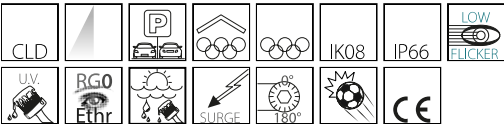


2177 - Forum HE WITH GLASS - 1 MODULE - asymmetric 50°

Code: 412698-00



The Forum floodlight is the ideal solution for lighting projects requiring high efficiency, precise light control, easy installation, and long-lasting performance. In its new version with protective glass, it is perfectly suited for installation in dusty environments. Thanks to its versatile optics, Forum adapts effortlessly to diverse application requirements, delivering superior performance compared to traditional floodlights. Its success lies not only in the wide range of available solutions and exceptional technical features but also in the careful selection of materials and electronic components, which ensure maximum operational safety and total resistance to accidental impacts, thermal shocks, and exposure to the elements. To further enhance safety, Forum floodlights incorporate advanced technical features such as an automatic temperature controller and a surge protector to prevent overvoltage damage. Available with one, two, or three LED modules, this floodlight offers a variety of optics to meet the stringent lighting needs of indoor and outdoor arenas of all sizes and specifications. Lastly, the innovative LED technology that characterises Forum is increasingly used for illuminating stadiums, infrastructure, and large areas, because it ensures not only significant energy savings but also stunning scenic effects (DMX) and high-quality lighting that enhances safety and visual comfort.



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	286 mm
Width (mm)	610 mm
Height (mm)	208 mm
Weight (Kg)	13.2 kg

INSTALLATION

Surface exposed to wind (mm)	L 28000 mm², F 133000 mm²
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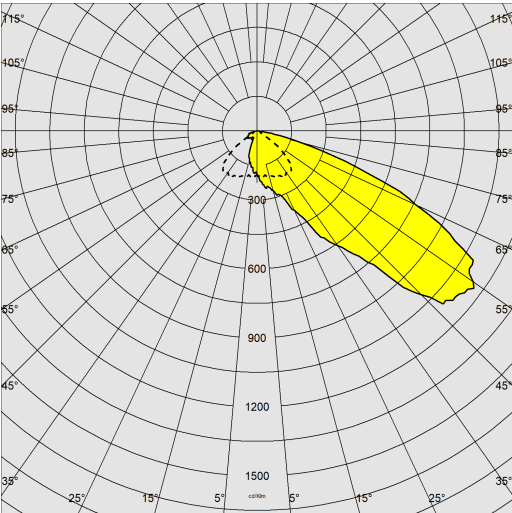
ELECTRICAL CHARACTERISTICS AND CONTROLS

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

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PHOTOMETRIC DATA



Distribution type	Asymmetric
Lighting source	LED
CRI	70
Luminous flux (output) (lm)	54761 lm
Power absorption (total) (W)	370 W
CCT	4000 K
Luminous efficacy (lm/W)	148 lm/W
Beam angle	50 °
LED flux maintenance	100000 hr, L 90, B 10

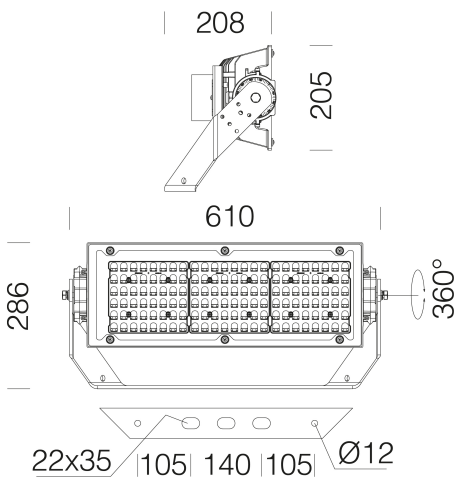
MECHANICAL CHARACTERISTICS

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

DESIGNS

TechnicalDrawing 2177-24.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	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">- with galvanised and painted bracket.- waterproof connector for quick installation with no need to open the fixture.- temperature controller with auto-reset- EN 61547 compliant surge protection.- anti-condensation valve.- goniometric scale.

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0 Ethr
Markings and tests	CE
Laboratory Tests	certified ball impact resistant in accordance with DIN 18032-3:2018.
Energy Label	C

GEAR

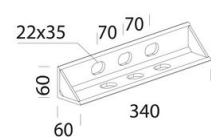
Upon request	<ul style="list-style-type: none">- adjustment with DIMM 1-10V (20 to 100%) or DALI driver- power line carrier remote control- wireless control system
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WARRANTY

After sales warranty	5 yr
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345 Wall bracket