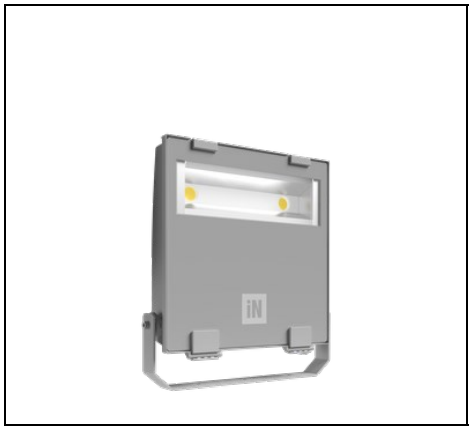
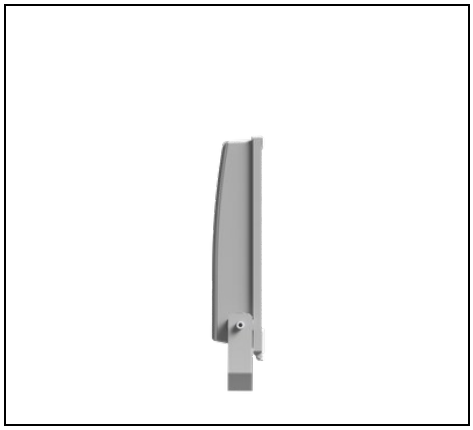
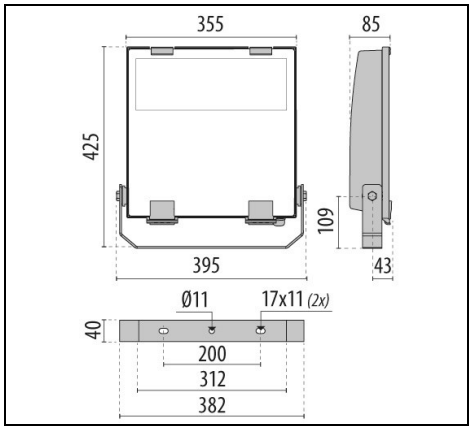
date: 20/10/2026

# GUELL 2.5+ S/W

## Part number LTF1625FS830








IP 66 | CLASS I | ≤-40°C | FULL CUT OFF | ULR<1 | CIEn°3>95 | SPD 10kV | CE | EAC | UKCA

### 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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For information:
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Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com

## Product data

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

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 30960 | **Luminaire lumen output [lm]:** | 25800 |
| **Luminaire wattage [W]:** | 212 W | **Luminous efficacy [lm/W]:** | 122 |
| **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]:** | 6.533 |
| **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 °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 lighting | **Mounting type:** | Professional floodlight |
| **Min. ambient temperature [°C]:** | -40 | **Max. ambient temperature [°C]:** | 25 |
| **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):** | A+ |

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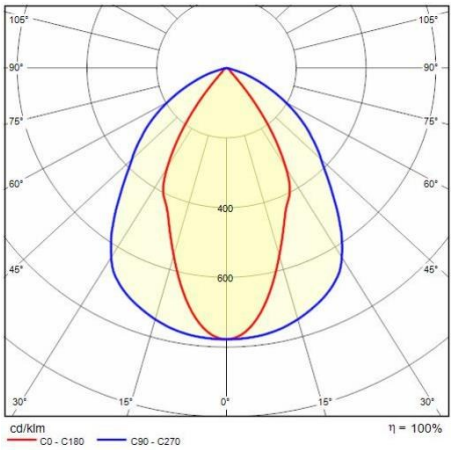
| | | | |
|---|---|---|---|
| **IPEA* (large areas, roundabouts):** | A5+ | **IPEA* (cycle-pedestrian):** | A++ |
| **IPEA* (green areas):** | A++ | **IPEA* (historic city centers):** | A6+ |

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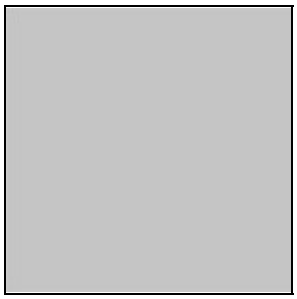
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## Photometric data




## Optional accessories

GUELL 2.5+



**LTF1A5603**

Protective grid GUELL 2.5+

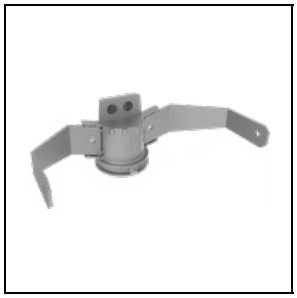
☐ GS1



**14012294**

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

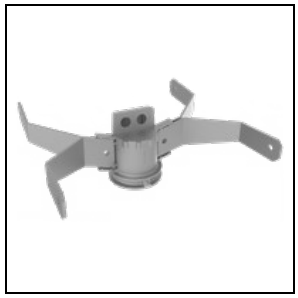
☐ GR-94 / Metallic grey



**310966**

Single pole top support GUELL 2.5

☐ GR-94 / Metallic grey



**310967**

Double pole top support GUELL 2.5

☐ GR-94 / Metallic grey

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