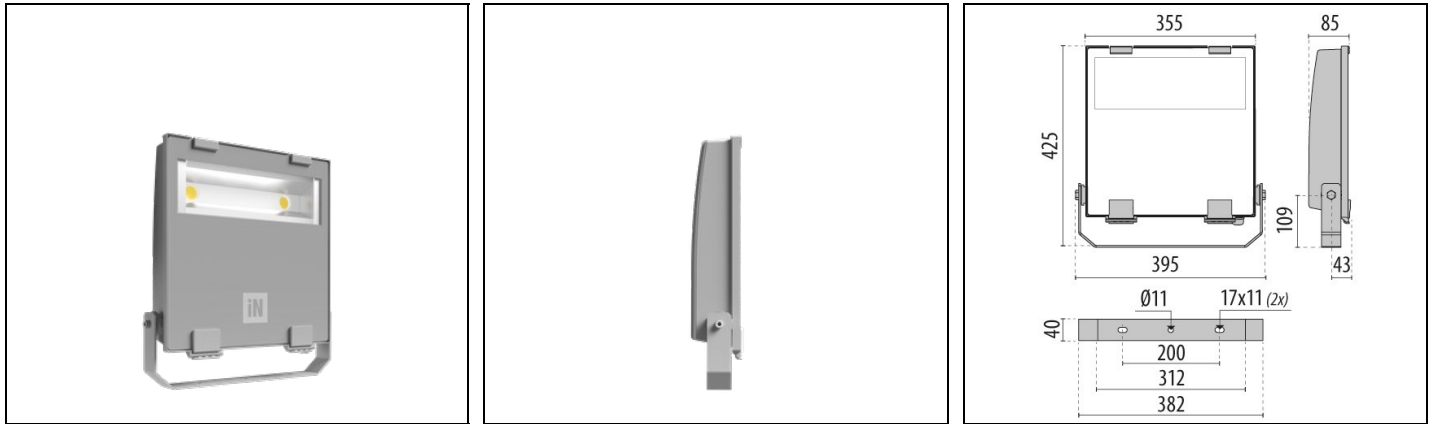


GUELL 2.5+ S/W

Part number LTF1622DS830



Description

LED floodlight for indoor and outdoor, comprising:

- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Extra clear, toughened, flat glass diffuser
- High-performance polished, oxidised, iridescence-free, aluminium reflector (Al 99.99)
- Anti-ageing custom moulded silicone sealing gasket(s)
- DALI dimmable
- M20x1.5 cable gland for cables Ø10-Ø14 mm
- Stainless steel locking hardware
- Fully integrated stainless steel aluminium spring clips
- Powder-coated steel tiltable bracket
- Openable and maintainable luminaire (future-proof)
- Protected against power surges up to 10 kV
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- Design by GIORGIO LODI

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Product data

ETIM Group:	EG000027	ETIM Class:	EC001744
-------------	----------	-------------	----------

General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	24906	Luminaire lumen output [lm]:	20755
Luminaire wattage [W]:	153 W	Luminous efficacy [lm/W]:	136
CRI:	80	Colour temperature [K]:	3000
Colour / Finishing:	GR-94 / Metallic grey / Textured	IP degree of protection:	IP66
Impact resistance / impact energy:	IK07 3J xx5	Protection class:	I
Optic:	S/W - Symmetric Wide	Net weight [kg]:	5.373
Overall length [mm]:	355	Overall width [mm]:	425
Overall height [mm]:	85		

Mechanical features

Shape:	Rectangular	Housing material:	Aluminium
Diffuser material:	Glass	Glow wire test [°C]:	650 Å°C
Frontal exposed area [m²]:	0.03	Lateral exposed area [m²]:	0.03
Top exposed area [m²]:	0.14		

Electrical features

Voltage type:	AC	Input voltage [V AC]:	100/277
Input frequency [Hz]:	50/60	Power factor / COS Φ:	>0.9
Surge protection Common [kV]:	10.000000	Surge protection Differential [kV]:	6.000000
Inrush current [A/μs]:	125 / 200	C10 1.5 mm²:	5
C16 2.5 mm²:	8	B10 1.5 mm²:	3
B16 2.5 mm²:	5		

Installation

Application area:	Outdoor	Mounting type:	Professional floodlight
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	40
Min. distance from lighted object [m]:	1.00		

Light features

MacAdam:	3	Lumen maintenance:	L80B10@78000h
Distribution of light emission:	Direct	DFF - Downward Flux Fraction [%]:	100
UFF - Upward Flux Fraction [%]:	0	Luminous Intensity Class:	G*6
Zero light pollution (ULR = 0%):		IPEA* (road lighting):	A4+

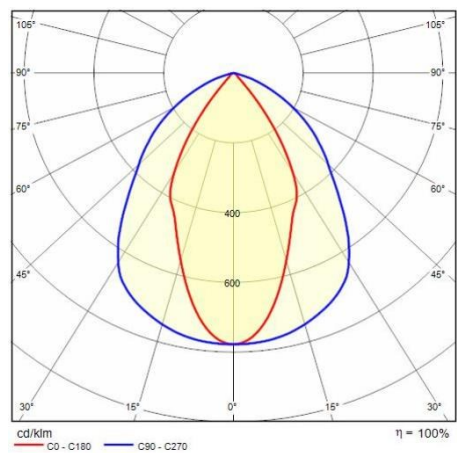
To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

IPEA* (large areas, roundabouts):	A7+
IPEA* (green areas):	A4+

IPEA* (cycle-pedestrian):	A4+
IPEA* (historic city centers):	A9+

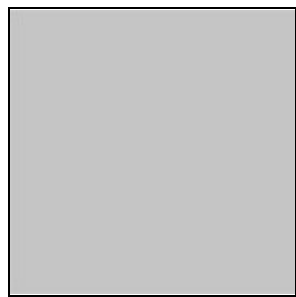
To maintain the regular updating of our products, PERFORMANCE in LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Photometric data

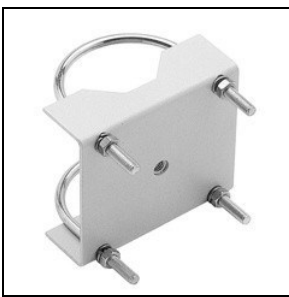


Optional accessories

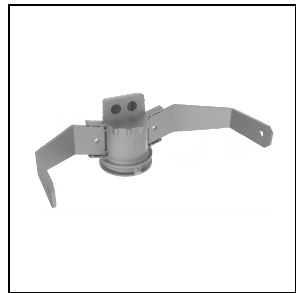
GUELL 2.5+



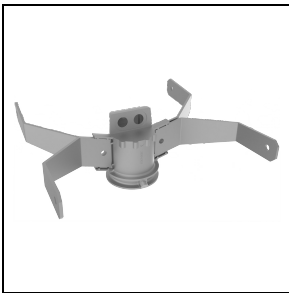
LTF1A5603
Protective grid GUELL 2.5+
☐ GS1



14012294
Steel 'U' bolt clamp for Ø 60-80 mm poles painted aluminium grey
☐ GR-94 / Metallic grey



310966
Single pole top support GUELL 2.5
☐ GR-94 / Metallic grey



310967
Double pole top support GUELL 2.5
☐ GR-94 / Metallic grey

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>