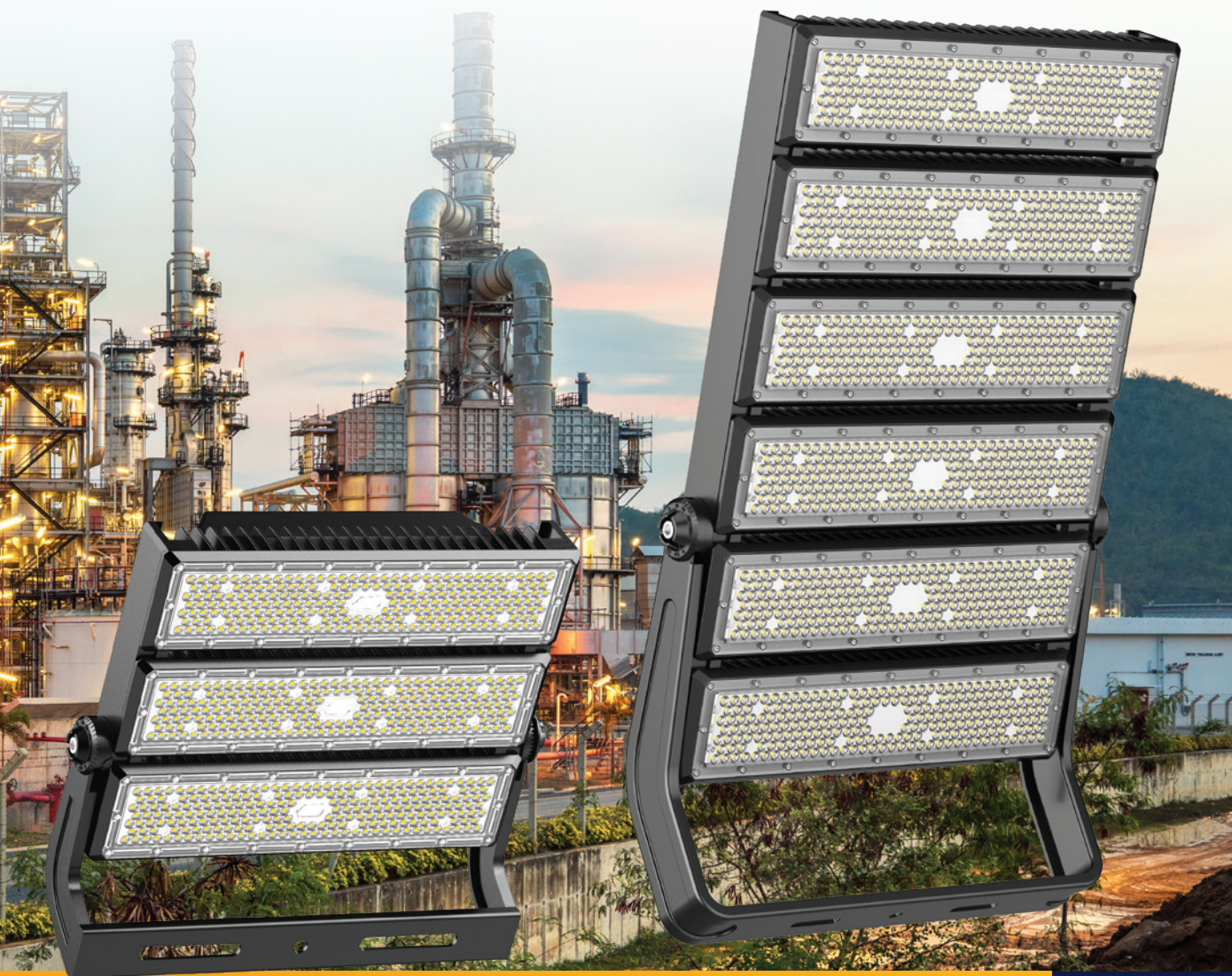




# ALROUF SKYWING VII HIGH MAST FLOOD LIGHT

## What Are The Advantages Of Our Product

SKYWING VIII, the new generation in LED sports & area lighting, create an unbelievable combination of world-class performance, energy saving, cuttingedge optical & thermal management technology and ongoing low maintenance cost in one sleek package solution

