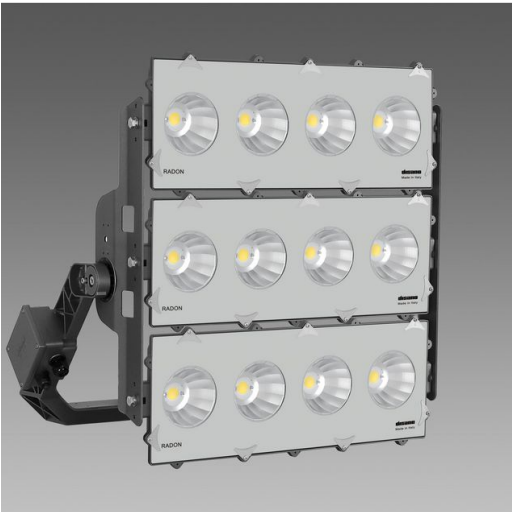
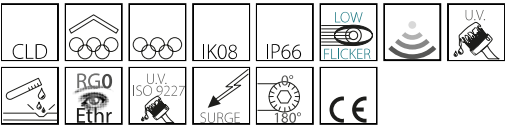


2169 - Radon HP - symmetric 3 MODULES

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GENERAL INFORMATION



Radon in the floodlight version is very important in large surfaces, such as large public infrastructure or sports facilities. These fixtures must guarantee such features as robustness and reliability to ensure good lighting and long service life. These features, together with LED sources, are the main characteristics to create a lighting design that can guarantee good lighting and durability.

In the LED version, which can also be used for the relamping of old lighting installations, these floodlights offer outstanding performance in terms of energy savings, light quality and service life.

The fixtures of Disano's Radon LED series, made of aluminium with tempered glass, have all these qualities, starting with their extraordinary robustness, guaranteed by the superior quality of the materials and the anti-corrosion surface treatment.

Radon LED is available in asymmetric and symmetric versions. In addition to low flicker, Radon provides very important specifications for the safety and visual comfort of workers or athletes.

Radon LED is also a great investment for its long lifetime. These floodlights are ideal for installation in large areas or medium to large sports facilities. They allow high energy savings thanks to high luminous efficacy values.



| | |
|---------|---------------------------------------|
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DIMENSIONS AND WEIGHT

| | |
|-------------|----------|
| Length (mm) | 714 mm |
| Width (mm) | 759 mm |
| Height (mm) | 442 mm |
| Weight (Kg) | 27.19 kg |

INSTALLATION

| | |
|------------------------------|----------------------------|
| Surface exposed to wind (mm) | L 125000 mm², F 466000 mm² |
|------------------------------|----------------------------|

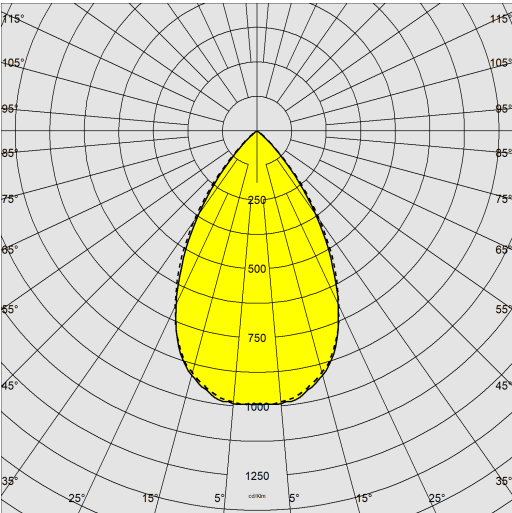
ELECTRICAL CHARACTERISTICS AND CONTROLS

| | |
|-------------------------------------|------------|
| Voltage type | AC |
| Min Voltage (V) | 220 V |
| Max Voltage (V) | 240 V |
| Min Frequency (Hz) | 50 Hz |
| Max Frequency (Hz) | 60 Hz |
| Frequency (Hz) | 50 Hz |
| Wiring name | CLD |
| Power factor | ≥0.95 |
| Surge protector (common) (EN 61547) | 4 kV, 6 kV |
| Insulation class | Class I |
| Controllability | None |

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PHOTOMETRIC DATA



| | |
|------------------------------|--|
| Distribution type | Symmetric wide beam |
| Lighting source | LED COB |
| CRI | ≥70 |
| Luminous flux (output) (lm) | 141026 lm |
| Power absorption (total) (W) | 885 W |
| CCT | 4000 K |
| Luminous efficacy (lm/W) | 159 lm/W |
| Low Flicker | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| Beam angle | 60 ° |
| LED flux maintenance | 50000 hr, L 80, B 20 |

MECHANICAL CHARACTERISTICS

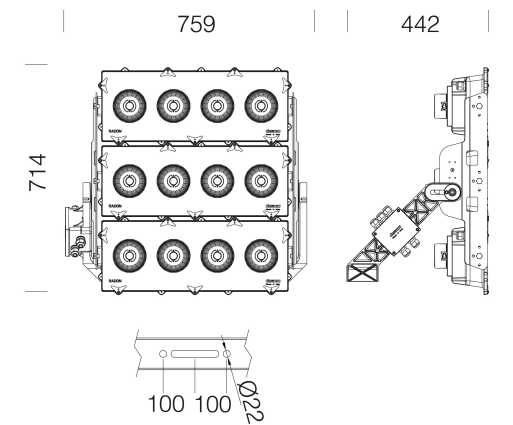
| | |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK08 |
| IP | 66 |
| Ambient temperature - min | -40 °C |
| Ambient temperature - max | 45 °C |



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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions 2168-2169 03-23.pdf

DESIGNS

TechnicalDrawing 2169e.dxf



| | |
|--------------------------------|--|
| Housing | aluminium. |
| Optics | in high-performance and anti-glare matt aluminium. |
| Diffuser | tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001). |
| Heat sink | the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life. |
| Coating | pre-treatment of metal surface, polyester powder coating to ensure resistance to corrosion and salt spray fogs, UV stabilised. |
| Special coating (UPON REQUEST) | upon request: available with coating tested to withstand corrosion tests in aggressive artificial atmospheres (UNI EN ISO 9227) or marine environments (sea front). |
| Colour | Anthracite |
| Equipment | <ul style="list-style-type: none">- with galvanised and painted bracket- EN 61547 compliant surge protection.- anti-condensation valve- goniometric scale- silicone rubber gasket- external screws and bolts in stainless steel |

STANDARDS AND COMPLIANCE

| | |
|------------------------------|--|
| Photobiological safety class | RG0 Ethr |
| Markings and tests | CE |
| Reference standards | EN60598-1. With degree of protection according to EN60529. |
| Energy Label | D |

WARRANTY

| | |
|----------------------|------|
| After sales warranty | 5 yr |
|----------------------|------|