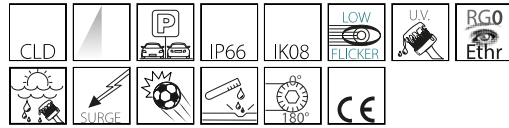


## 2189 - Forum LED HE - 1 MODULE - asymmetric

Code: 412695-39

### GENERAL INFORMATION



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### DIMENSIONS AND WEIGHT

Length (mm)	640 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>
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### 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
Surge protector (common) (EN 61547)	6 kV, 10 kV
Insulation class	Class I
Controllability	None



For LED lighting of large areas, Disano's Forum floodlight is a true benchmark in the industry, guaranteeing energy savings and great performance in any scenario, capable of replacing 600 and 1000 W sodium lamps, with energy savings of up to 65%.

Forum LED is a modular floodlight (with either one, two, or three modules) used in a wide variety of outdoor lighting installations, from car parks to large sports venues.

In the version with 50° asymmetric optics, Forum HE ensures a light output of 139 lumens/watt, while in the version with 90° wide beam optics it reaches 156 lumens/watt.

Forum HE is equipped with a semi-power LED source with a colour temperature of 4000K or 3000K upon request.

Equipped with 6/10kV surge protector, Forum HE is also distinguished by a particularly affordable price.

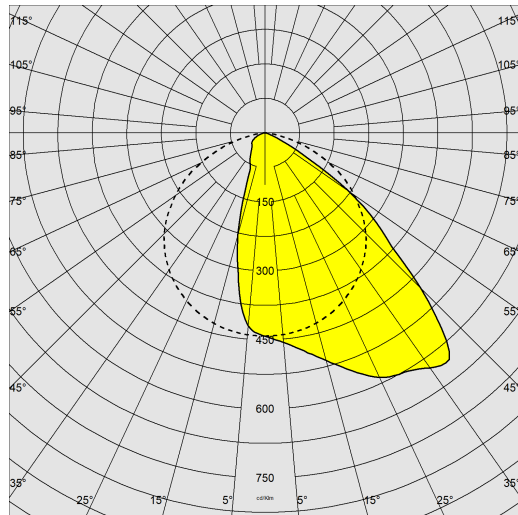
Forum HE features an elegant appearance: the most cutting-edge technology housed in fine aesthetics that reflect the best of Italian design.



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### PHOTOMETRIC DATA



Distribution type	Asymmetric
Lighting source	LED
CRI	70
Luminous flux (output) (lm)	54276 lm
Power absorption (total) (W)	370 W
CCT	3000 K
Luminous efficacy (lm/W)	147 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	90000 hr, L 80, B 10

### MECHANICAL CHARACTERISTICS

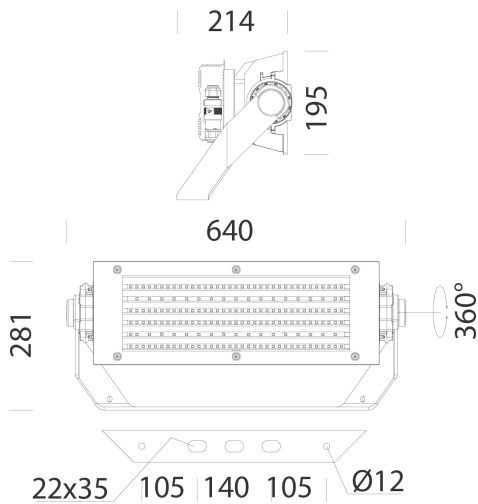
Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-30 °C
Ambient temperature - max	40 °C



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### MATERIALS AND COLOURS



### DOWNLOAD

#### MOUNTS

[AssemblyInstructions forum1 1050-1200ma 08-21.pdf](#)

#### DESIGNS

[BIM 2189 Forum LED HE.zip](#)

[TechnicalDrawing 2189.dxf](#)



Housing	in die-cast aluminium, with cooling fins.
Optics	aluminium coated with very high purity (99.99%) silver using physical vapour deposition (PVD).
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
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>
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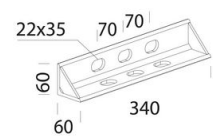
### WARRANTY

After sales warranty	5 yr
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**345 Wall bracket**