

QC2203 Stadium Light Datasheet



Key Features

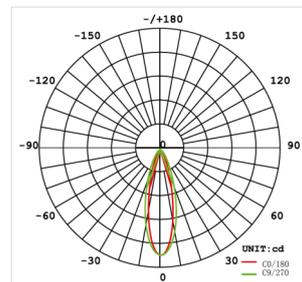
- ⇒ **Efficacy:** Up to 150 lm/w.
- ⇒ **LED Chip:** SMD3737 | SMD3030 | SMD5050.
- ⇒ **SDCM:** <5.
- ⇒ **Beam Angle:** 15° | 30° | 45° | 60° PC lens.
- ⇒ **Optional Laser Locator**
- ⇒ **Control:** DMX512 | DALI.
- ⇒ **IP Rating:** IP65.
- ⇒ **Installation:** Bracket.
- ⇒ **Certifications:** CE, RoHS.
- ⇒ **Warranty:** 5 years.

Application

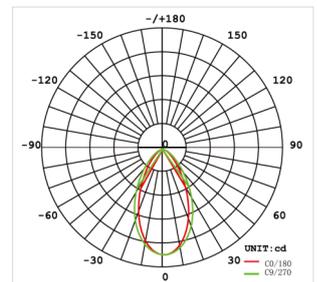
Large stadium, all kinds of large stadium, ships, squares, docks, airports, commercial sites, overpass, outdoor advertising, landmarks and other large panoramic lighting.

Photometry

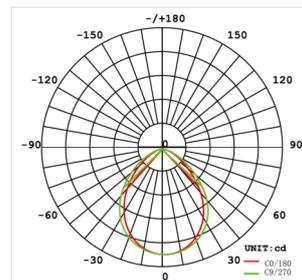
15° PC lens



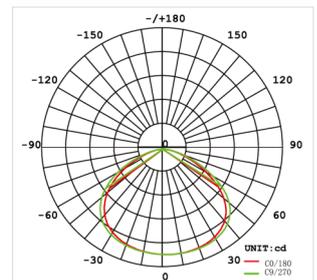
30° PC lens



45° PC lens



60° PC lens



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Product Data

| Model No. | QC2203-500 | QC2203-800 | QC2203-1000 | QC2203-1200 | QC2203-1500 | QC2203-2000 |
|-----------------------|--|------------|-------------|-------------|-------------|-------------|
| Power | 500W | 800W | 1000W | 1200W | 1500W | 2000W |
| Lumen Output | 75,000 lm | 120,000 lm | 150,000 lm | 180,000 lm | 225,000 lm | 300,000 lm |
| Beam Angle & led type | 15°: SMD3737; 30° 45° 60° : SMD3030 or SMD5050 | | | | | |
| Luminous Efficacy | 150 lm/w | | | | | |
| CCT | 3000K 4000K 5000K 5700K 6500K | | | | | |
| CRI | Ra≥70 (Ra≥80 optional) | | | | | |
| Input Voltage | 100-277 VAC, 50 60 Hz | | | | | |
| Housing Color | Black | | | | | |
| Housing Material | Aluminum, PC | | | | | |
| Operating temperature | -30°C to +50°C | | | | | |
| Operating humidity | 10% to 90% RH | | | | | |
| Lifespan | 100,000 hours | | | | | |
| Warranty | 5 years | | | | | |

ErP Technical Specification (25°C operating temperature)

| Item | Specification/Data |
|--------------------------------------|----------------------|
| Efficiency In | ≥90% |
| Power Factor | PF≥0.90 |
| Energy Efficiency Class | D |
| Standard Deviation of Color Matching | <5 |
| Starting Time | <0.2S |
| Warm-up Time to 60% | <0.5S |
| Lumen Maintenance at e.o.l. | >70% |
| Lifetime | L70/B10@100,000hours |

**Note: 1. The above parameters are all obtained at +25°C and there are errors within the allowable range of relevant standards.
2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!**

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Mounting & Accessories (optional)

| | |
|---|---|
|  | <p>Laser Locator</p> |
| | <p><i>optional installation.</i> <i>It is conducive to the accurate positioning and installation of lamps and lanterns.</i></p> |
|  | <p>UGR Reflector</p> |
| | <p><i>Black Steel</i></p> |

