INSTRUCTION SHEET

for: ***Part No. 1006***

ADR - APPLICATION AND MOUNTING INSTRUCTIONS

ADR 76/00 Daytime Running Lamp

83mm ROUND DAYTIME RUNNING LAMP

12V DC

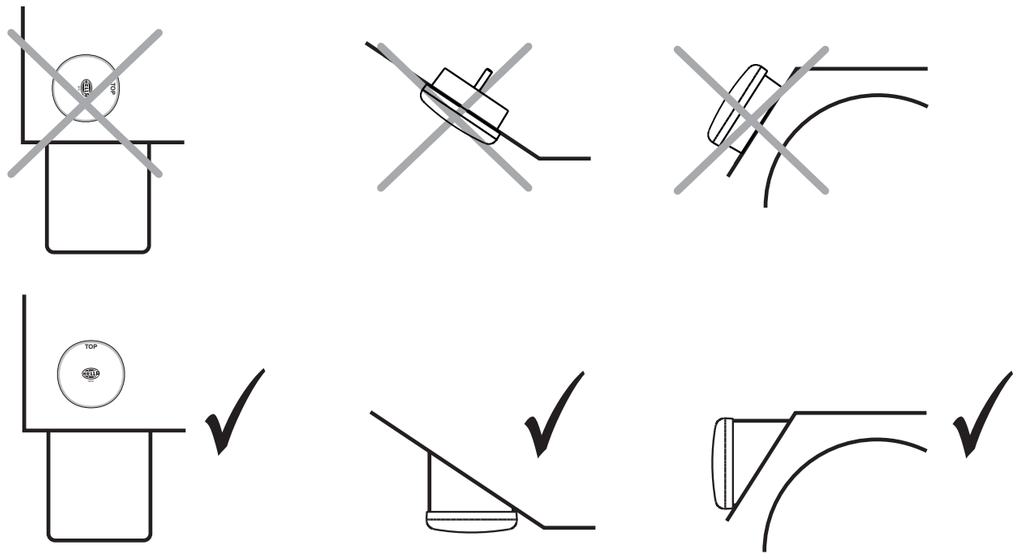
Lens Marking and ADR 13/00 Installation Requirements

This lamp module, identified by lens marking 0690 and the HELLA logo with clear lens was manufactured to comply with ADR 76/00 Daytime Running Lamp.

- A tolerance of +/-3° applies on all mounting details.
- Lamp module mounting plane must be vertical to the ground and facing forward.
- Lamp module reference axis must be parallel to the vehicle longitudinal axis.
- Lamp module centre line must be horizontal (Please note the "TOP" engravings on the outer surface of the lens).
- Lamp module must be visible from 20° inboard and outboard, as well as from 10° above and below the horizontal axis.

Notes: Please refer to ADR 13/00 for more details.

Front View **Top View** **Side View**



LENS IDENTIFICATION NUMBER: 0690

CATALOGUE NUMBER	ENGINEERING NUMBER	CRN NUMBER	COMPLIANCE NUMBER	ADR 51/00 GLOBE	ADR APPLICABLE
1006	2PT 980 690-50	42763	8-1006-17	N/A LED	ADR 76/00

AMENDMENTS			ADR COMPLIANCE VERIFIED	ISSUE DATE:
09/10				08/10
				980 703-47

HELLA-New Zealand Limited, Auckland

980 703-47 V04

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Lamp Mounting

1/4" Ø Nut, bolt and washer have been supplied with this product.

Lamp should be mounted on a flat surface. Drill one mounting hole between 6.5mm and 8mm in diameter. A small 5mm location hole is also recommended to assist in mounting the lamp accurately and to stop the lamp from rotating during or after installation. This can be done using the supplied location pin.

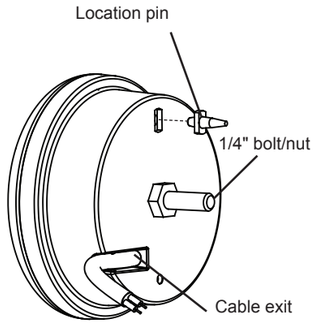
If passing the cable through a hole, ensure there are no sharp edges to cut or chafe the cable.

