APPLICATION AND MOUNTING INSTRUCTIONS

30° LED SAFETY DAYLIGHTS™ - DRL KIT

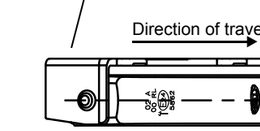
5631: 12V DC Only ***5631-24V: 24V DC Only***

Lens Marking and Installation Requirements

This lamp, identified by lens marking E24 5862 and the HELLA logo was manufactured to comply with ECE Regulation No. 87 for Daytime Running Lamps.

- The reference axis of the lamp must be parallel to the longitudinal axis of the vehicle (i.e. The 15° line marked on the bracket top should be perpendicular to the direction of travel).
- The centre line of the lamp module must be parallel to the ground.
- The arrow engraved on lens surface must always be pointing away from longitudinal axis of the vehicle.
- Lamp must be visible from 20° inboard and outboard, as well as from 10° above and below the horizontal axis.
- Lamps must be mounted no less than 250 mm and no more than 1500 mm above the ground.
- Lamps should not be mounted closer than 600 mm together (400 mm if vehicle width is less than 1300 mm).

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



Product Contents

Description	5631	5631-24V
30° LED Safety DayLight™ with 2.5 m cable	x2	x2
Mounting Bracket	x2	x2
Mounting Screw	x6	x6
5 Pin Change-over Relay	x1 (P/N 3080)	x1 (P/N 3081)
Application and Mounting Instructions	x1	x1

Hella-New Zealand Limited, Auckland.

958 780-19 V02

INSTRUCTION SHEET
for: **Part No. 5631 / 5631-24V**

Mounting Instructions

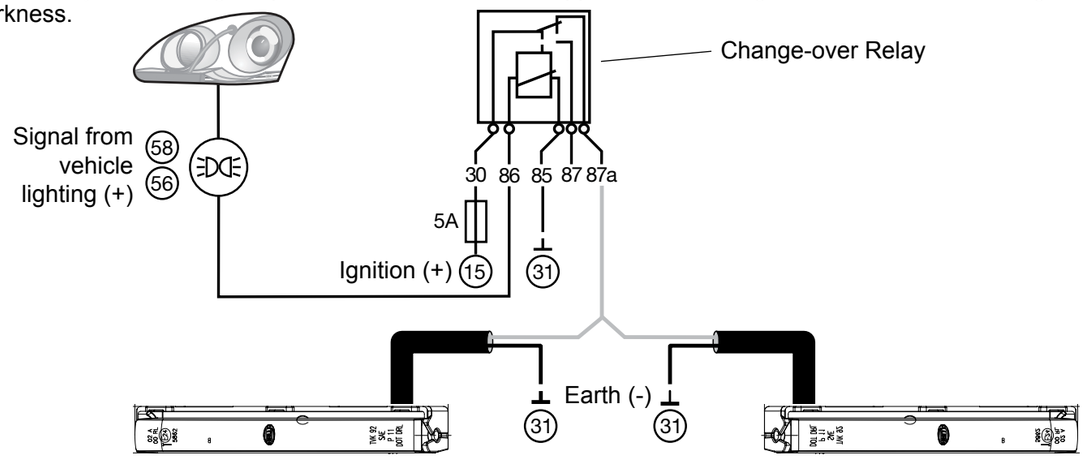
- Drill three Ø3 mm mounting holes through the desired mounting surface to allow fitment of each mounting bracket. Please note there are left and right hand side mounting brackets, see previous page for correct positioning or use the mounting brackets as templates.
- Tighten the mounting screws to secure the mounting bracket (Maximum torque 1.5Nm).
- Push the outer end of the lamp module into the hole at one end of the mounting bracket.
- Adjust the angle of the lamp module inside the mounting bracket so that its centre line is parallel with the ground.
- Push the inner end of the lamp module into the slot of the mounting bracket until it clicks into place.

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 (+)	2 watts

Note 1: Lamps and relay must be protected by a fuse rated at 5 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.



Warranty Statement

Congratulations! The product you have selected comes from Hella - one of the world's leading manufacturers of lighting products. The product comes with a 5 year warranty from end user purchase 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, replace or refund the purchase price of the product.

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.

This warranty does not cover:

1.) Claim/s as a result of normal wear and tear or of any modifications and / or alterations to the product in any shape or form.
2.) Claim/s as a result of non-compliance of the assembly, service and operating instructions and/or any unfit or improper use.
3.) 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 custservice@ha.hella.com, http://www.hella.com/produktion/HellaAU/WebSite/Channels/Company/Hella_Australia_Pty/Hella_Australia_Pty.jsp

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

NSAI Certification

ECE TYPE-APPROVAL CERTIFICATE

Communication concerning approval granted of a type of daytime running lamp pursuant to Regulation No. 87.

E24

Approval No: ***E24 87R-005862.*** Extension No: ***N/A.***

Reason(s) for extension: ***-N/A***

1. Trade name or mark of the device: ***HELLA***
2. Manufacturer's name for the type of device: ***2PT 980 850***

   Version(s): ***Relay Version - 12V***
   Relay Version - 24V
   Boost Version
3. Manufacturer's name and address: ***Hella New Zealand Limited,***
   81-83 Ben Lomond Crescent,
   Pakuranga, Auckland,
   New Zealand.
4. If applicable, name and address of manufacturer's representative: ***Hella KGaA Hueck & Co.,***
   Rixbecker Straße 75,
   D-59552 Lippstadt,
   Germany.
5. Submitted for approval on: ***15.07.2011.***
6. Technical service responsible for conducting approval tests: ***FAKT S.r.l,***
   Via Lithos, 53,
   I-25086 Rezzato (BS),
   Italy.
7. Date of test report issued by that service: ***09.08.2011.***
8. Number of report issued by that service: ***IT11/0806-00.***
9. Concise description:

   By category of lamp: ***RL.***
   Number, category and kind of light source(s): ***8, -, LED.***

Voltage and wattage:
Relay Version - 12V: 12V – 2.0W.
Relay Version - 24V: 24V – 2.0W.
Boost Version: constant current, 42mA – 1.1W (c.a. 24.0VDC).

Application of an electronic light source control gear:
-being part of the lamp (yes/no):
Relay Version - 12V: No.
Relay Version - 24V: No.
Boost Version: No.

-being not part of the lamp (yes/no):
Relay Version - 12V: No.
Relay Version - 24V: No.
Boost Version: Yes.

Input voltage supplied by an electronic light source control gear:
Relay Version - 12V: N/A.
Relay Version - 24V: N/A.
Boost Version: 42mA (c.a. 24.0VDC)

Electronic light source control gear manufacturer and identification number (when the light source control gear is part of the lamp but is not included into the lamp body): ***N/A.***

Geometrical conditions of installation and relating variations, if any: ***Reference axis parallel to the median longitudinal plane of the vehicle and parallel to the bearing plane of the vehicle on the road (see drawings of the information folder).***

10. Position of the approval mark: ***See drawings of the information folder.***
11. Reason(s) for extension (if applicable): ***N/A.***
12. Approval granted/~~extended/refused/withdrawn~~: ***Granted.***
13. Place: ***Dublin.***
14. Date: ***12th August, 2011.***
15. Signature:

NATIONAL STANDARDS AUTHORITY OF IRELAND
NSAI Certification
TRANSPORT DEPARTMENT

16. The following documents, bearing the approval number shown above, are available on request:
    - Technical report IT11/0806-00
    - Manufacturer's information document 11-0806-00

    Documentation: ***37 pages.***

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