

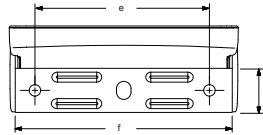
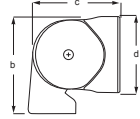
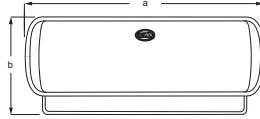
# INSTRUCTION SHEET :

**for: Part No. 1GD 980 950-xxx and 980950xx**



HELLA LED products offer many advantages over conventional bulb lamps. Significantly reduced power consumption, ultra long life and high tolerance to shock and vibration make the LED lamps the ideal choice for using in harsh environments.

<b>Housing Material</b>	UV resistant plastic
<b>Lens Material</b>	Heavy duty polyamide
<b>Bracket Material</b>	316 stainless steel
<b>Light Source</b>	LED
<b>Installation</b>	Pre-wired with a 2.5 m cable
<b>Operating Voltage</b>	Multivolt™ 9-33V DC
<b>Degree of Protection</b>	IP6K7 / IP6K9K - Completely sealed
<b>Power Consumption</b>	12W (<1.0A@12V / <0.5A@24V)
<b>Weight</b>	500g (including cable)
<b>Light Output</b>	750 lumens



**Dimensions**

a = 170mm
b = 68mm
c = 68mm
d = 55mm
e = 120mm
f = 154mm
g = 30mm

### Electromagnetic Compatibility (EMC)

This LED lamp is an electronic device. The electrical circuits contain components that suppress possible interference, both emission as well as susceptibility.



### Protection against damage due to voltage spikes

This lamp is protected against reverse polarity connection and negative voltage spikes of up to 1000 volts.

### Wiring Colour Coding

LED modules are polarity conscious. Reverse polarity will not damage this product but will inhibit its function. HELLA recommends wire connections be soldered, and heat shrink tubing applied to seal the joint. Lamp must be protected by a fuse rated at 5 amperes maximum.

Cable colour	Mode*	Connect to	Power Consumption
Red	High Intensity	Positive (+)	12.0 watts
White		Negative (-)	
Brown	Low Intensity	Positive (+)	2.0 watts

An optional high/low intensity function operated via 'off the shelf' switches is integrated into each lamp.  
e.g. On (high) - Off - On (low).

### Installation:

Once the lamp is installed, the swivel resistance can be adjusted by gradually tightening the end cap screws located on each side. It is important that both friction mounts are adjusted to apply similar friction and that the screws are not over tightened. This lamp features an advanced technology, thermally conductive but non-metallic housing. Whilst completely corrosion and weather proof, the surface can be prone to mechanical marking which in no way affects its thermal transfer function or durability against long term harsh UV exposure and chemicals.

### Warranty

**Congratulations!** The product you have selected comes from HELLA - one of the world's leading manufacturers of lighting products. The product comes with a Lifetime Warranty covering faults in materials, components or workmanship.

In the unlikely event that you should experience a confirmed warranty related problem with your purchase, HELLA will, at its discretion, either repair or replace the product or refund the purchase price.

Warranty services may be obtained by returning the product within the warranty period to the HELLA Dealer where the product was originally purchased. This warranty is in addition to and does not preclude any other rights or remedies available to the consumer under any local legislation related to the provision of goods or services.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Lifetime means the economic life of the vehicle these products were first installed on.

This warranty does not cover:

- 1.) Claim/s as a result of normal wear and tear or of any modifications, alterations non-compliance of assembly, service and operating instructions and/or any unfit or improper use.
- 2.) Any expenses incurred in the process of making the claim.

Note: For lamps sold in Australia warranty services are provided by HELLA Australia Pty Ltd, 54-76 Southern Rd, Mentone VIC 3194.  
Customer Service 1800 061 729 <http://www.hella.com/hella-au/21.html>

For general comments about HELLA's products please contact us on E-mail at: [techfeedback@hella.co.nz](mailto:techfeedback@hella.co.nz)

