

ATLAS R1200

Highly efficient LED floodlight designed specifically for large area and sport lighting.

Remotely mounted single IP67 electronic control gear for ease of installation, driving 216 LEDs with multiple photometric distributions.

Body: recyclable, extruded aluminium and powder-coated stainless steel.

Optic enclosure: PMMA weather-proof lenses and anti reflective tempered glass screen.



Technical data

| Performance | |
|-----------------------------|-----------------|
| Luminaire Output | Up to 144.000lm |
| Power Absorption | 1200 W |
| Lumen Maintenance [L80 B10] | 77.000h |
| Lumen Maintenance [L70 B50] | 122.000h |

| Optoelectronics | |
|--------------------|--|
| CRI | 70 - 80 - 90 |
| Colour Temperature | <ul style="list-style-type: none">• 3000K Warm White• 4000K Neutral White• 5000K Pure White• 5700K Cool White |
| Secondary Optics | Weather proof, Anti-yellowing PMMA refraction matrix |
| Protective Screen | 4mm Tempered Glass |
| No of LEDs | 216 |

Luminaire Body

| | |
|---------------------|--|
| Chassis and Bracket | Stainless Steel |
| Metal Finish | Powder Coating |
| Heatsinks | Anodized Extruded Aluminium (Copper Content <0.1%) |
| Bracket | Yoke Bracket (Central Bolt 3/4") |
| Weight | 66 lb |
| Dimensions (L-W-H) | 24.9L x 15.3W x 9.6H in |
| Protection Level | IP67 - UL1598 Suitable for Wet Locations |
| Impact Resistance | IK09 |
| Windage EPA | 3.02 sq ft |

Driver Unit

| | |
|--------------------|------------------|
| Dimensions (L-W-H) | 15in x 9in x 6in |
|--------------------|------------------|

| | |
|------------------|--|
| Weight | 19lbs |
| Protection Level | IP67 - UL1598 Suitable for Wet Locations |

Electronics

| | |
|--------------------------|--------------------------------|
| Voltage input | 277-480 VAC 50-60Hz |
| Active Power F.C. | 0.97 |
| Surge Protection | 10kV line-earth, 6kV line-line |
| Insulation class | IEC Class I |
| Short Circuit Protection | Auto-recovery |
| Over Heat Protection | Drops output current |

Operation Conditions

| | |
|---------------------|--------------------|
| Working temperature | -40°F up to +130°F |
| Humidity Range | 0% - 94% |

Normative reference

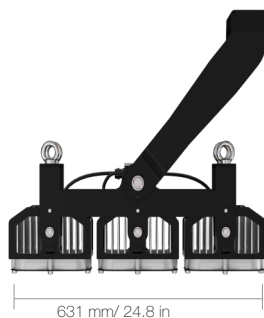
UL1598 / CSA C22.2 No. 250.0-08 – Luminaires
UL8750 – Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products
CFR part 15 class B – EMI
ANSI C136.25-2013 – American National Standard for Roadway and Area Lighting Equipment - Ingress Protection (Resistance to Dust, Solid Objects, and Moisture) for Luminaire Enclosures
IEC 60068-2-52:1996 Environmental Test – Part 2: Tests - Test Kb - Salt mist cyclic (sodium chloride solutions)
ANSI/IEEE C62.41.2 – 2002 IEEE Recommended Practice on characterization of Surge Voltages in Low Voltage AC Power Circuits
CSA C22.2 No. 250.13-17 - LED Equipment for Use in Lighting Applications



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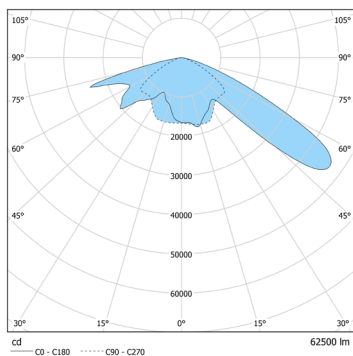
Dimensions



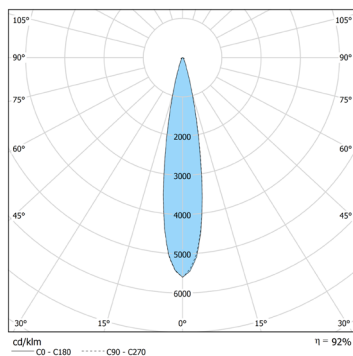
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Photometrics

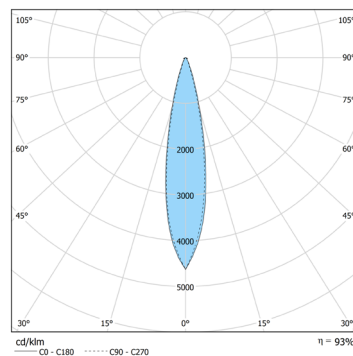
FH



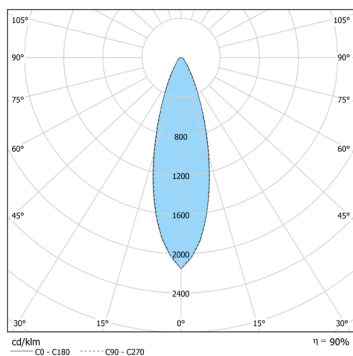
S1 (Nema 2)



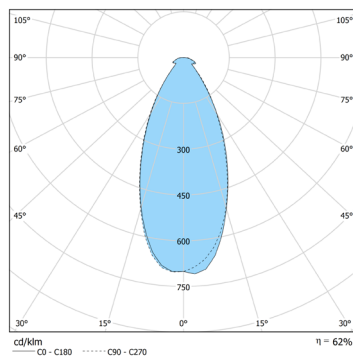
S2 (Nema 3)



S3 (Nema 4)



S4 (Nema 5)



Ordering codes

| Product Family | Power | Optic | CCT | CRI | Voltage Input | Control System | Visor |
|----------------|-------|--------------|-----------|-----|------------------|-----------------------|--------------------------|
| AR (Atlas R) | 12 | FH (Type IV) | A (5000k) | 70 | US (200-480 VAC) | 10 (0-10v) | Sx (Visor for S Optics) |
| | | S1 (NEMA 1) | B (4000k) | 80 | | DA (DALI) | Fx (Visor for F Optics) |
| | | S2 (NEMA 2) | C (3000K) | 90 | | DX (DMX) | 00 (No Visor) |
| | | S3 (NEMA 3) | D (5700k) | | | CW (Synapse Wireless) | |
| | | S4 | | | | | |
| | | S5 | | | | | |

Example: AR12S1A70US1000



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