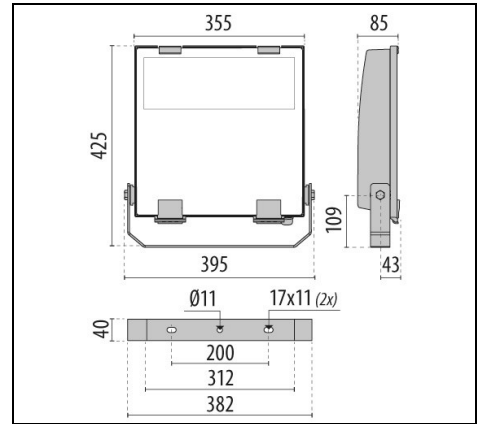
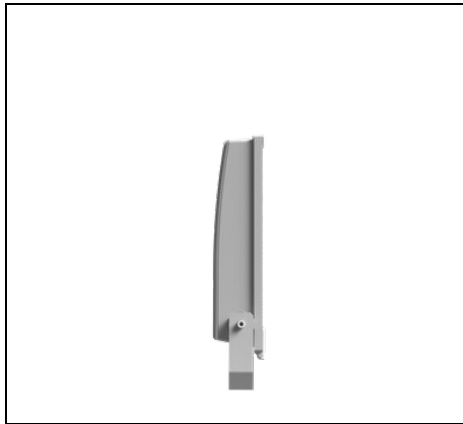
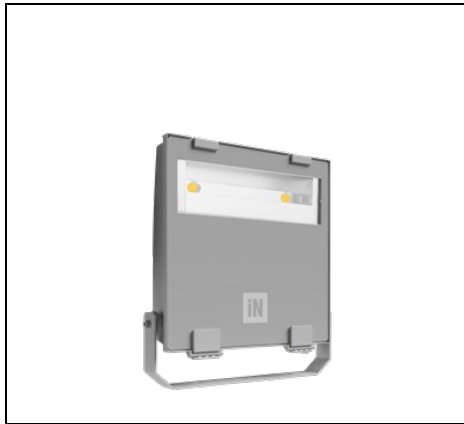


# GUELL 2.5+ A/W

Part number LTF1623FA850



## 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)
- 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

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## Product data

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

## General information

|                                    |                                  |                              |       |
|------------------------------------|----------------------------------|------------------------------|-------|
| Lampholder:                        | LED                              | Light source:                | LED   |
| Lightsource lumen output [lm]:     | 28032                            | Luminaire lumen output [lm]: | 22905 |
| Luminaire wattage [W]:             | 175 W                            | Luminous efficacy [lm/W]:    | 131   |
| CRI:                               | 80                               | Colour temperature [K]:      | 5000  |
| Colour / Finishing:                | GR-94 / Metallic grey / Textured | IP degree of protection:     | IP66  |
| Impact resistance / impact energy: | IK07 3J xx5                      | Protection class:            | I     |
| Optic:                             | A40/W - Asymmetric Wide          | Net weight [kg]:             | 6.405 |
| 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]:                 | 100/305  |
| 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]:          | 120 / 200 | C10 1.5 mm²:                          | 5        |
| C16 2.5 mm²:                    | 9         | 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]: | 35                      |
| Min. distance from lighted object [m]: | 1.00    |                                |                         |

## Light features

|                                   |        |                           |               |
|-----------------------------------|--------|---------------------------|---------------|
| MacAdam:                          | 3      | Lumen maintenance:        | L80B10@78000h |
| Distribution of light emission:   | Direct | Luminous Intensity Class: | G*6           |
| Zero light pollution (ULR = 0%):  |        | IPEA* (road lighting):    | A3+           |
| IPEA* (large areas, roundabouts): | A7+    | IPEA* (cycle-pedestrian): | A3+           |

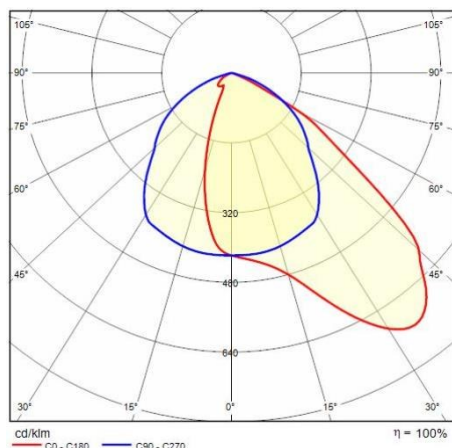
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IPEA\* (green areas): A3+

IPEA\* (historic city centers): A9+

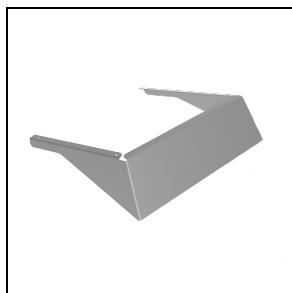
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## Photometric data



## Optional accessories

### GUELL 2.5+



#### LTF1A3652

Louvre GUELL 2.5+

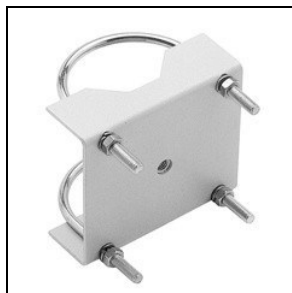
■ GR-94 / Metallic grey



#### LTF1A5603

Protective grid GUELL 2.5+

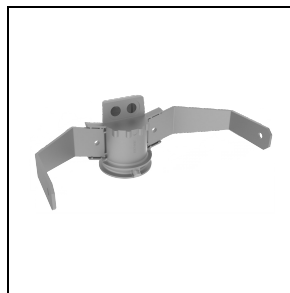
□ GS1



#### 14012294

Steel 'U' bolt clamp for Ø 60-80 mm poles painted aluminium grey

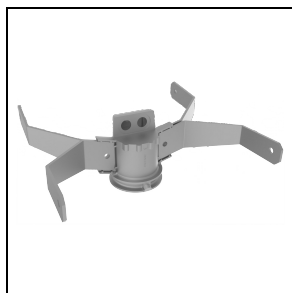
■ GR-94 / Metallic grey



#### 310966

Single pole top support GUELL 2.5

■ GR-94 / Metallic grey



#### 310967

Double pole top support GUELL 2.5

■ GR-94 / Metallic grey

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