Drill a cable exit hole 6mm diameter in the position as shown on diagram below.

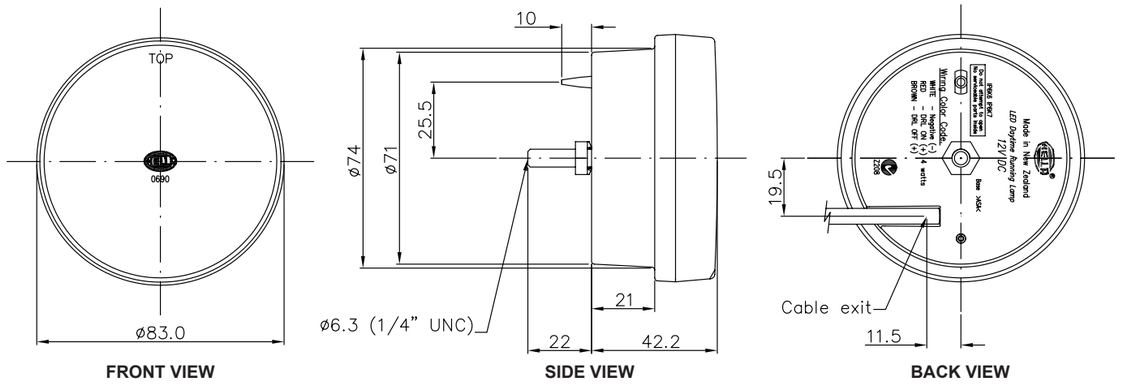
Ensure the lens engraving "TOP" is located correctly.

Connect lamp wiring as per chart below.

Try to keep the cable as long as possible, preferably join the cable inside a sealed cable junction box.



General Dimensions (mm)



Wiring Colour Coding

This lamp is for 12 volt applications only.
This LED lamp will illuminate when the supply voltage (+) is applied to the RED wire. The lamp will automatically switch OFF when power (+) is applied to the BROWN cable when the vehicle's lighting is switched ON.
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.

Colour	Connect to	Function	Power Consumption
White	Terminal (31): Earth (-)	-	-
Red	Terminal (15): Ignition (+)	DRL ON	4 watts
Brown	Either, Terminal (58): Front Position Lamp (+) Or, Terminal (56): Headlamp - Dipped Beam (+)	DRL OFF	-

NB: Lamp must be protected by a fuse rated at 5 amperes maximum.

Important Notes for Installer and Vehicle Owner

Introduction

This Multivolt LED lamp offers many advantages over conventional bulb lamps. Significantly reduced power consumption, ultra long life and high tolerance to shock and vibration make LED lamps the ideal choice for the commercial transport industry, where the cost of ownership versus the initial purchase price of the product is well understood.

Daytime Running Lamps

Daytime running lamps are not a substitute for dipped beam headlights at dusk or in the dark. It is important for the installer to check that the daytime running lamps illuminate only when the vehicle lighting is switched off.

Compatibility to existing electrical systems

It is important for the installer to ascertain the compatibility of the low power consumption LED lamps with the electrical and/or electronic systems of the complete vehicle. In most cases the small additional power consumption of the daytime running lamp will not impose significant demands to the electrical system of the vehicle.

Electromagnetic Compatibility (EMC)

This LED lamp in 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 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.

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

Electric Welding

Electric Welding may damage the LED lamps. For LED lamps, 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.

FIT AND FORGET - BY DESIGN

Congratulations, the product you have selected comes from ***HELLA*** - a world leader in LED lighting design.

Following the launch of the first LED automotive signal lamps in 1990, ***HELLA*** Design and Innovation continues to set new standards. ***HELLA*** innovative solutions have been incorporated into millions of lamps, engineered and tested to the most stringent standards, to suit the most demanding environmental conditions.

The cornerstone to the success of our products is our no compromise ***Fit and Forget - by Design*** philosophy which is incorporated into every step of the product life cycle.

In a world consuming finite resources at an ever faster rate, ***Fit and Forget - by Design*** is the right environmental choice that also makes perfect economic sense to customers that consider the total life cycle Cost of Ownership.

For general comments about HELLA*'s products please contact us on E-mail at techfeedback@hella.co.nz*