INSTRUCTION SHEET

for: **2PT 980 880-8xx / 5619 / 5619-24V**

ADR - APPLICATION AND MOUNTING INSTRUCTIONS

LED SAFETY DAYLIGHTS™ (DRL) KIT - HORIZONTAL MOUNT

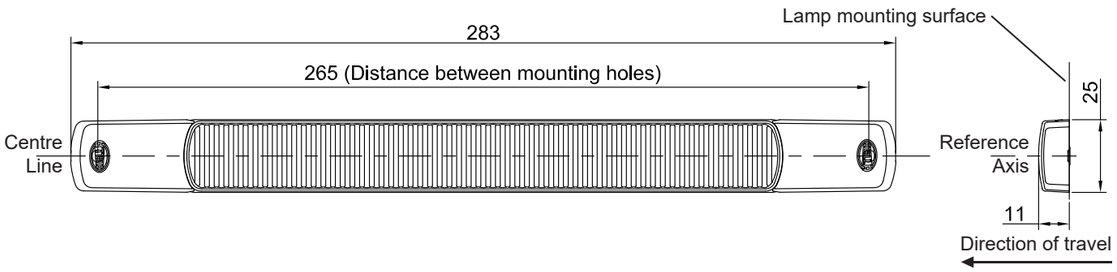
5619: 12V DC Only **5619-24V: 24V DC Only**

Lens Marking and ADR 13/00 Installation Requirements

This lamp module, identified by lens marking (E24) 5869, with clear lens was manufactured to comply with ECE Regulation No. 87 for Daytime Running Lamp as an alternative standard to ADR 76/00.

- Lamp module mounting surface 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.
- Lamp module must be visible from 20° inboard and outboard, as well as from 10° above and below the horizontal axis.
- Two lamp modules are required.
- Lamps modules must not be mounted less than 250 mm and more than 1500 mm above the ground.
- Lamp modules must be mounted within 400 mm of the widest point of the vehicle and no closer than 600 mm together.

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



Product Contents

Description	5619	5619-24V
LED Safety DayLight™ with 2.5 m cable	x2 (P/N 1009)	x2 (P/N 1009-24V)
Screw Cap	x4	x4
Mounting Screw	x4	x4
5 Pin Change-over Relay	x1 (P/N 3080)	x1 (P/N 3081)
Application and Mounting Instructions	x1	x1

PART NUMBER	ECE NUMBER	ADR 51/00 / ECE R37 GLOBE	ECE APPLICABLE	LENS IDENTIFICATION NO.
1009 2PT 980 880-00x 980.880-00x	E24 87R-005869	N/A LED	ECE R87	(E24) 5869
1009-24V 2PT 980 880-10x 980.880-10x				

Hella-New Zealand Limited, Auckland

INSTRUCTION SHEET

for: **2PT 980 880-8xx / 5619 / 5619-24V**

ADR - APPLICATION AND MOUNTING INSTRUCTIONS

LED SAFETY DAYLIGHTS™ (DRL) KIT - HORIZONTAL MOUNT

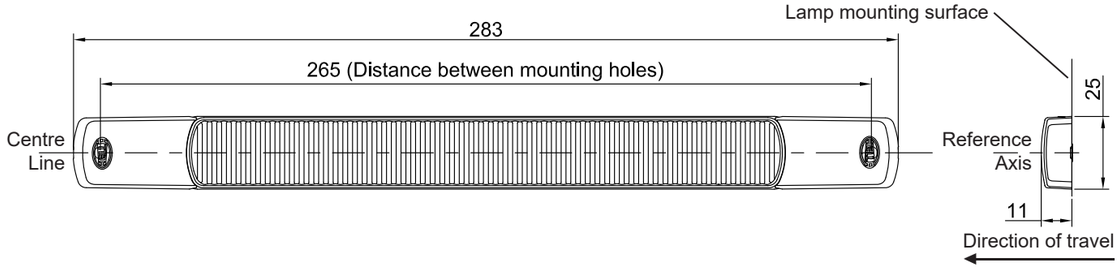
5619: 12V DC Only **5619-24V: 24V DC Only**

Lens Marking and ADR 13/00 Installation Requirements

This lamp module, identified by lens marking (E24) 5869, with clear lens was manufactured to comply with ECE Regulation No. 87 for Daytime Running Lamp as an alternative standard to ADR 76/00.

