more than twice that of ADC12 die-casting, 237W/(m.K) vs 96W/(m.K), at the same power level, the AL1070 boasts a more compact size and lower EPA and weight lighter

- RGBW

Equipped with RGBW leds, R5 is usually used for RGB applications

Solution 1: 600W heat sink and RGB only

Solution 2: 1200W heat sink, equipped with RGBW leds, it can be 600W/1200W RGB or 1200W white independently with DMX512 controlled



Model	RSN-R5		
Wattage	600W/800W	1000W/1200W	1500W/1800W
Lumen efficacy	140-170lm/W @Ra70 5000K		
Ingress protection	IP66 /IK10		
Body material	AL1070 Cold-forging		
Dimension	408*420*306mm	536*539*499mm	595*615*897mm
Gross weight	13.5kg	26.2kg	30.5kg
Lifespan	>100,000 hours L70B50		
LED/Driver	Lumileds+Inventronics		



One-piece M6

Especial design for small size and lower weight loaded pole arms and with remote driver installed in the pole box or in the power distributio cabinet

Features

- **AL1070 Cold forging**
The thermal conductivity of AL1070 is more than twice that of ADC12 die-casting, 237W/(m.K) vs 96W/(m.K), at the same power level, the AL1070 boasts a more compact size and lower EPA and weight lighter
- **Spill light cut-off visor**
Equipped with a spill light cut-off visor to reduce the light pollution, to avoid the spill light won't disturb the residents nearby the sport fields.



Model	RSN-M6		
Wattage	750W	1000W/1200W	1500W
Lumen efficacy	140-170lm/W @Ra70 5000K		
Ingress protection	IP66 /IK10		
Body material	AL1070 Cold-forging		
Dimension	650*320*200mm	750*360*220mm	750*420*250mm
Gross weight	12kg	19kg	26kg
Lifespan	>100,000 hours L70B50		
LED/Driver	Lumileds+Inventronics		



Features

- AL1070 Cold forging

The thermal conductivity of AL1070 is more than twice that of ADC12 die-casting, 237W/(m.K) vs 96W/(m.K), at the same power level, the AL1070 boasts a more compact size and lower EPA and weight lighter

- Easy installation

Compared with traditional ADC12 die-casting, the heat sink supported 2000W power consumption is huge, with big EPA, and difficult for high-altitude installation



One-piece M4

One-piece designed AL1070 heat sink,
600W-750W single module
2000W max supported
Light weight and robust

Model	RSN-M4		
Wattage	600-750W	1200-1500W	1800-2000W
Lumen efficacy	140-170lm/W @Ra70 5000K		
Ingress protection	IP66 /IK10		
Body material	AL1070 Cold-forging		
Dimension	408*420*306mm	536*539*499mm	595*615*897mm
Gross weight	12kg	23kg	29kg
Lifespan	>100,000 hours L70B50		
LED/Driver	Lumileds+Inventronics		



Modular

M8

Max 800W single module with ADC12 die-casting, idea for tennis courts with FT6 asymmetric beam angle and 0° aiming angle tile

Features

- FT6 for tennis courts

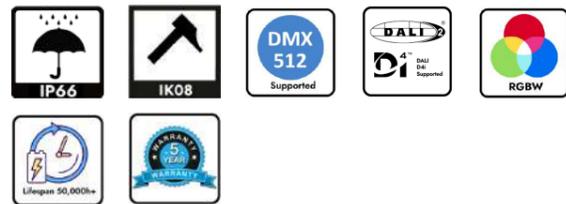
Equipped with 50x50mm lens which has complete beam angles including symmetric and asymmetric, FT6 is a special light distribution pattern for tennis courts, the UO can reach 0.9+ which is ideal for single tennis courts

- Robust long lifespan

Although M8 uses ADC12 die-casting heat sink, considering a single tennis court requires approximately 600W, M8 employs materials that ensure excellent light decay performance, even at 800W, its temperature rise performance remains outstanding



Model	RSN-M8	
Wattage	400W/600W/800W	800W/1200W/1500W
Lumen efficacy	140-170lm/W @Ra70 5000K	
Ingress protection	IP66 /IK08	
Body material	ADC12 Die-casting	
Dimension	506*270*145mm (Small)	614*331*162mm (Large)
Gross weight	7.4kg	11.8kg
Lifespan	>65,000 hours L70B50	
LED/Driver	Lumileds+Inventronics	



