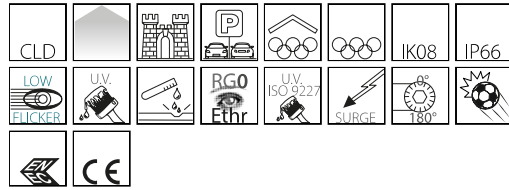


## 2183 - Forum LED - 1 MODULE - symmetric XW

Code: 412631-00

### GENERAL INFORMATION



|         |  |
|---------|--|
| Article | 2183 - Forum LED - 1 MODULE - symmetric XW |
| Code    | 412631-00                                  |

### DIMENSIONS AND WEIGHT

|             |        |
|-------------|--------|
| Length (mm) | 642 mm |
| Width (mm)  | 214 mm |
| Height (mm) | 281 mm |
| Weight (Kg) | 13 kg  |

### INSTALLATION

|                              |  |
|------------------------------|--|
| Surface exposed to wind (mm) | L 28000 mm <sup>2</sup> , F 133000 mm <sup>2</sup> |
|------------------------------|--|

### 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 1-2 LED module versions. |
| Power factor                        | ≥0.92  |
| Rated Current                       | 1050 mA  |
| Surge protector (common) (EN 61547) | 10 kV, 10 kV   |
| Insulation class                    | Class I  |
| Controllability                     | None   |



The range of Forum, Disano's top seller in the lighting of large areas and sport facilities worldwide, introduces the new Forum LED to its family.

Drawing from its proven experience in the field of discharge lamps, Forum LED stands out thanks to the most reliable and sophisticated technologies and the use of the latest generation of LED sources.

The design of the fixture's body makes it possible to obtain various combinations of power, lumen and light beams, offering floodlights with one, two or three LED modules, and distributions with 8° or 17° asymmetric, narrow beam and 30° to 120° symmetric beam.

The remarkable output of these floodlights make them ideal for use in large surfaces as well as in indoor and outdoor sports facilities and arenas, providing unparalleled performance in every settings.

Simple and safe to install, Forum is equipped with special devices for perfect aiming and positioning.

The in-depth study of the optical unit and the incorporation of the LEDs inside the floodlight guarantee precision and high efficiency, minimising intrusive and glaring light in the surrounding areas, to the benefit of the visual wellbeing for players and spectators.

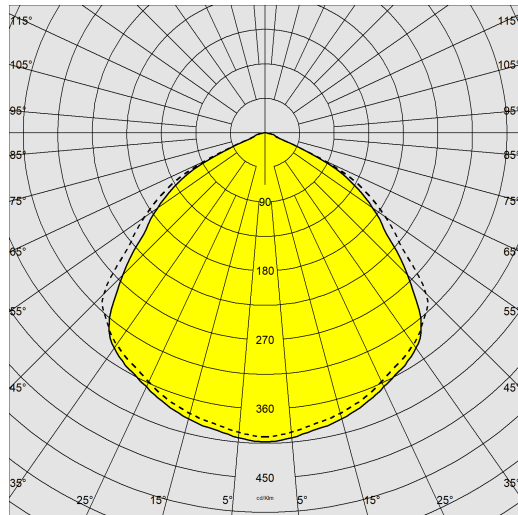
The state-of-the-art LED sources, also in the 5700K and CRI90 colour, are ideal for the broadcasting of sports events, even in HD TV.



## 2183 - Forum LED - 1 MODULE - symmetric XW

Code: 412631-00

### PHOTOMETRIC DATA



|                              |  |
|------------------------------|--|
| Distribution type            | Symmetric medium beam  |
| Lighting source              | LED  |
| CRI                          | 70   |
| Luminous flux (output) (lm)  | 46143 lm   |
| Power absorption (total) (W) | 397 W  |
| CCT                          | 4000 K   |
| Luminous efficacy (lm/W)     | 116 lm/W   |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| LED flux maintenance         | 160000 hr, L 70, B 20  |

### MECHANICAL CHARACTERISTICS

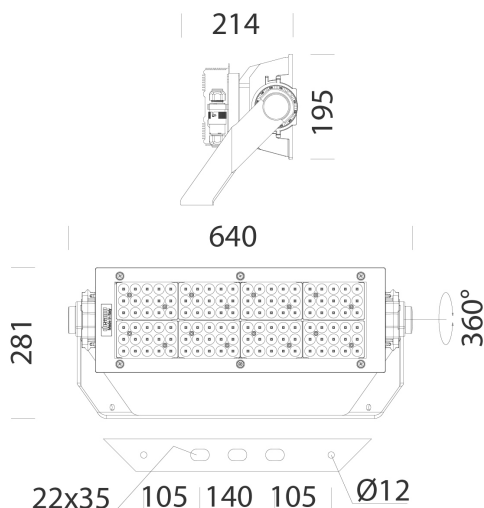
|                               |        |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK08   |
| IP                            | 66     |
| Ambient temperature - min     | -40 °C |
| Ambient temperature - max     | 45 °C  |



## 2183 - Forum LED - 1 MODULE - symmetric XW

Code: 412631-00

### MATERIALS AND COLOURS



DOWNLOAD

#### MOUNTS

AssemblyInstructions forum1 1050-1200ma 08-21.pdf

#### DESIGNS

TechnicalDrawing 2183f.dxf

TechnicalDrawing3D disano 2183 forum.3ds



|                                |   |
|--------------------------------|---|
| Housing                        | in die-cast aluminium, with cooling fins.   |
| Optics                         | in high-performance metallised polycarbonate.   |
| Diffuser                       | extra-clear, 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                         | Graphite  |
| 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>- temperature controller with auto-reset</li> <li>- EN 61547 compliant surge protection.</li> <li>- anti-condensation valve.</li> <li>- goniometric scale.</li> </ul> |

### STANDARDS AND COMPLIANCE

|                              |  |
|------------------------------|--|
| Photobiological safety class | RG0 Ethr   |
| Markings and tests           | CE, ENEC   |
| Reference standards          | EN60598-1. With degree of protection according to EN60529.           |
| Laboratory Tests             | certified ball impact resistant in accordance with DIN 18032-3:2018. |
| Energy Label                 | C  |

### GEAR

|              |  |
|--------------|--|
| Upon request | <ul style="list-style-type: none"> <li>- adjustment with DIMM 1-10V (20 to 100%) or DALI driver</li> <li>- power line carrier remote control</li> <li>- wireless control system</li> </ul> |
|--------------|--|

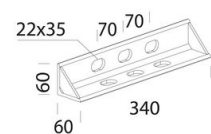
### WARRANTY

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

## 2183 - Forum LED - 1 MODULE - symmetric XW

---

Code: 412631-00



**345 Wall bracket**