


INSTRUCTION SHEET



for: **Part No. 2SD 980 819-xxx / 2375**



APPLICATION AND MOUNTING INSTRUCTIONS

LED STOP / REAR POSITION / DIRECTION INDICATOR LAMP
2SD 980 819-0xx / 2375-12V: 12V DC Only
2SD 980 819-2xx / 2375-24V: 24V DC Only

Lens Marking and Installation Requirements

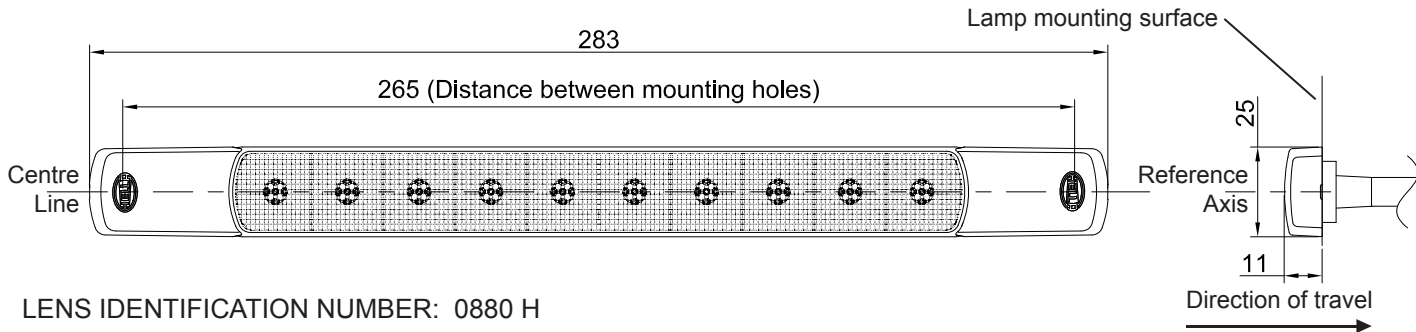
This Stop / Rear Position / Direction Indicator Lamp, identified by lens marking  5902 and the  logo was manufactured to comply with:

ECE Regulation No. 6 for Rear Direction Indicator Lamps (Category 2a)
ECE Regulation No. 7 Rear Position (side) / Stop Lamp

- A tolerance of +/-3° applies on all mounting details.
- Lamp module mounting surface must be vertical to the ground and facing to the rear.
- Lamp module reference axis must be parallel to the vehicle longitudinal axis.
- Lamp must be visible from 45° inboard and 80° outboard, as well as from 15° above and below the horizontal axis.
- Two lamp modules are required per vehicle.
- Lamp modules must not be mounted less than 350 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.
- Lamp is approved to be mounted horizontally and vertically.

Note: Please refer to ECE Regulation No. 48 for more details.

General Dimensions (mm)



LENS IDENTIFICATION NUMBER: 0880 H

Product Contents


| Description | 2SD 980 819-0xx 2375-12V | 2SD 980 819-2xx 2375-24V |
|--|-----------------------------|-----------------------------|
| LED Stop/Rear Position/Direction Indicator Lamp with 2.5 m cable | x1 | x1 |
| Screw Cap | x2 | x2 |
| Mounting Screw | x2 | x2 |
| Application and Mounting Instructions | x1 | x1 |

