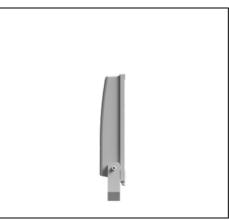
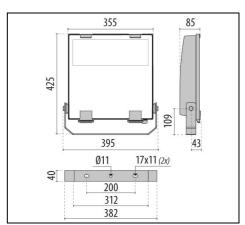


GUELL 2.5+ A/W

Part number LTF1624DA850







































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

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Emerat information	Product data			
Lampholder: LED Light source: LED Light source: LED Light source tumen output lith: 25/4/5 lith: Liminaire under output lith: Liminaire under output lith: Liminaire under output lith: 25/4/5 lith: Liminaire under output lith: 25/4/5 lith:	ETIM Group:	EG000027	ETIM Class:	EC001744
Lampholder: LED Light source: LED Light source: LED Light source tumen output lith: 25/4/5 lith: Liminaire under output lith: Liminaire under output lith: Liminaire under output lith: 25/4/5 lith: Liminaire under output lith: 25/4/5 lith:				
Luminaire lumen output 1930 Luminaire lumen output 1946	General information			
Identic	Lampholder:	LED	Light source:	LED
Wattage IWI: Colour temperature IKI: 5000 CRIM: 80 Colour temperature IKI: 5000 Calcur / Finishing: Textured IP degree of protection: IP66 Impact resistance / impact energy: IRO7 3J xx§ Protection class: 1 Optic: A40 /W - Asymmetric Wide Net weight likgl: 5,822 Overall theight Imml: 355 Overall width Imml: 425 Overall theight Imml: 85 Welchanical features Aluminium Shape: Roctangular Housing material: Aluminium Diffuser material: Class Glow wire test I*Cl: 650 ÅC Frontal exposed area Im ³ I: 0.03 Lateral exposed area Im ³ I: 0.03 Electrical features Voltage type: AC Input voltage IV ACI: 100 / 305 Input requency IHzl: 50 / 60 Power factor / COS 0t: >0.09 Surge protection I Common IKVI: 100 000000 Surge protection I Differential IkVI: 6 000000 Installation S B10 15 mm²: 2 Application area:	-	31002		25465
temperature IR: IP degree		193 W	Luminous efficacy [lm/W]:	132
Finishing:	CRI:	80		5000
Optic: A40/W - Asymmetric Wide Net weight [kg]: 5,822 Overall length Imml: 355 Overall width Imml: 425 Overall height (mm): 85 Western (mm): 425 Mechanical features Shape: Rectangular Housing material: Aluminium Diffuser material: Glass Glow wire test I*Cl: 650 Å*C Frontal exposed area Im*1: 0.03 Lateral exposed area [m*1: 0.03 Top exposed area Im*1: 0.03 Lateral exposed area [m*1: 0.03 Electrical features Voltage type: AC Input voltage IV ACI: 100/305 Input frequency IHz): 50/60 Power factor / COS &: >0.9 Surge protection I Common IkV: 10.000000 Surge protection I Differential [kV]: 6.000000 Inush current IA/usl: 110 / 550 C10 15 mm²: 2 C16 2.5 mm²: 5 B10 15 mm²: 2 B16 2.5 mm²: 3 B10 15 mm²: 2 Jinstallation		- ,		IP66
Optic: A40/W - Asymmetric Wide Net weight lkgl: 5,822 Overall length Imml: 355 Overall width Imml: 425 Overall height Imml: 85 Verall width Imml: 425 Mechanical features Shape: Rectangular Housing material: Aluminium Diffuser material: Glass Glow wire test I*Cl: 650 A*C Frontal exposed area Im²!: 0.03 Lateral exposed area Im²!: 0.03 Top exposed area Im²!: 0.14 Verall width Imml: 42 Electrical features Voltage type: AC Input voltage IV ACl: 100/305 Input frequency IH2!: 50/60 Power factor / COS 4*: >0.9 Surge protection I Common IkV!: 100.00000 Surge protection I Differential lkV!: 6.00000 Insulation July 10/4550 C10.15 mm²*. 2 2 Bi6.25 mm²*. 5 Blo 15 mm²*. 2 2 Bi6.25 mm²*. 3 Whin. ambient temperature [*C!*. 30 Amazer in temperature [*C!*.		IKo7 3J xx5	<u> </u>	I
Mechanical features Mechanical features Bhape: Rectangular Housing material: Aluminium Diffuser material: Glass Glow wire test I*Cl: 650 Å*C Frontal exposed area Im²l: 0.03 Lateral exposed area Im²l: 0.03 Top exposed area Im²l: 0.14 Lateral exposed area Im²l: 0.03 Electrical features Voltage type: AC Input voltage IV ACl: 100/305 Input frequency [Hz]! 50/60 Power factor / COS Φ: >0.9 Surge protection Common [kV]: 10.000000 Surge protection Differential IkV]: 6.000000 Inrush current IA/µs]: 110 / 550 C10 15 mm²? 3 C16 25 mm²: 3 B10 15 mm²? 2 B16 25 mm²: 3 B10 15 mm²? 2 Installation Application area: Mounting type: Professional floodlight Min. ambient temperature I*Cl: -40 Max. ambient temperature I*Cl: 30 Light features <tr< td=""><td></td><td></td><td>Net weight [kg]:</td><td>5.822</td></tr<>			Net weight [kg]:	5.822