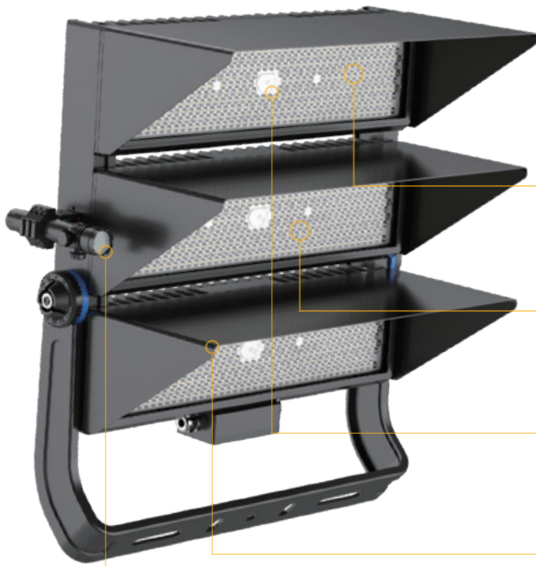


## Modern Stadium

Lighting infrastructure is a strategic resource in modern stadium. LED lighting not just simply means energy saving, environmental protection, reducing installation job, and reducing subsequent maintenance cost. More importantly, it offers new opportunities for the stadium. Different lighting demand can be realized through intelligent control, making the stadium being a multi-functional venue which is capable of holding large scale events, such as concert.



## Product Breakdown Chart



### Polycarbonate Lens

Japan brand TEIJIN PC with multiple optical lighting design, anti-UV and high mechanical strength.

### High brightness LEDs

High luminous efficacy up to 180lm/W, high CRI, Ra>70, >80, >95( TLCI>95, R9>0).

### Tempered Glass

4mm high strength tempered glass, further reduces the UV and anti-rust, typically designed for coastal areas.

### Visor

Effectively control the spill light, upward light and avoid the lighting pollution.

### Aiming Device

Allows for precise aiming and site installation.



RoHS

CB

FC



### Bracket & Arms

Integrated bracket with hem design ensure the mechanical strength, galvanized treatment for anti-rust.

### Driver Cover

Die-casting aluminum driver cover guarantee the corrosion resistance, easy for maintenance and driver protection.

### Top Brand Power Supply

Equipped with top brand LED driver: MW, Inventronics, Sosen, ensure the performance and reliability.

### Racked Angle

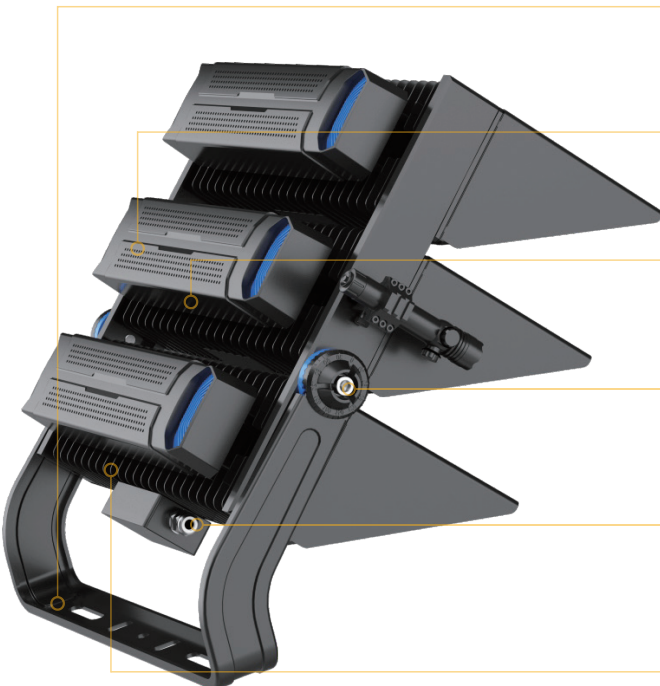
10° steps, allows for 270° installation adjustment.

### Terminal Box

Die-casting aluminum material guarantee the corrosion resistance, waterproof treatment, easy for maintenance and wire joint protection.

### ADC12 Aluminum Die-casting Fixture Housing

Corrosion resistant treatment, anti-rust, excellent thermal management, long lifespan.



