



GEO FLOOD LIGHTS

MODULAR LED FLOODLIGHTING SYSTEM

GEO Floodlight is a scalable LED platform engineered for large-area illumination—from industrial yards and logistics facilities to sports venues, airports, and port infrastructure.

The system accommodates up to three integrated optical units per housing, allowing precise configuration for site-specific conditions. Each module can be independently aimed and specified for beam distribution, mounting height, and performance requirements—enabling tailored solutions for complex geometries and mixed-use zones.

Designed for high-mast and structure-mounted applications, GEO Floodlight delivers controlled distribution with minimized spill light and glare. Robust die-cast construction withstands demanding outdoor environments, while the modular format simplifies both initial installation and future reconfiguration or maintenance.

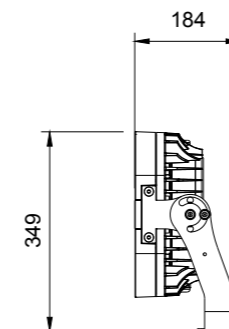
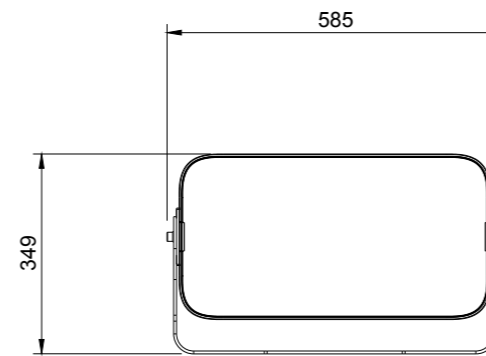
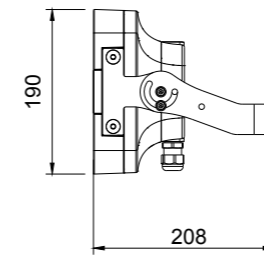
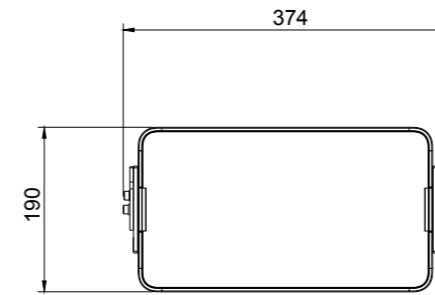
High-efficacy LED arrays reduce operational costs without compromising uniformity or output. The platform supports sustainable infrastructure goals through extended service life and reduced energy consumption across large-scale deployments.

From terminal aprons to stadium bowls, GEO Floodlight provides a flexible, long-term solution for projects where precision, durability, and performance are non-negotiable.

GEO 1 MODULE FLOODLIGHT



GEO 1 MODULE TECHNICAL INFO



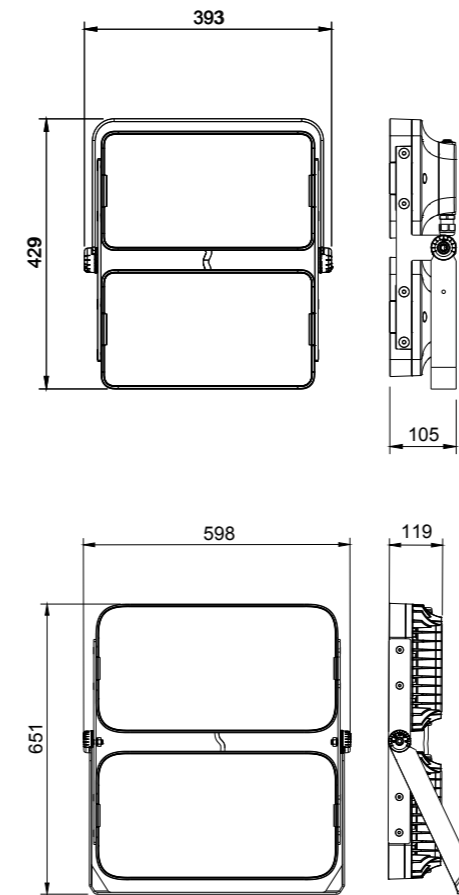
Description	Values
Power	50 W - 450 W
Luminous flux	8600 - 65 350 lm
Efficacy	Up to 185 lm/W
Correlated color temperature	4000 K (others on request)
CRI	Ra 70
Light source	Integrated LED module
Housing	Die-cast aluminium
Coating	Coated aluminium, C4 corrosion class
RAL	RAL 9006 standard, other RAL on request
Material cover	Tempered glass
Screws	stainless screws
Driver	Inventronics / other optional
Electrical Class	Class I or Class II
Input voltage	198-264 V AC, 50-60 Hz
Surge protection	Up to 10kV (L/N - PE)
Functions	DALI-2, D4i
Connection	External cable (type and length vary by model or project requirements)
Lifetime	100 000 h (at 25 °C)
Ambient temperature	-40 °C to +40 °C
IP Rating	IP66
IK Rating	IK08
Weight	± 5,4 / 17,2 kg
Certificates	CE, UKCA
Warranty	5 years