Modular M5

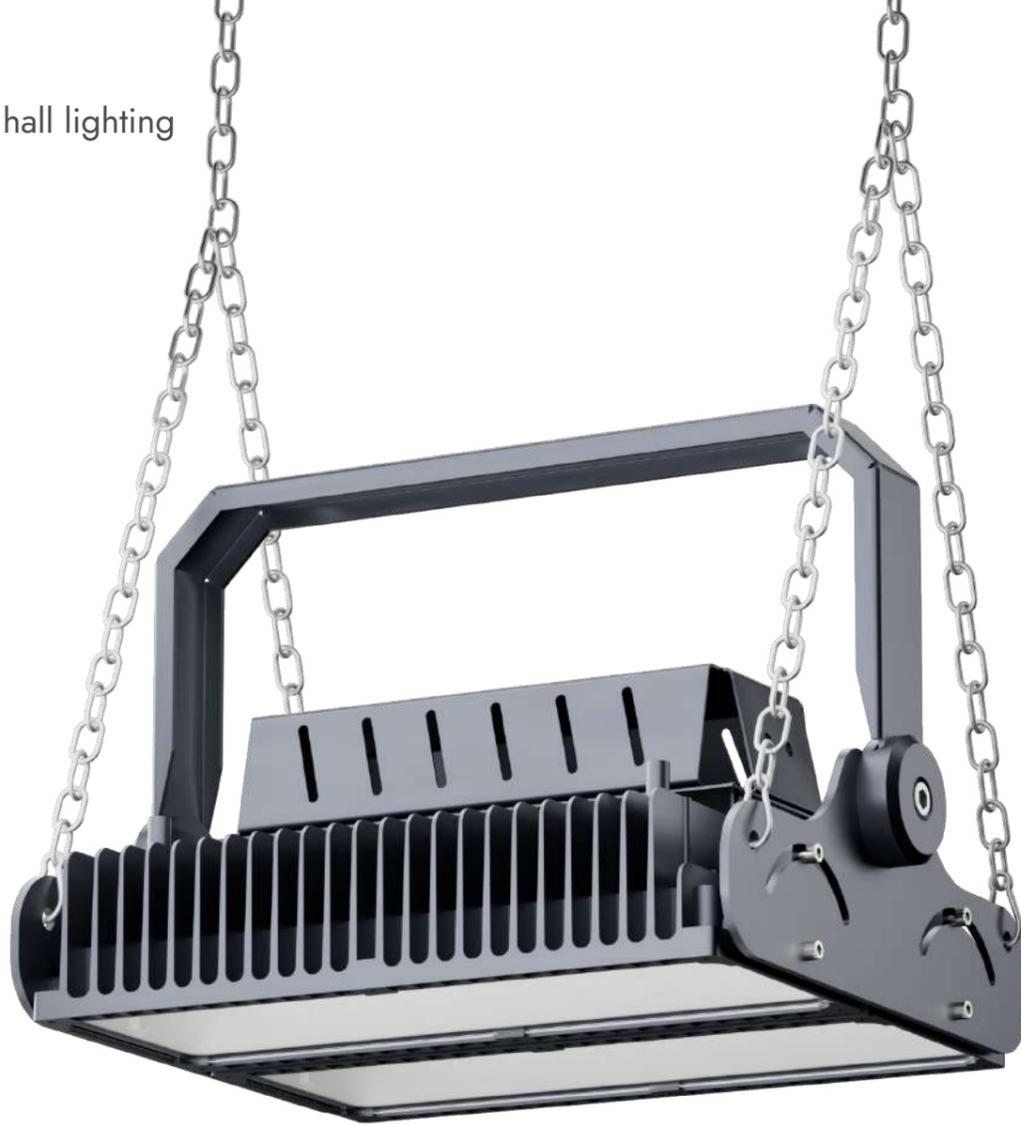
500W Single module suitable for various sports fields complete beam angles with 50x50mm lens

Features

- 50x50mm lens
The 50x50mm lens is a highly successful solution on the market, not only does it offer a wide range of beam angles, but it also can be combined with great flexibility
- Flexible applications
With 2 size of module, 300W small one and 500W large one, together with 50x50mm lens complete beam angles, M5 is not only applied for sports lighting but also various outdoor flood lighting scenes



Model	RSN-M5		
Wattage	500W	1000W	1500W
Lumen efficacy	140-170lm/W @Ra70 5000K		
Ingress protection	IP66 /IK08		
Body material	ADC12 Die-casting		
Dimension	725*274*124mm	748*505*134mm	763*736*134mm
Gross weight	9.5kg	18.5kg	27kg
Lifespan	>50,000 hours L70B50		
LED/Driver	Lumileds+Inventronics		



Features

- 50x50mm lens
The 50x50mm lens is a highly successful solution on the market, not only does it offer a wide range of beam angles, but it also can be combined with great flexibility
- Glare controlled design
The recessed design of the LED module effectively controls glare which is suitable for indoor sports halls and industrial areas also, with linear configuration layout it is excellent solution for padel courts



Modular M3

Glare controlled designed for indoor sport halls
250W single module max
complete light distribution patterns

Model	RSN-M3
Wattage	250W single module max / 200W-500W
Lumen efficacy	140-180lm/W @Ra70 5000K
Ingress protection	IP65 /IK08
Body material	ADC12 Die-casting
Beam angle	30°/45°/60°/90°/T3/T4/Asymmetric
Certificates	CE RoHs CB
Lifespan	>100,000 hours L70B50
Warranty	5years / 7years



Wechat



WhatsApp

Focus on LED sports lighting and outdoor technical lighting

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