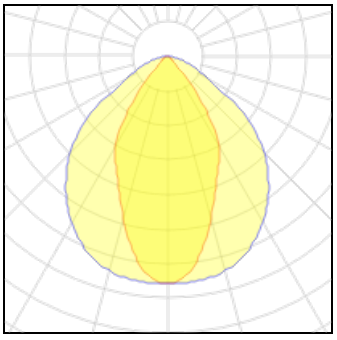
Product data sheet

GUELL 2+ S/W 149W 840 GR-94 DALI
LTF1225DS840
PERFORMANCE IN LIGHTING



Part number: LTF1225DS840. Serie: GUELL. 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 Ø10Ø14 mm. DALI dimmable. 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. Product data | ETIM Group: EG000027. ETIM Class: EC001744. General information | Lampholder: LED. Lightsource lumen output [lm]: 24733. Luminaire lumen output [lm]: 21770. Luminaire wattage [W]: 149 W. Luminous efficacy [lm/W]: 146. CRI: 80. Colour temperature [K]: 4000. Colour / Finishing: GR-94 / Metallic grey / Textured. IP degree of protection: IP66. IK07 3J xx5. Protection class: I. Optic: S/W - Symmetric Wide. Net weight [kg]: 3.358. 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]: 100/277. 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]: 125 / 200. C10 1.5 mm²: 5. C16 2.5 mm²: 8. B10 1.5 mm²: 3. B16 2.5 mm²: 5. Dimmable DALI. Installation | Application area: PROFESSIONAL OUTDOOR. Mounting type: Floodlighting. Min. ambient temperature [°C]: -40. Max. ambient temperature [°C]: 30. Min. distance from lighted object [m]: 1.00. Installation without tools. Light features | Lamps: 1. ILCOS: DSR. MacAdam: 3. Lumen maintenance: L80B10@65000h. Distribution of light emission: Direct. Luminous Intensity Class: G*6. Zero light pollution (ULR = 0%). CIE flux code n.3 95. IPEA* (road lighting): A5+. IPEA* (large areas, roundabouts): A9+. IPEA* (cycle-pedestrian): A5+. IPEA* (green areas): A5+. IPEA* (historic city centers): A11+. Certifications | CE certified. ENEC certified. EAC certified. UKCA certified. RCM certified. Mountable on normally inflammable surfaces.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	149 W	CRI	80
Total flux	21767 lm	LOR	100%
Luminous efficacy	146 lm/W	Total power	149 W

Mounting mode

Wall mounted

Shape and measurements

Length: 14.45 in
Width: 4.21 in
Height: 1.18 in

Electric

System power: 149 W
Appliance Class: 0

Adjustability

Tiltable

Protection

IP: 66

IK: 07

Designation labels: CE, ENEC, F