Mechanical features Mechanical features Bhape: Rectangular Housing material: Aluminium Diffuser material: Glass Glow wire test I*Cl: 650 Å*C Frontal exposed area Im²l: 0.03 Lateral exposed area Im²l: 0.03 Top exposed area Im²l: 0.14 Lateral exposed area Im²l: 0.03 Electrical features Voltage type: AC Input voltage IV ACl: 100/305 Input frequency [Hz]! 50/60 Power factor / COS Φ: >0.9 Surge protection Common [kV]: 10.000000 Surge protection Differential IkV]: 6.000000 Inrush current IA/µs]: 110 / 550 C10 15 mm²? 3 C16 25 mm²: 3 B10 15 mm²? 2 B16 25 mm²: 3 B10 15 mm²? 2 Installation Application area: Mounting type: Professional floodlight Min. ambient temperature I*Cl: -40 Max. ambient temperature I*Cl: 30 Light features <tr< td=""><td>Overall length [mm]:</td><td>·</td><td></td><td></td></tr<>	Overall length [mm]:	·		
Shape: Rectangular	Overall height [mm]:	85		
Shape: Rectangular				
Diffuser material: Glass Glow wire test I*C!: 650 Å*C Frontal exposed area Im²I: 0.03 Lateral exposed area Im²I: 0.03 Top exposed area Im²I: 0.14 Electrical features Voltage type: AC Input voltage IV ACI: 100/305 Input frequency IHzI: 50/60 Power factor / COS Φ: >0.9 Surge protection Common IkVI: 10.000000 Surge protection Differential IkVI: 6.000000 Inrush current IA/µsI: 110 / 550 C10 15 mm²: 3 C46 25 mm²: 5 B10 15 mm²: 2 B36 25 mm²: 3 2 Installation Mounting type: Professional floodlight Min. ambient temperature [*CI: -40 Max. ambient temperature [*CI: 30 Min. distance from lighted object Im!: 100 Max. ambient temperature [*CI: 30 Light features Max. ambient temperature [*CI: 40 Max. ambient temperature [*CI: 40 Mac. Adam: 3 Lumen maintenance: L80810@7/8000h <td>Mechanical features</td> <td></td> <td></td> <td></td>	Mechanical features			
Frontal exposed area [m²]: 0.03 Lateral exposed area [m²]: 0.03	Shape:	Rectangular	Housing material:	Aluminium
Top exposed area Im² :	Diffuser material:	Glass	Glow wire test [°C]:	650 °C
Electrical features Voltage type: AC Input voltage IV ACI: 100/305 Input frequency IHzI: 50/60 Power factor / COS Φ: >0.9 Surge protection Common IkVI: 10.000000 Surge protection Differential IkVI: 6.000000 Inrush current IA/μsI: 110 / 550 C10 15 mm²: 3 C16 25 mm²: 5 B10 15 mm²: 2 B16 2.5 mm²: 2 Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature I*CI: -40 Max. ambient temperature I*CI: 30 Min. distance from lighted object ImI: 100 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**	Frontal exposed area [m²]:	0.03	Lateral exposed area [m²]:	0.03
Voltage type: AC Input voltage IV ACI: 100/305 Input frequency [Hz]: 50/60 Power factor / COS Φ: >0.9 Surge protection Common [kVI: 10.000000 Surge protection Differential [kVI: 6.000000 Inrush current [A/μs]: 110 / 550 C10 15 mm²: 3 C16 2.5 mm²: 5 B10 1.5 mm²: 2 B16 2.5 mm²: 3 Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature [*Cl: -40 Max. ambient temperature [*Cl: 30 Min. distance from lighted object [m]: 1.00 Max. ambient temperature [*Cl: 30 Light features Max. ambient temperature [*Cl: 30 Lumen maintenance: L80B10@78000h Distribution of light emission: Direct Luminous Intensity Class: G*6 Zero light pollution (ULR = 0%): IPEA* (road lighting): A++	Top exposed area [m²]:	0.14		
Voltage type: AC Input voltage IV ACI: 100/305 Input frequency [Hz]: 50/60 Power factor / COS Φ: >0.9 Surge protection Common [kVI: 10.000000 Surge protection Differential [kVI: 6.000000 Inrush current [A/μs]: 110 / 550 C10 15 mm²: 3 C16 2.5 mm²: 5 B10 1.5 mm²: 2 B16 2.5 mm²: 3 Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature [*Cl: -40 Max. ambient temperature [*Cl: 30 Min. distance from lighted object [m]: 1.00 Max. ambient temperature [*Cl: 30 Light features Max. ambient temperature [*Cl: 30 Lumen maintenance: L80B10@78000h Distribution of light emission: Direct Luminous Intensity Class: G*6 Zero light pollution (ULR = 0%): IPEA* (road lighting): A++				
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]: 110 / 550 C10 15 mm²: 3 C16 2.5 mm²: 5 B10 1.5 mm²: 2 B16 2.5 mm²: 3 B10 1.5 mm²: 2 Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature [*C]: -40 Max. ambient temperature [*C]: 30 Min. distance from lighted object [m]: 100 Light features Lumen maintenance: L80B10@78000h Distribution of light emission: Direct Luminous Intensity Class: G'6 Zero light pollution (ULR = 0%): IPEA' (road lighting): A++	Electrical features			
