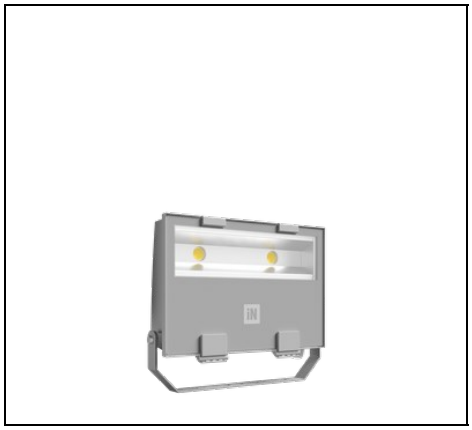
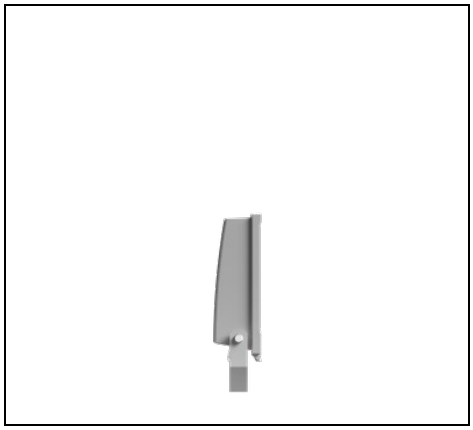
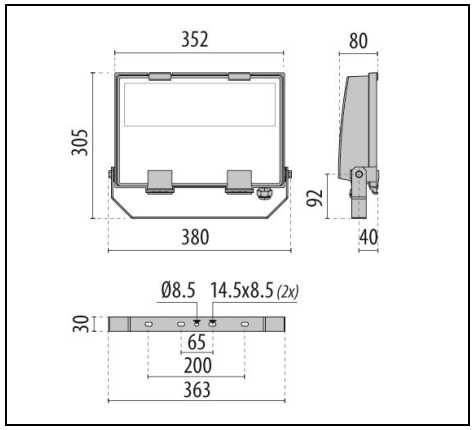
date: 28/10/2026

GUELL 2+ S/W

Part number LTF1224FS850







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)
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- Design by GIORGIO LODI

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For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
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]:	20310	**Luminaire lumen output [lm]:**	18195
Luminaire wattage [W]:	128 W	**Luminous efficacy [lm/W]:**	142
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:	S/W - Symmetric Wide	**Net weight [kg]:**	4.863
Overall length [mm]:	380	**Overall width [mm]:**	305
Overall height [mm]:	80		

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]:**	0.02
Top exposed area [m²]:	0.1		

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	100/305
Input frequency [Hz]:	50/60	**Power factor / COS Φ:**	>0.9
Input voltage [V DC]:	142/431	**Surge protection | Common [kV]:**	6.000000
Surge protection | Differential [kV]:	4.000000	**Inrush current [A/µs]:**	50 / 500
C16 2.5 mm²:	8	**B16 2.5 mm²:**	4

Installation

Application area:	Outdoor lighting	**Mounting type:**	Professional floodlight
Min. ambient temperature [°C]:	-40	**Max. ambient temperature [°C]:**	35
Min. distance from lighted object [m]:	0.10		

Light features

MacAdam:	3	**Lumen maintenance:**	L80B10@65000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*6
Zero light pollution (ULR = 0%):		**IPEA* (road lighting):**	A4+
IPEA* (large areas, roundabouts):	A8+	**IPEA* (cycle-pedestrian):**	A5+
IPEA* (green areas):	A5+	**IPEA* (historic city centers):**	A10+

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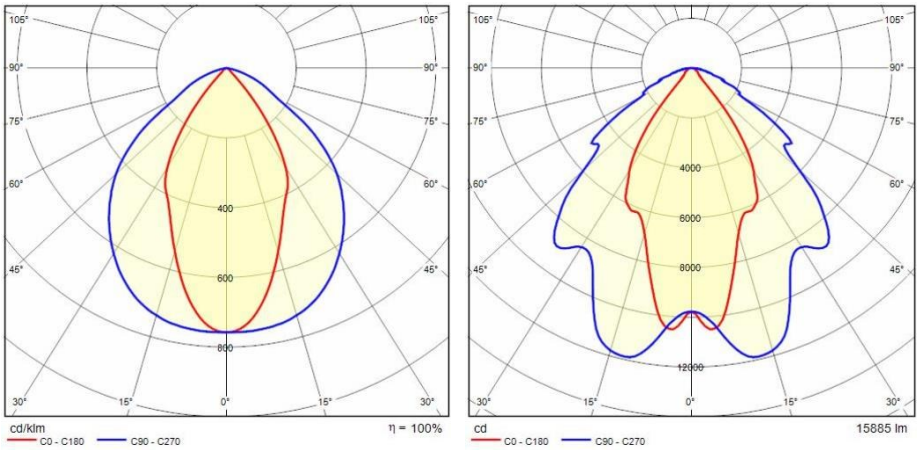
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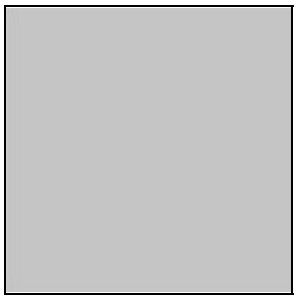
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Photometric data



Optional accessories

GUELL 2+



LTF1A5203

Protective grid GUELL 2+

AN-20 / Polished metallic



LTF1A2212

Single pole top support GUELL 2+

GR-94 / Metallic grey



LTF1A2222

Double pole top support GUELL 2+

GR-94 / Metallic grey



14173394

Wall support 500 mm/19.69" GUELL 1/2

GR-94 / Metallic grey



14173494

Wall support 1000 mm/39.37" GUELL 1/2

GR-94 / Metallic grey

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