**SKYWING VIII\_Plan A\_150lm**

| Model No.          | ISL-QCD-H250W               | ISL-QCD-H500W               | ISL-QCD-H750W               | ISL-QCD-H1000W              | ISL-QCD-H1250W              |
|--------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Light Source       | 440*PCT2835/126*SMD3737     | 880*PCT2835/252*SMD3737     | 1320*PCT2835/378*SMD3737    | 1760*PCT2835/504*SMD3737    | 2200*PCT2835/563*SMD3737    |
| LED Brand          | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              |
| Driver Brand       | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    |
| Rated Power (W)    | 240W                        | 480W                        | 720W                        | 960W                        | 1200W                       |
| Input Voltage (V)  | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          |
| Output Voltage (V) | 48                          | 48                          | 48                          | 48                          | 48                          |
| Power Factor       | >0.95                       | >0.95                       | >0.95                       | >0.95                       | >0.95                       |
| THD                | <10                         | <10                         | <10                         | <10                         | <10                         |
| Luminous Flux (lm) | 36,000 ±5%                  | 72,000 ±5%                  | 108,000 ±5%                 | 144,000 ±5%                 | 180,000 ±5%                 |
| CCT (K)            | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         |
| CRI (Ra)           | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 |
| Beam Angle         | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° |
| IP Class           | IP66                        | IP66                        | IP66                        | IP66                        | IP66                        |
| IK Class           | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   |
| Outer Carton (mm)  | 630*330*230                 | 630*520*230                 | 630*680*230                 | 630*840*230                 | 630*1000*230                |
| Net Weight (kgs)   | 7                           | 14                          | 20                          | 26                          | 32                          |
| Gross Weight (kgs) | 7.5                         | 15                          | 22                          | 28                          | 35                          |

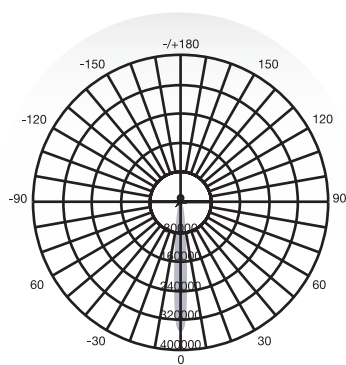
**SKYWING VIII\_Plan A\_170lm**

| Model No.          | ISL-QCD-H250W               | ISL-QCD-H500W               | ISL-QCD-H750W               | ISL-QCD-H1000W              | ISL-QCD-H1250W              |
|--------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Light Source       | 440*SMD3030/126*SMD3737     | 880*SMD3030/252*SMD3737     | 1320*SMD3030/378*SMD3737    | 1760*SMD3030/504*SMD3737    | 2200*SMD3030/630*SMD3737    |
| LED Brand          | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              |
| Driver Brand       | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    |
| Rated Power (W)    | 240W                        | 480W                        | 720W                        | 960W                        | 1200W                       |
| Input Voltage (V)  | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          |
| Output Voltage (V) | 48                          | 48                          | 48                          | 48                          | 48                          |
| Power Factor       | >0.95                       | >0.95                       | >0.95                       | >0.95                       | >0.95                       |
| THD                | <10                         | <10                         | <10                         | <10                         | <10                         |
| Luminous Flux (lm) | 40,800 ±5%                  | 81,600 ±5%                  | 122,400 ±5%                 | 163,200 ±5%                 | 204,000 ±5%                 |
| CCT (K)            | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         |
| CRI (Ra)           | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 |
| Beam Angle         | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° |
| IP Class           | IP66                        | IP66                        | IP66                        | IP66                        | IP66                        |
| IK Class           | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   |
| Outer Carton (mm)  | 630*330*230                 | 630*520*230                 | 630*680*230                 | 630*840*230                 | 630*1000*230                |
| Net Weight (kgs)   | 7                           | 14                          | 20                          | 26                          | 32                          |
| Gross Weight (kgs) | 7.5                         | 15                          | 22                          | 28                          | 35                          |