Packaging

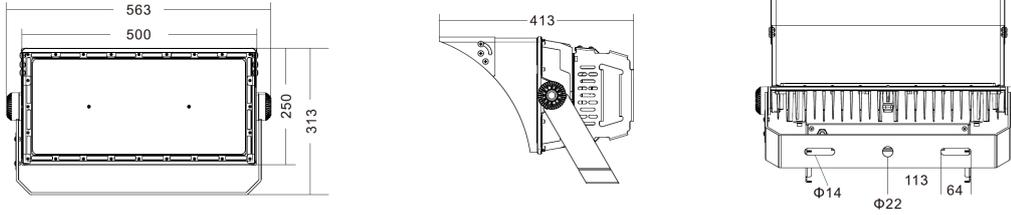
| Model No. | CTNS/CTN | N.W | G.W | Volumetric Weight | Carton Size and Volume | 20GP(28m³) | 40 HC HQ(68m³) |
|-------------|----------|---------|---------|-------------------|----------------------------|------------|----------------|
| QC2203-500 | 1 | 14.0 kg | 14.7 kg | 12.1 kg | L595xW390xH260 ≈ 0.060 m³ | 466pcs | 1,133pcs |
| QC2203-800 | 1 | 34.0 kg | 35.2 kg | 27.0 kg | L720xW720xH260 ≈ 0.135 m³ | 207pcs | 503pcs |
| QC2203-1000 | 1 | 35.0 kg | 36.2 kg | 27.0 kg | L720xW720xH260 ≈ 0.135 m³ | 207pcs | 503pcs |
| QC2203-1200 | 1 | 49.5 kg | 51.5 kg | 40.0 kg | L1060xW720xH260 ≈ 0.198 m³ | 141pcs | 343pcs |
| QC2203-1500 | 1 | 51.0 kg | 53.0 kg | 40.0 kg | L1060xW720xH260 ≈ 0.198 m³ | 141pcs | 343pcs |
| QC2203-2000 | 1 | 70.0 kg | 74.0 kg | 44.4 kg | L1185xW720xH260 ≈ 0.222 m³ | 126pcs | 306pcs |

Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

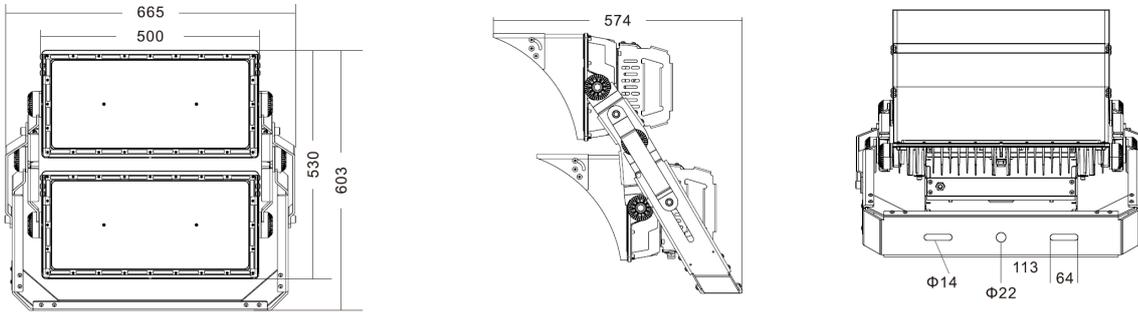
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Dimension (unit: mm)

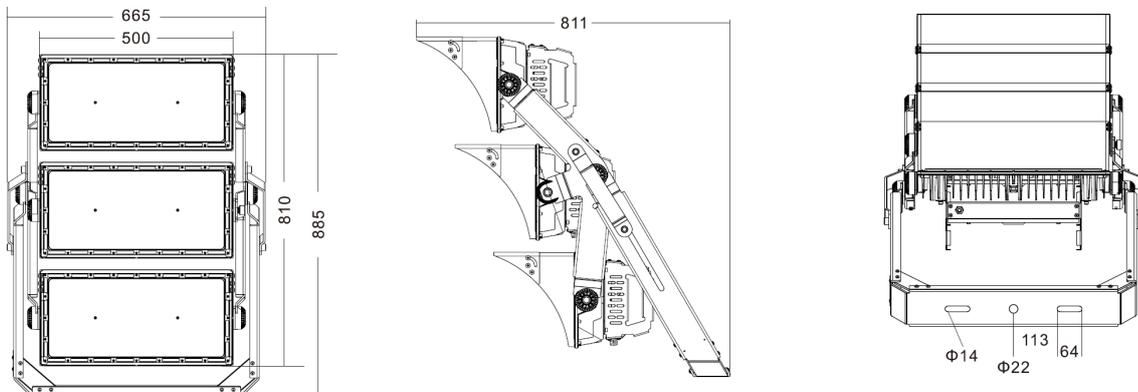
QC2203-500



QC2203-800 | QC2203-1000



QC2203-1200 | QC2203-1500



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Dimension (unit: mm)

QC2203-2000