* - depends on type of the surge

GEO 2 MODULE FLOODLIGHT



GEO 2 MODULE TECHNICAL INFO



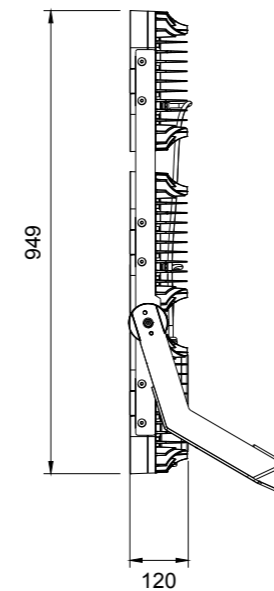
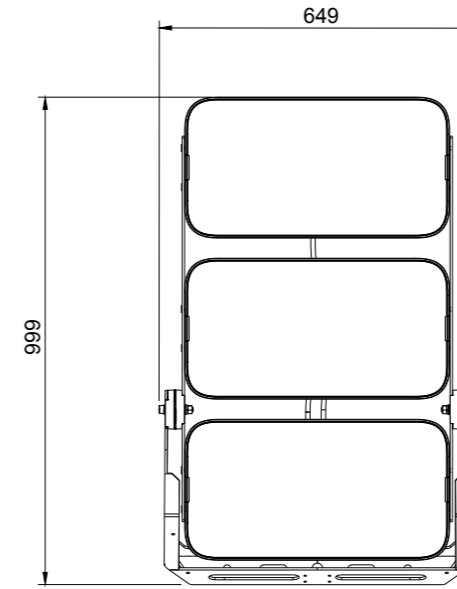
Description	Values
Power	150 W – 900 W
Luminous flux	25 000 – 126 800 lm
Efficacy	Up to 167 lm/W
Correlated color temperature	4000 K (others on request)
CRI	Ra 70
Light source	Integrated LED module
Housing	Die-cast aluminium
Coating	Coated aluminium, C4 corrosion class
RAL	RAL 9006 standard, other RAL on request
Material cover	Tempered glass
Screws	stainless screws
Driver	Inventronics / other optional
Electrical Class	Class I or Class II
Input voltage	198–264 V AC, 50–60 Hz
Surge protection	Up to 10 kV (L/N – PE)
Functions	DALI-2, D4i
Connection	External cable (type and length vary by model or project requirements)
Lifetime	100 000 h (at 25 °C)
Ambient temperature	–40 °C to +40 °C
IP Rating	IP66
IK Rating	IK08
Weight	± 10 / 34 kg
Certificates	CE, UKCA
Warranty	5 years

* - depends on type of the surge

GEO 3 MODULE FLOODLIGHT



GEO 3 MODULE TECHNICAL INFO

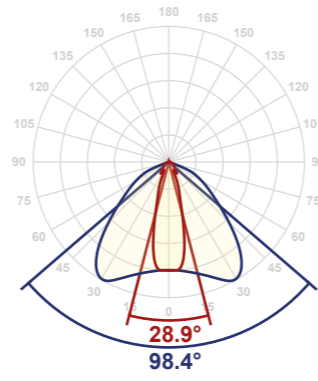


Description	Values
Power	Up to 1 350 W
Luminous flux	189 000 – 218 400 lm
Efficacy	Up to 164 lm/W
Correlated color temperature	4000 K (others on request)
CRI	Ra 70
Light source	Integrated LED module
Housing	Die-cast aluminium
Coating	Coated aluminium, C4 corrosion class
RAL	RAL 9006 standard, other RAL on request
Material cover	Tempered glass
Screws	304 stainless screws
Driver	Inventronics / other optional
Electrical Class	Class I or Class II
Input voltage	198–264 V AC, 50–60 Hz
Surge protection	Up to 10 kV (L/N – PE)
Functions	DALI-2, D4i
Connection	External cable (type and length vary by model or project requirements)
Lifetime	100 000 h (at 25 °C)
Ambient temperature	–40 °C to +40 °C
IP Rating	IP66
IK Rating	IK08
Weight	± 40 kg
Certificates	CE, UKCA
Warranty	5 years

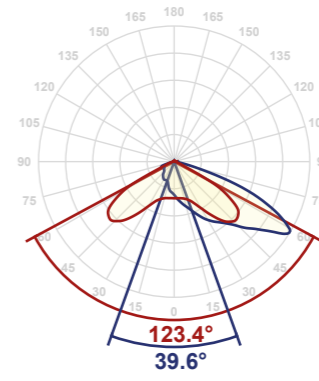


FLOODLIGHT OPTICS

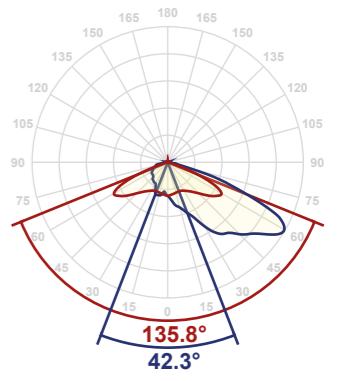
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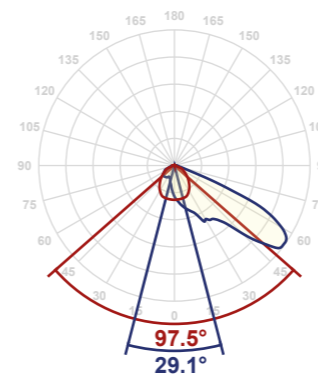
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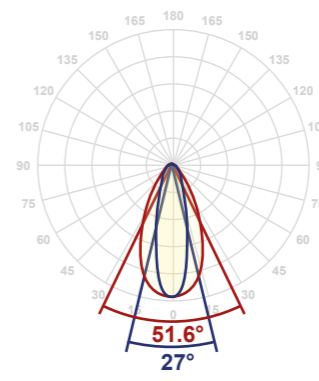
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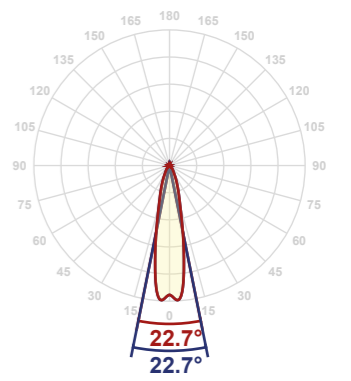
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S401



Contact us for more optical versions