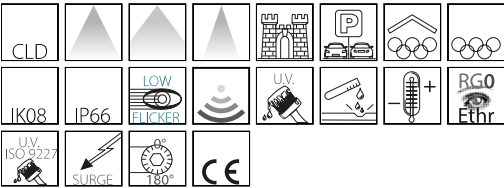


2157 - Radon HP - symmetric 1 MODULE

Code: 413374-39

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.



|         |                                      |
|---------|--------------------------------------|
| Article | 2157 - Radon HP - symmetric 1 MODULE |
| Code    | 413374-39                            |

DIMENSIONS AND WEIGHT

|             |           |
|-------------|-----------|
| Length (mm) | 285 mm    |
| Width (mm)  | 832 mm    |
| Height (mm) | 176 mm    |
| Weight (Kg) | 16.150 kg |

INSTALLATION

|                              |                           |
|------------------------------|---------------------------|
| Surface exposed to wind (mm) | L 86000 mm², F 112000 mm² |
|------------------------------|---------------------------|

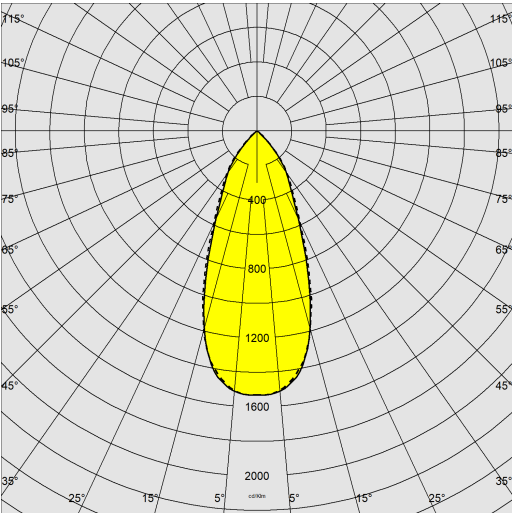
ELECTRICAL CHARACTERISTICS AND CONTROLS

|                                     |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| 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                                                                           |

2157 - Radon HP - symmetric 1 MODULE

Code: 413374-39

PHOTOMETRIC DATA



|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| Distribution type            | Symmetric medium beam                                                                |
| Lighting source              | LED COB                                                                              |
| CRI                          | ≥70                                                                                  |
| Luminous flux (output) (lm)  | 61958 lm                                                                             |
| Power absorption (total) (W) | 409 W                                                                                |
| CCT                          | 3000 K                                                                               |
| Luminous efficacy (lm/W)     | 151 lm/W                                                                             |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| Beam angle                   | 40 °                                                                                 |
| LED flux maintenance         | 50000 hr, L 80, B 20                                                                 |

MECHANICAL CHARACTERISTICS

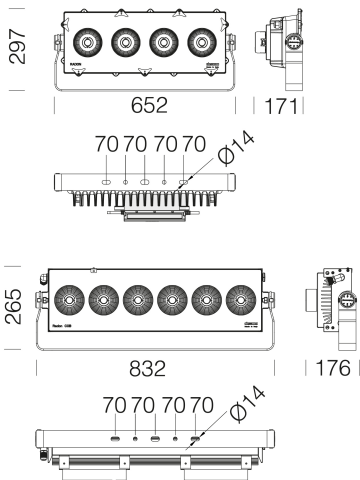
|                               |        |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK08   |
| IP                            | 66     |
| Ambient temperature - min     | -40 °C |
| Ambient temperature - max     | 45 °C  |



2157 - Radon HP - symmetric 1 MODULE

Code: 413374-39

MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions radon hp-he 09-22.pdf

DESIGNS

TechnicalDrawing 2157e.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"><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. With degree of protection according to EN60529. |
| 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 |

2157 - Radon HP - symmetric 1 MODULE

Code: 413374-39

