SPECIFICATION SHEET

GL109

IK 07 | IP 68 | CRI 70

BEAM 45° | Lm 100 | mA 350

GAP LIGHTING
SMART LED SOLUTIONS

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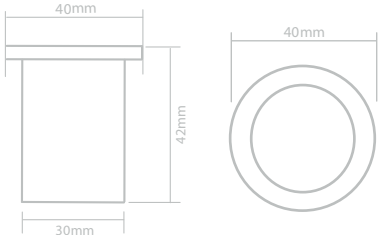
PRODUCT FEATURES

- Solid state mini LED ground light series
- Marine grade 316 stainless steel
- IP68 Protection
- High-powered 1W CREE technology
- Single colour white 6000K
- Supreme quality and design
- Assymmetrical diffuser
- Toughened glass
- Highly efficient optic
- Anti-glare lens
- Installation sleeve available

INSTALLATION



T-12W-350MA TDIM-10W-350MA



PRODUCT CODE

GL109Q-W

PRODUCT DESCRIPTION

Part of our SS316 collection GL109 is a solid state LED recessed ground light series incorporating CREE technology and architectural features enabling directional light output. Suitable for diverse interior and exterior in-ground installations including coastal environments and marine applications.

PRODUCT DATA

MODEL	GL109Q-W
LED BRAND	CREE
LED TYPE	Integrated LED
WATTAGE	1W
LUMINOUS FLUX	100 Lm
PROTECTION	IP68
CRI	70
IK	07
ENERGY RATING	F
KELVIN	White 6000K
INPUT	350mA
DIMMABLE	✓ (with TDIM-350MA power supply)
MATERIAL	Marine grade stainless steel 316 housing
LENS	Tempered glass
BEZEL	Chrome finish
BEAM ANGLE	12° | 45°
WORKING TEMP.	-20 - 45°C
DIMENSIONS	Dia 40mm | H 42mm
CUTOUT	32mm
LIFE	>30,000 hours
CABLE	1m 2-core flex
SLEEVE	TS109 - D 35mm | H 150mm
PACKAGING	Cardboard box
WEIGHT	0.17 kg
GUARANTEE	3 years
APPROVALS	CE | ROHS

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INSTALLATION GUIDE

GL109Q-W

Thank you for purchasing a GAP LIGHTING product.
Please be assured that all of our products are CE, ROHS and UKCA approved.

Please ensure that this product is installed by a qualified electrician and in accordance with the latest wiring and building regulations.

Preparation

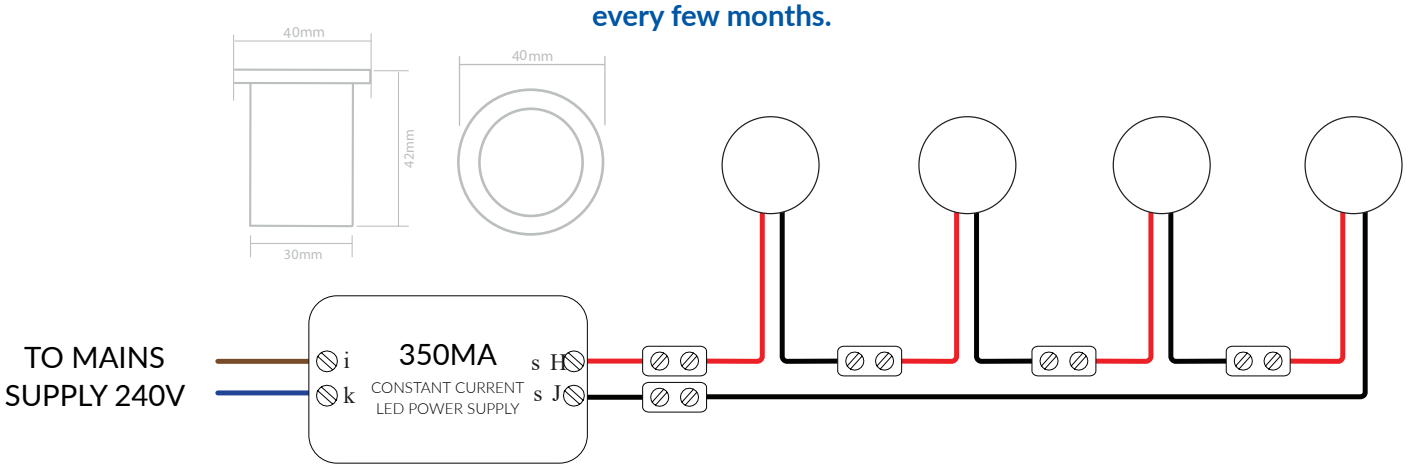
Before drilling the holes and running any wiring, please plan how you wish to install these ground lights within the desired location. Ensure all the leads reach and that the mains connection and driver is positioned indoors or in a suitable weatherproof housing. Lastly, always ensure mains supply is isolated before carrying out installation or maintenance.

We strongly recommend that you test this product prior to installation to ensure that this is the correct product for your requirements and suitable for your location.

Installation

1. A suitable waterproof junction box or enclosure must be used to maintain the IP rating of the product.
2. Connect the red wire of the first unit to V+ on the 350mA driver output.
3. Connect the black wire of the last unit to V- on the 350mA driver output.
4. Connect the black to red as shown below, i.e. current flows 'in' through each red wire and 'out' through each black wire.
5. Ensure polarity is correct before testing as this may damage the product.

This product is 316 marine grade stainless steel. Whilst it is corrosion resistant, it is not corrosion proof. Please maintain the product using a non abrasive cloth together with fresh water and a mild detergent every few months.



For more information or technical guidance, please contact our head office.