

GUELL 2.5+ A/W

Part number LTF1624FA830



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
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General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	29292	Luminaire lumen output [lm]:	24045
Luminaire wattage [W]:	193 W	Luminous efficacy [lm/W]:	125
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:	A40/W - Asymmetric Wide	Net weight [kg]:	6.484
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]:	30
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):	A+
IPEA* (large areas, roundabouts):	A5+	IPEA* (cycle-pedestrian):	A++

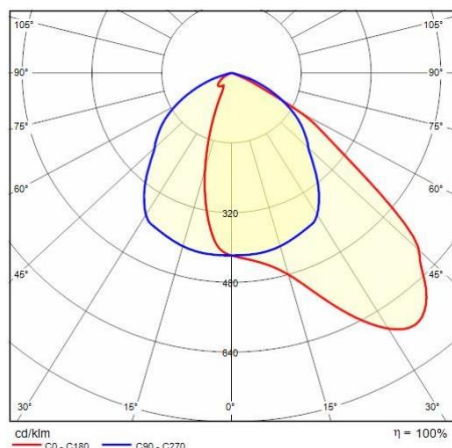
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IPEA* (green areas): A++

IPEA* (historic city centers): A6+

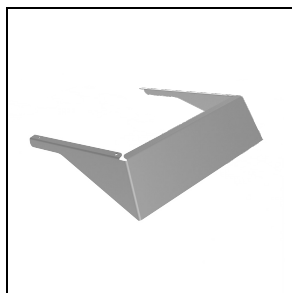
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Photometric data



Optional accessories

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LTF1A3652

Louvre GUELL 2.5+

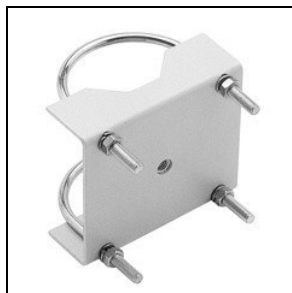
■ GR-94 / Metallic grey



LTF1A5603

Protective grid GUELL 2.5+

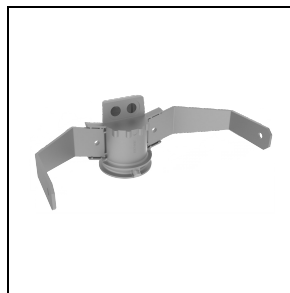
□ GS1



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

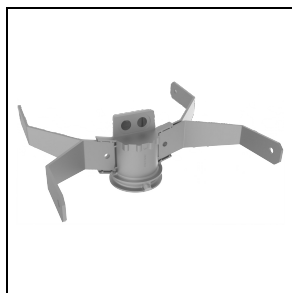
■ GR-94 / Metallic grey



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Single pole top support GUELL 2.5

■ GR-94 / Metallic grey



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Double pole top support GUELL 2.5

■ GR-94 / Metallic grey

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