



LED HIGH LEVEL BRAKE LIGHT

Lens Marking and Installation Requirements


ECE Regulation No. 7 Rear Position (side) / Stop Lamp (Category S3)

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



Product Contents

Hella-New Zealand Limited, Auckland



HELLA KGaA Hueck & Co.

Technical Description
Technische Beschreibung

HKG-LLK-Ke
31485
30.01.2015
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Type: 2DA 980 887

Typ:

HELLA KG&A Hueck & Co.

Mounting Instruction

Anbauanweisung

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Type:

2DA 980 887

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Belongs to approval no.: E24 0087

Genöt zu Gen.-Nr.:

Stop Lamp of cat. S3 for vehicles

Zusätzliche zentrale Bremsleuchte, Kat. S3 für Kraftfahrzeuge

Light source(s):

Leuchtquelle(n):

Stop Lamp: 10 LEDs

Bremsleuchte: 10 LEDs

Test voltage: 13.5 V or / oder 28 V

Prüfspannung:

Nominal voltage: 12 V or / oder 24 V

Nominal wattage: 3 W

Nennleistung:

□ = Centre of reference in accordance with the ECE-Regulation – No. 7.

Bezugspunkt nach den ECE-Regelung – Nr. 7.

✧ = Centre of reference for the definition for illuminating surface in accordance with the Council Directive 76/756 EEC or ECE-Regulation No. 48 (see Annex A).

Bezugspunkt zur Bestimmung der Grenzen der leuchtenden Fläche nach 76/756 EWG bzw. ECE-Regelung Nr. 48.

Markierung s. auf der Abschluss-Schleife. Maße s. Anlage A.

Axis of reference:

Parallel to the car centre line and parallel to the road.

Bezugsachse:

Parallel zur Fahrzeuglängsachse und parallel zur Fahrbahn.

The lamp can be used for horizontal or vertical flush- or surface mounting.

Die Leuchte darf für den horizontalen oder vertikalen Ein- oder Aufbau verwendet werden.

Permissible mounting installation position of the lamp, maintaining the reference axis horizontal:

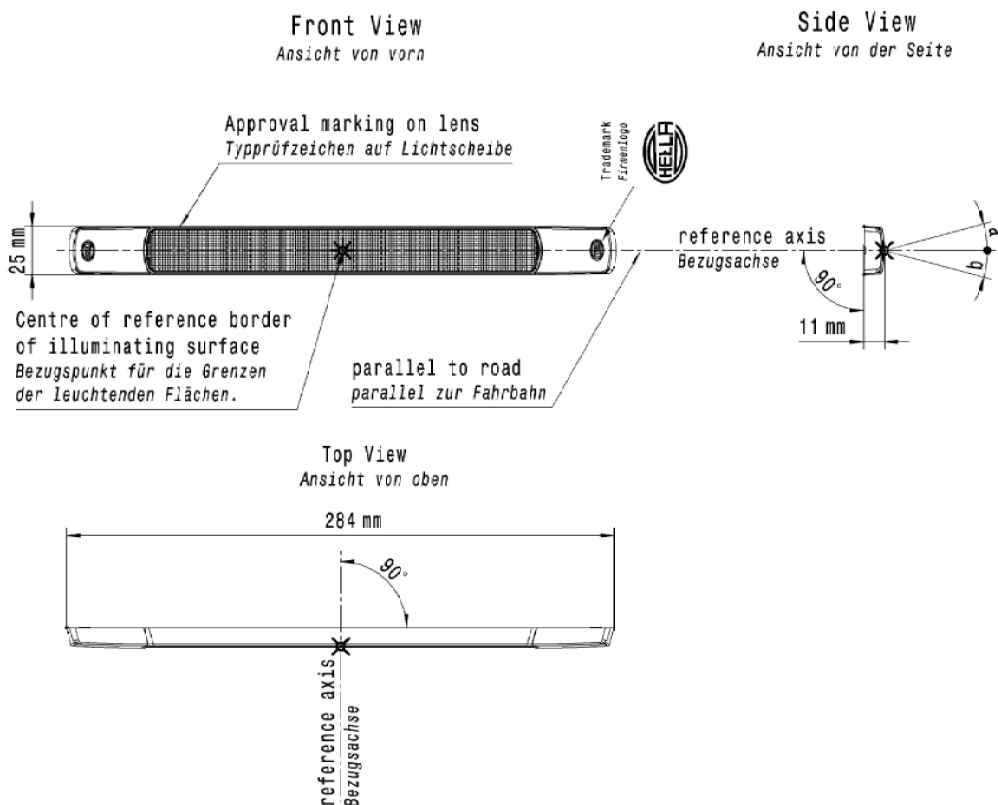
- a and b = 15°
- c and d = 12°

Zulässige Anbauposition der Leuchte, in Bezug auf der horizontalen Referenzachse:

- a and b = 15°
- c and d = 12°

The Lamp can be rotated 180° around the reference axis.