- Lamp module mounting surface 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.
- Lamp module must be visible from 20° inboard and outboard, as well as from 10° above and below the horizontal axis.
- Two lamp modules are required.
- Lamps modules must not be mounted less than 250 mm and more than 1500 mm above the ground.
- Lamp modules must be mounted within 400 mm of the widest point of the vehicle and no closer than 600 mm together.

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



Product Contents

Description	5619	5619-24V
LED Safety DayLight™ with 2.5 m cable	x2 (P/N 1009)	x2 (P/N 1009-24V)
Screw Cap	x4	x4
Mounting Screw	x4	x4
5 Pin Change-over Relay	x1 (P/N 3080)	x1 (P/N 3081)
Application and Mounting Instructions	x1	x1

PART NUMBER	ECE NUMBER	ADR 51/00 / ECE R37 GLOBE	ECE APPLICABLE	LENS IDENTIFICATION NO.
1009 2PT 980 880-00x 980.880-00x	E24 87R-005869	N/A LED	ECE R87	(E24) 5869
1009-24V 2PT 980 880-10x 980.880-10x				

Hella-New Zealand Limited, Auckland

958 780-26 / 10.26

INSTRUCTION SHEET
for: 2PT 980 880-8xx / 5619 / 5619-24V

Mounting Instructions

- **Lamp must be mounted horizontally on a flat surface with no curvature.**
- Drill two 3 mm Ø mounting holes at 265 mm centres through the mounting surface to allow fitment of the DRL. See previous page for correct positioning.
- Using the mounting screws tighten the DRL to the mounting surface (Maximum torque 1.5Nm).
- Fit screw caps.

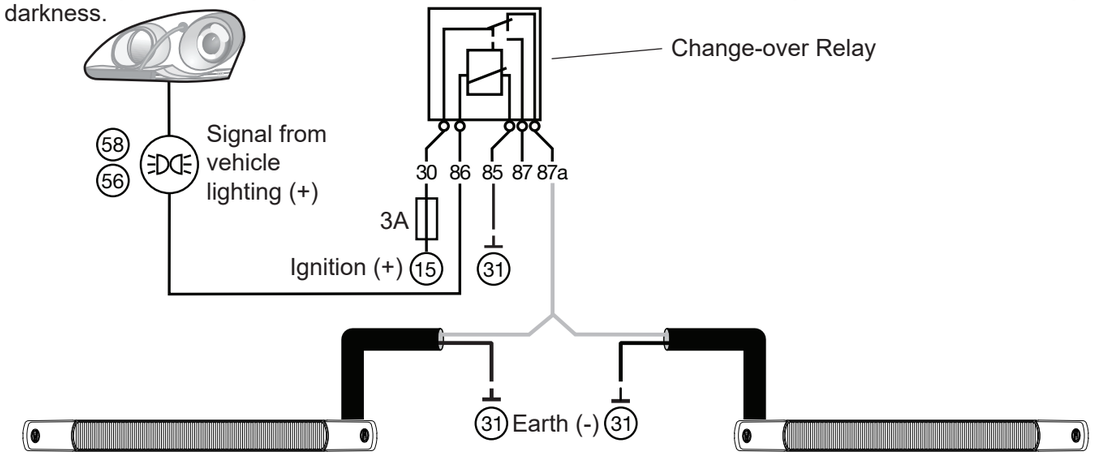
Note: Do not overtighten the mounting screws in the plastic lens.
If it is necessary to remove the screw caps, lever them out with a small flat head screw driver.