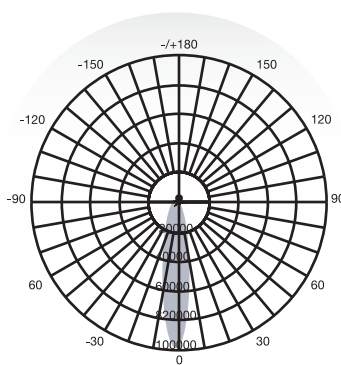
### SKYWING VIII\_Plan B\_150lm

| Model No.          | ISL-QCD-H300W               | ISL-QCD-H600W               | ISL-QCD-H900W               | ISL-QCD-H1200W              | ISL-QCD-H1500W              |
|--------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Light Source       | 440*SMD3030/126*SMD3737     | 880*SMD3030/252*SMD3737     | 1320*SMD3030/378*SMD3737    | 1760*SMD3030/504*SMD3737    | 2200*SMD3030/630*SMD3737    |
| LED Brand          | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              | Lumileds/OSRAM              |
| Driver Brand       | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    | MW/SOSEN                    |
| Rated Power (W)    | 300W                        | 600W                        | 900W                        | 1200W                       | 1500W                       |
| Input Voltage (V)  | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          | 100-305Vac 50/60Hz          |
| Output Voltage (V) | 48                          | 48                          | 48                          | 48                          | 48                          |
| Power Factor       | >0.95                       | >0.95                       | >0.95                       | >0.95                       | >0.95                       |
| THD                | <10                         | <10                         | <10                         | <10                         | <10                         |
| Luminous Flux (lm) | 45,000 ±5%                  | 90,000 ±5%                  | 135,000 ±5%                 | 180,000 ±5%                 | 225,000 ±5%                 |
| CCT (K)            | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         | 3000/4000/5000/5700         |
| CRI (Ra)           | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 | >70/>80/>90                 |
| Beam Angle         | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° | 10°/25°/45°/60°/90°/65°*25° |
| IP Class           | IP66                        | IP66                        | IP66                        | IP66                        | IP66                        |
| IK Class           | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   | IK08/IK10                   |
| Outer Carton (mm)  | 630*330*230                 | 630*520*230                 | 630*680*230                 | 630*840*230                 | 630*1000*230                |
| Net Weight (kgs)   | 7                           | 14                          | 20                          | 26                          | 32                          |
| Gross Weight (kgs) | 7.5                         | 15                          | 22                          | 28                          | 35                          |

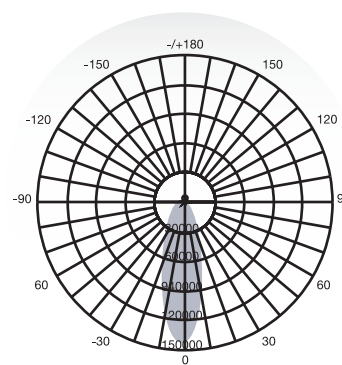
### Photometrics



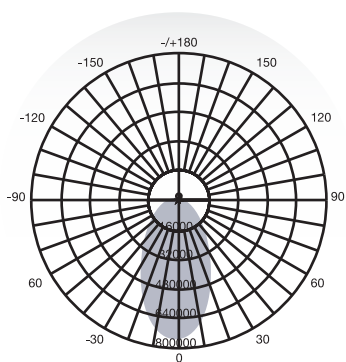
10°



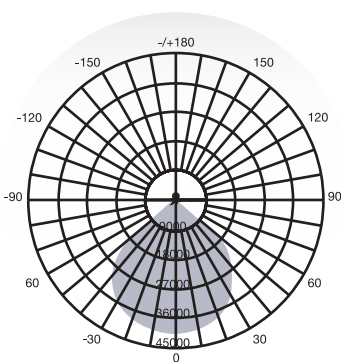
25°



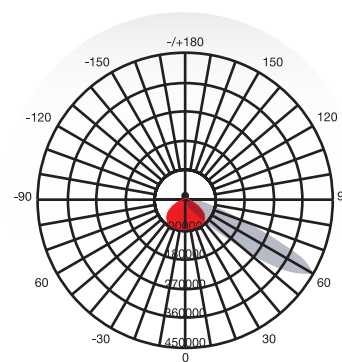
45°



60°



90°



Asymmetrical 65°\*25°

| Model                                                 | Picture | Front View | Side View | Installation Size Diagram |
|-------------------------------------------------------|---------|------------|-----------|---------------------------|
| ISL-QCD-H250W<br>ISL-QCD-H300W<br><br>1 LED Module    |         |            |           |                           |
| ISL-QCD-H400W<br><br>2 LED Modules                    |         |            |           |                           |
| ISL-QCD-H600W<br>ISL-QCD-H900W<br><br>3 LED Modules   |         |            |           |                           |
| ISL-QCD-H1000W<br>ISL-QCD-H1200W<br><br>4 LED Modules |         |            |           |                           |
| ISL-QCD-H1250W<br>ISL-QCD-H1500W<br><br>5 LED Modules |         |            |           |                           |



# LED



**alrouf**  
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