

## 2199 - Forum HE - 2 MODULES - asymmetric

Code: 412696-00

### GENERAL INFORMATION



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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### DIMENSIONS AND WEIGHT

Length (mm)	759 mm
Width (mm)	520 mm
Height (mm)	382 mm
Weight (Kg)	27.815 kg

### INSTALLATION

Surface exposed to wind (mm)	L 99000 mm <sup>2</sup> , F 315000 mm <sup>2</sup>
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### ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage (V)	230 V
Frequency (Hz)	50 Hz
Wiring	CLD
Power factor	≥0.92
Current (mA)	350 mA
Surge protector (common) (EN 61547)	6 kV, 10 kV
Insulation class	Class I
Controllability	None

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### PHOTOMETRIC DATA



Distribution type	Asymmetric
Lighting source	LED
CRI	70
Power absorption (total) (W)	735 W
CCT	4000 K
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	90000 hr, L 80, B 10

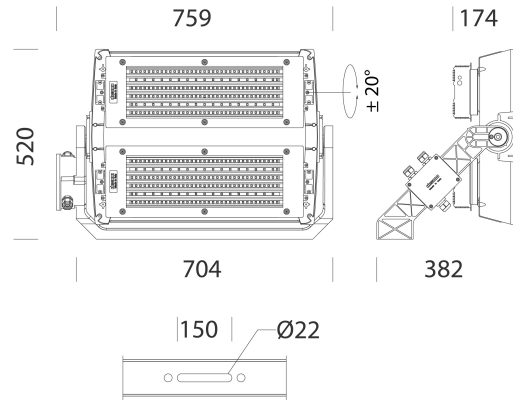
### MECHANICAL CHARACTERISTICS

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 forum2m 700ma 08-21.pdf](#)

[AssemblyInstructions forum2m 08-21.pdf](#)

#### DESIGNS

[BIM 2199 Forum HE - 2 MODULES - asymmetric - 20200528.zip](#)

[TechnicalDrawing 2198-9.dxf](#)

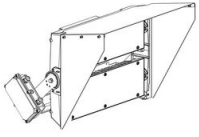


Housing	in die-cast aluminium, with cooling fins. Frame structure in die-cast aluminium with housing for fixing the support bracket.
Optics	in high-performance metallised polycarbonate.
Diffuser	extra-clear, tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI-EN 12150-1:2001).
Heat 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 bracket.</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>
<b>STANDARDS AND COMPLIANCE</b>	
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.
<b>GEAR</b>	
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>
<b>WARRANTY</b>	
After sales warranty	5 yr

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**482 Anti-glare shutter 2 Mod.**