Wiring Instructions

- It is a legal requirement for daytime running lamps to illuminate only when the ignition is switched ON and the vehicle lighting is switched OFF.
- To meet this requirement it is recommended that a 5 pin change-over relay is utlilised as per the wiring diagram below.

Wire Colour	Connect to	Power Consumption
Black	Terminal 31: Earth (-)	-
Red	Terminal 87a: DRL signal (+)	3 watts per lamp

Note 1: Lamps and relay must be protected by a fuse rated at 3 amperes maximum.
Note 2: Lamp is polarity conscious. The reversal of the polarity will not damage this product but will inhibit its function.
Note 3: Daytime running lamps are not a substitute for dipped beam headlights at dusk/dawn or during darkness.



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

INSTRUCTION SHEET
for: 2PT 980 880-8xx / 5619 / 5619-24V

Mounting Instructions

- **Lamp must be mounted horizontally on a flat surface with no curvature.**
- Drill two 3 mm Ø mounting holes at 265 mm centres through the mounting surface to allow fitment of the DRL. See previous page for correct positioning.
- Using the mounting screws tighten the DRL to the mounting surface (Maximum torque 1.5Nm).
- Fit screw caps.

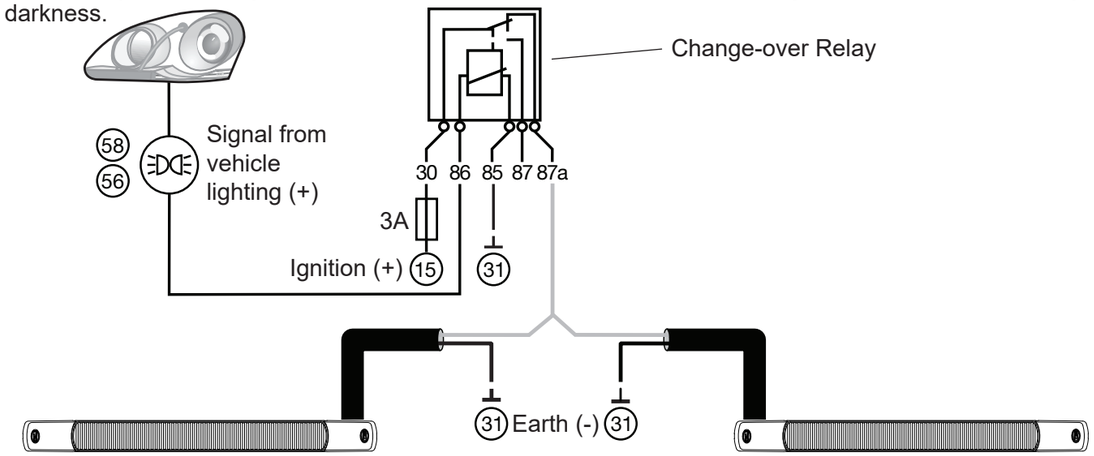
Note: Do not overtighten the mounting screws in the plastic lens.
If it is necessary to remove the screw caps, lever them out with a small flat head screw driver.

Wiring Instructions

- It is a legal requirement for daytime running lamps to illuminate only when the ignition is switched ON and the vehicle lighting is switched OFF.
- To meet this requirement it is recommended that a 5 pin change-over relay is utlilised as per the wiring diagram below.

Wire Colour	Connect to	Power Consumption
Black	Terminal 31: Earth (-)	-
Red	Terminal 87a: DRL signal (+)	3 watts per lamp

Note 1: Lamps and relay must be protected by a fuse rated at 3 amperes maximum.
Note 2: Lamp is polarity conscious. The reversal of the polarity will not damage this product but will inhibit its function.
Note 3: Daytime running lamps are not a substitute for dipped beam headlights at dusk/dawn or during darkness.



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