Surge protection Common IkV : 10.000000 Surge protection Differential IkV : 6.000000 Inrush current [A/µs]: 110 / 550 C10 15 mm²: 3 C16 2.5 mm²: 5 B10 1.5 mm²: 2 B16 2.5 mm²: 3 Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature ['C]: -40 Max. ambient temperature ['C]: 30 Min. distance from lighted object [m]: 100 100 Light features Lumen maintenance: L80B10@78000h Distribution of light emission: Direct Luminous Intensity Class: G'6 Zero light pollution (ULR = 0%): IPEA' (road lighting): A++	Voltage type:	AC	Input voltage [V AC]:	100/305
Inrush current [A/μs]: 110 / 550 C10 1,5 mm²: 3 C16 2,5 mm²: 5 B10 1,5 mm²: 2 B16 2,5 mm²: 3 Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature ['C]: -40 Max. ambient temperature ['C]: 30 Min. distance from lighted object [m]: 100 3 Lumen maintenance: L80B10@78000h Light features Direct Luminous Intensity Class: G'6 Zero light pollution (ULR = 0%): IPEA' (road lighting): A++	Input frequency [Hz]:	50/60	Power factor / COS Φ:	>0.9
C16 2.5 mm²: 5 B10 1.5 mm²: 2 B16 2.5 mm²: 3 Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature [°C]: -40 Max. ambient temperature [°C]: 30 Min. distance from lighted object [m]: 100 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++	Surge protection Common [kV]:	10.000000	Surge protection Differential [kV]:	6.000000
Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature [*Cl: -40 Max. ambient temperature [*Cl: 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++	Inrush current [A/µs]:	110 / 550	C10 1.5 mm ² :	3
Installation Application area: Outdoor Mounting type: Professional floodlight Min. ambient temperature [°C]: -40 Max. ambient temperature [°C]: 30 Min. distance from lighted object [m]: 100 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++	C16 2.5 mm ² :	5	B10 1.5 mm²:	2
Application area: Outdoor Mounting type: Professional floodlight Max. ambient temperature [°C]: Joo Light features MacAdam: Jacan Lumen maintenance: L80B10@78000h Distribution of light emission: Direct Luminous Intensity Class: JPEA' (road lighting): A++	B16 2.5 mm ² :	3		
Application area: Outdoor Mounting type: Professional floodlight Max. ambient temperature [°C]: Joo Light features MacAdam: Jacan Lumen maintenance: L80B10@78000h Distribution of light emission: Direct Luminous Intensity Class: JPEA' (road lighting): A++				
Min. ambient temperature [°C]: -40 Min. distance from lighted object [m]: 100 Light features MacAdam: 3 Lumen maintenance: L80B10@78000h Distribution of light emission: Direct Luminous Intensity Class: G°6 Zero light pollution (ULR = 0%): PEA* (road lighting): A++	Installation			
Min. distance from lighted object [m]: 100 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++	Application area:	Outdoor	Mounting type:	Professional floodlight
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++	Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	30
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++	Min. distance from lighted object [m]:	1.00		
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++				
Distribution of light emission: Direct Luminous Intensity Class: G*6 Zero light pollution (ULR = 0%): IPEA* (road lighting): A++	Light features			
Zero light pollution (ULR = 0%): IPEA* (road lighting): A++	MacAdam:	3	Lumen maintenance:	L80B10@78000h
	Distribution of light emission:	Direct	Luminous Intensity Class:	G*6
IPEA* (large areas, roundabouts): A6+ IPEA* (cycle-pedestrian): A3+	Zero light pollution (ULR = 0%):		IPEA* (road lighting):	A++
	IPEA* (large areas, roundabouts):	A6+	IPEA* (cycle-pedestrian):	A3+

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date: 19/5/2025

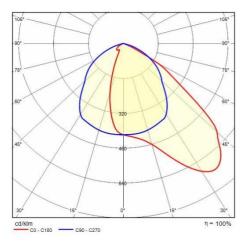


IPEA* (green areas):	A3+	IPEA* (historic city centers):	A7+
			· · · · · · · · · · · · · · · · · · ·

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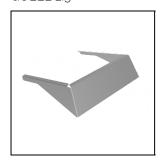


Photometric data



Optional accessories

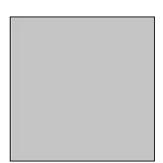
GUELL 2.5+



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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