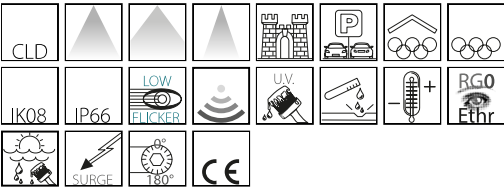


2152 - Radon HE - symmetric 1 MODULE

Code: 413323-39

GENERAL INFORMATION



|         |                                      |
|---------|--------------------------------------|
| Article | 2152 - Radon HE - symmetric 1 MODULE |
| Code    | 413323-39                            |

DIMENSIONS AND WEIGHT

|             |        |
|-------------|--------|
| Length (mm) | 285 mm |
| Width (mm)  | 832 mm |
| Height (mm) | 176 mm |
| Weight (Kg) | 16 kg  |

INSTALLATION

|                              |                            |
|------------------------------|----------------------------|
| Surface exposed to wind (mm) | L 120400 mm², F 175300 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  |
| Wiring                              | power supply 220-240V 50/60Hz; with external IP66 driver on board the fixture. |
| Power factor                        | ≥0.95  |
| Surge protector (common) (EN 61547) | 4 kV, 6 kV   |
| Insulation class                    | Class I  |
| Controllability                     | None   |



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.



2152 - Radon HE - symmetric 1 MODULE

Code: 413323-39

PHOTOMETRIC DATA



|                              |  |
|------------------------------|--|
| Distribution type            | Symmetric narrow beam  |
| Lighting source              | LED COB  |
| CRI                          | ≥70  |
| Luminous flux (output) (lm)  | 52920 lm   |
| Power absorption (total) (W) | 346 W  |
| CCT                          | 3000 K   |
| Luminous efficacy (lm/W)     | 153 lm/W   |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| Beam angle                   | 20 °   |
| LED flux maintenance         | 90000 hr, L 80, B 10   |

MECHANICAL CHARACTERISTICS

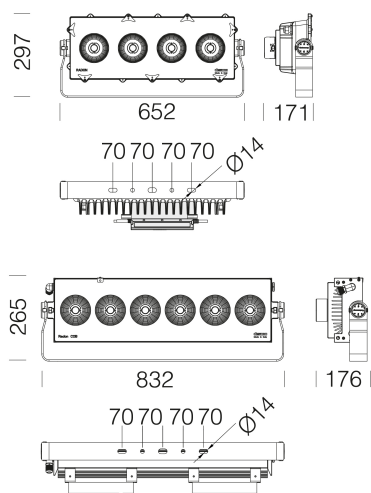
|                               |        |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK08   |
| IP                            | 66     |
| Ambient temperature - min     | -40 °C |
| Ambient temperature - max     | 45 °C  |



2152 - Radon HE - symmetric 1 MODULE

Code: 413323-39

MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions radon 07-23.pdf

DESIGNS

TechnicalDrawing 2152e.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                        | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., Anthracite = RAL 7021   |
| Special coating (UPON REQUEST) | Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.  |
| Colour                         | Anthracite  |
| Equipment                      | <ul style="list-style-type: none"><li>- with galvanised and painted bracket</li><li>- waterproof connector for quick installation with no need to open the fixture</li><li>- EN 61547 compliant surge protection.</li><li>- anti-condensation valve</li><li>- goniometric scale</li><li>- silicone rubber gasket</li><li>- external screws and bolts in stainless steel</li></ul> |

STANDARDS AND COMPLIANCE

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

GEAR

|              |  |
|--------------|--|
| Upon request | <ul style="list-style-type: none"><li>- protection up to 10KV.</li><li>- possibility of central light management or with external presence/light sensors</li><li>- with CLD D-D wiring (DALI), subcode -0041</li></ul> |
|--------------|--|

WARRANTY

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

2152 - Radon HE - symmetric 1 MODULE

Code: 413323-39