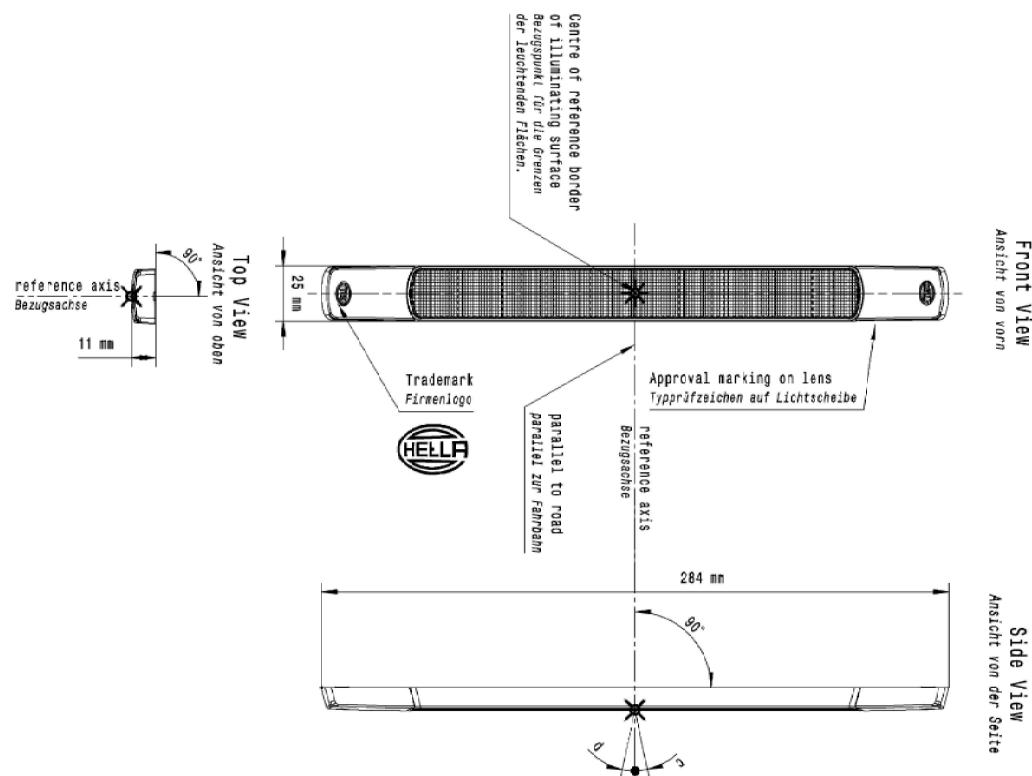
Das Leuchte darf auch 180° gedreht um die Bezugsachse angebaut werden.



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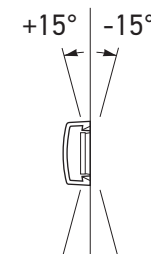
INSTRUCTION SHEET

for: **Part No. 2DA 980 887-xxx / 5245**

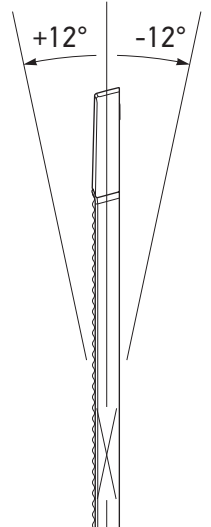


Mounting Tolerance

For horizontal orientation

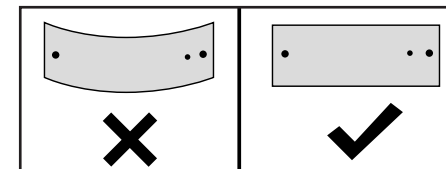


For vertical orientation



Mounting Instructions

- Lamp must be mounted 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 lamp. See previous page for correct positioning.
- If passing the cable through a hole, ensure there are no sharp edges to cut or chafe the cable. Alternatively, the cable can be routed through the end of the screw cap.
- 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
Black	Earth (-)	-
Red	Stop (+)	3 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