Hella-New Zealand Limited, Auckland

958 315-70 / 05.18

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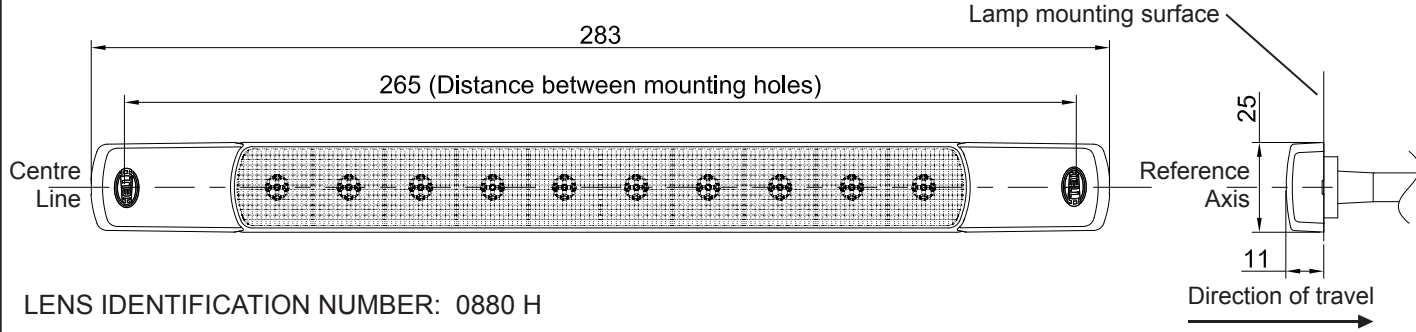
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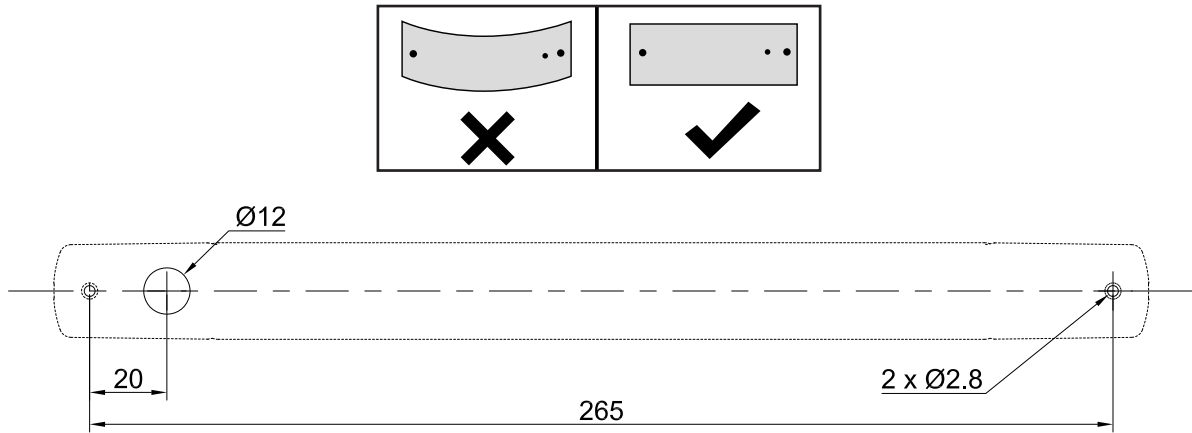
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Mounting Instructions
Lamp must be mounted horizontally or vertically on a flat surface with no curvature.



- See previous page and drawing above for correct positioning of the lamp module.
- Drill two 2.8 mm Ø mounting holes at 265 mm centres through the mounting surface to allow fitment of the lamp. A hole size of Ø12 mm is required for the cable and spigot backplate to pass through.
- When passing the cable through the hole, ensure there are no sharp edges to cut or chafe the cable. Connect the wires as per the table below and test that the lamp functions correctly.
- Using the mounting screws tighten the lamp 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

- Lamp is polarity conscious. The reversal of the 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.

| Wire Colour | Connect to | Power Consumption |
|-------------|------------------------------|-------------------|
| White | Earth (-) | - |
| Red | Stop (+) | 2 watts |
| Brown | Rear Position (+) | < 0.5 watt |
| Blue | Rear Direction Indicator (+) | 2 watts |

Note: Lamp must be protected by a fuse rated at 3 amperes maximum.

FIT AND FORGET - BY DESIGN

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



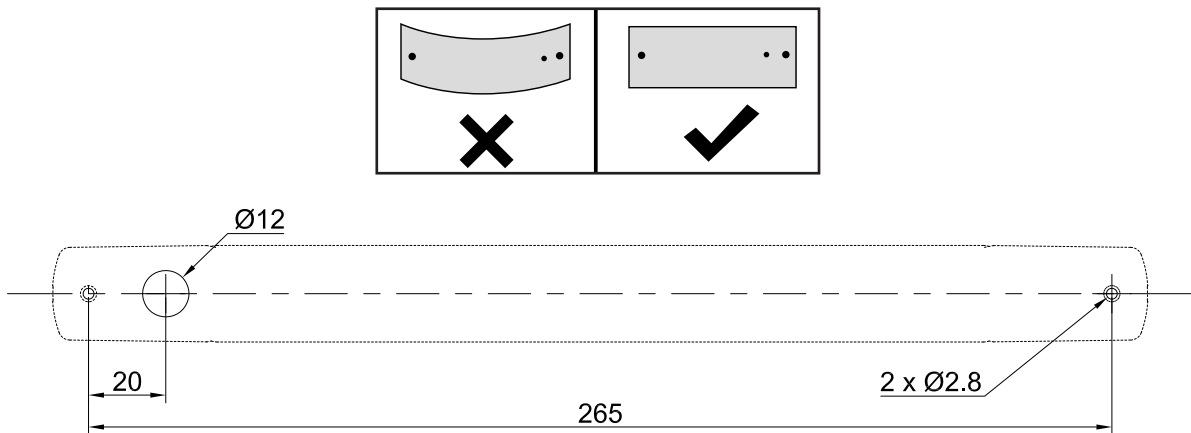
Following the launch of the first LED automotive signal lamps in 1990, **HELLA** Design and Innovation continues to set new standards. **HELLA** innovative solutions have been incorporated into millions of lamps, engineered and tested to the most stringent standards, to suit the most demanding environmental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

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