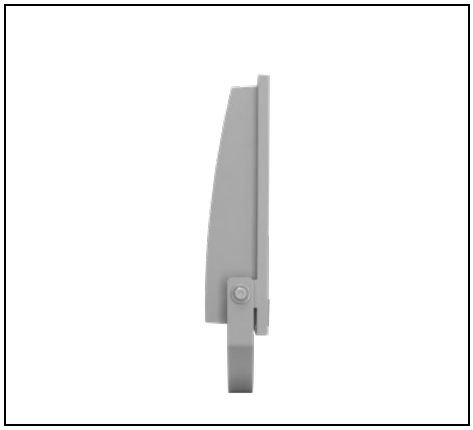
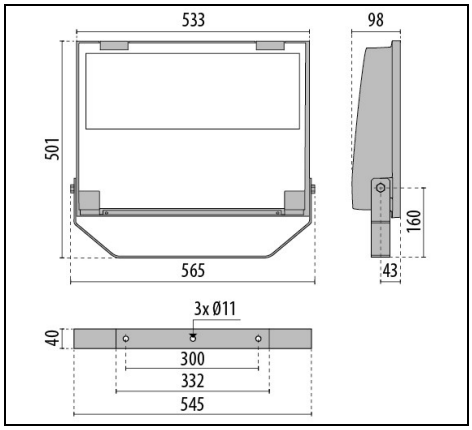
date: 23/10/2026

GUELL 3 A50/W

Part number 306114





IP 66 | CLASS I | ≤-40°C | ULR<1 | CIEn°3>95 | SPD 10kV

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
- High asymmetrical distributions low-glare optic options available (A50/W versions)
- Stainless steel locking hardware
- Fully integrated stainless steel aluminium spring clips
- Powder-coated steel tiltable bracket
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Openable and maintainable luminaire (future-proof)
- Consult factory for dimmable DALI versions with remote supply unit, up to a 50-metre maximum distance (A50 / W models only)
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- Design by GIORGIO LODI

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
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Product data

ETIM Group:	EG000027	**ETIM Class:**	EC001744

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	48341	**Luminaire lumen output [lm]:**	35814
Luminaire wattage [W]:	305 W	**Luminous efficacy [lm/W]:**	117
CRI:	80	**Colour temperature [K]:**	4000
Colour / Finishing:	GR-94 / Metallic grey / Textured	**IP degree of protection:**	IP66
Impact resistance / impact energy:	IK07 3J xx5	**Protection class:**	I
Optic:	A50/W - Asymmetric Wide	**Net weight [kg]:**	11.45
Overall length [mm]:	565	**Overall width [mm]:**	501
Overall height [mm]:	98		

Mechanical features

Shape:	Rectangular	**Housing material:**	Aluminium
Diffuser material:	Glass	**Frontal exposed area [m²]:**	0.05
Lateral exposed area [m²]:	0.03	**Top exposed area [m²]:**	0.21

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	220/240
Input frequency [Hz]:	50/60	**Power factor / COS Φ:**	0.9
Surge protection | Common [kV]:	8.000000	**Surge protection | Differential [kV]:**	6.000000
Inrush current [A/µs]:	53 / 300	**C10 1.5 mm²:**	8
C16 2.5 mm²:	13	**B10 1.5 mm²:**	5
B16 2.5 mm²:	8		

Installation

Application area:	Outdoor lighting	**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@68000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*6
Zero light pollution (ULR = 0%):		**IPEA* (road lighting):**	A
IPEA* (large areas, roundabouts):	A3+	**IPEA* (cycle-pedestrian):**	A+
IPEA* (green areas):	A+	**IPEA* (historic city centers):**	A5+

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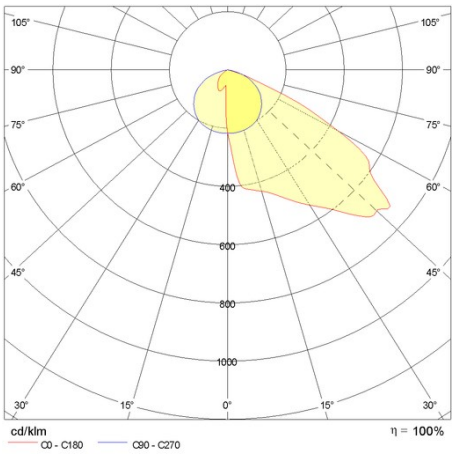
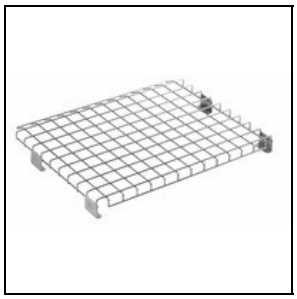
Photometric data



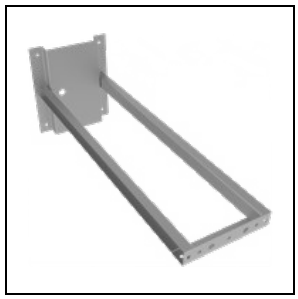
Optional accessories

GUELL 3



14452702

Protective grid



14453994

Wall mount support 1000 mm

GR-94 / Metallic grey

14453794

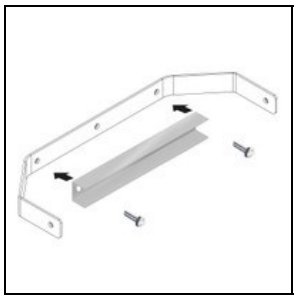
Single pole top support GUELL 3 for poles Ø 60-76 mm/Ø 2.36"-2.99"

GR-94 / Metallic grey

14453894

Double pole top support GUELL 3 for poles Ø 60-76 mm/Ø 2.36"-2.99"

GR-94 / Metallic grey



14461104

GUELL 3 strengthening bracket. Suitable for one floodlight single point fixing M10 screw in centre of the bracket

INOX / Stainless steel

GUELL 3 A/W

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date: 23/10/2026

3102585

Louvre GUELL 3-4 A50/W

GR-94 / Metallic grey

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