

INSTRUCTION SHEET

for: **Part No. 95970010 / 95970400**

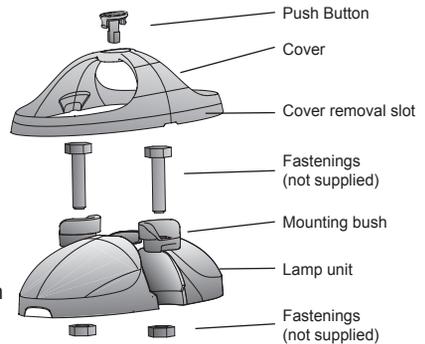


DuraLED® 12 White LED Universal High Efficacy Lamp Multivolt 12 / 24V DC with or without switch

HELLA LED lamps offer many advantages over conventional bulb lamps including significantly reduced power consumption and a high tolerance to shock and vibration for an ultra long service life.

Installation

- Carefully insert a small flat blade screwdriver between the cover and the lens and pull towards the lens, the cover will clip off.
- Drill two holes up to 6mm Ø at 47mm centres.
- 5mm Ø screws or bolts are recommended to mount the lamp using the mounting bushes provided.
- Lamp should be mounted on a flat surface.
- If passing the cable through a hole, ensure there are no sharp edges to cut or chafe the cable.
- Drill a cable exit hole 6mm Ø in the position as shown on diagram over the page.
- Connect cable as per instructions below.
- Clip the cover on securely until flush with the lamp surface.
- When mounting lamp units side by side allow a gap of 5mm to ensure cover can be removed.
- For the switch version of this lamp: firmly push the heavy duty switch in the centre of the lamp to turn lamp on or off.



Wiring & Protection: This lamp is Multivolt, allowing full light output on both 12 and 24 volt electrical systems. 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.

Do not attempt to open – no serviceable parts inside.

Colour	Connect to	Power Consumption
Red	Positive (+)	<3W
Black	Negative (-)	-

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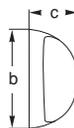
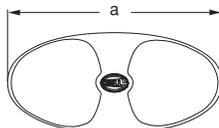
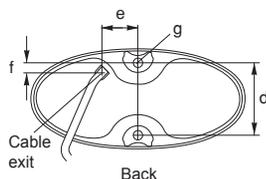


Electromagnetic Compatibility (EMC): This LED lamp is an electronic device. The electrical circuits contain components that suppress possible interference, both emission as well as susceptibility, to the technical requirements for the application of the Regulatory Compliance Mark (RCM).

To avoid false signals or interference, it is standard practice that sensitive instrumentation such as ABS and Tachometers etc. are provided with direct earths.

Protection against damage due to voltage spikes: This Multivolt LED lamp is protected against damage from positive voltage spikes caused by events such as load dump conditions up to severity level 3 of ISO 7637-2 and against reverse polarity connection and negative voltage spikes of up to 1000 volts.

Electric Welding may damage the LED lamps. For LED lamps installed on vehicles, HELLA recommends the negative connection to be wired isolated from the vehicle chassis. If the lamp uses the chassis as the earth return it is recommended that this earth return is disconnected during electric welding.



Dimensions:

a = 140mm	/ 5.51"
b = 65mm	/ 2.56"
c = 32mm	/ 1.26"
d = 41mm	/ 1.61"
e = 21mm	/ 0.83"
f = 9mm	/ 0.35"
g = 5mm	/ 0.20"

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