

HELLA
HELLA KGaA Hueck & Co.

Technical description
Technische Beschreibung

Type: 2BA 980 888-AA
Type:

L-DL-FSCT Ke
986 31 465
21.01.2015

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HELLPA

Mounting instruction

Anbauanweisung

Type: 2BA 980 888-AA

Type:

Typ:


L-DL-FSC7 Ke

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Mounting instruction

Anbauanweisung

L-DL-FSCT Ke
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 21.01.2015

HELLA KGaA Hueck & Co.

Type: 2BA 980 888-AA

Typ:

Belongs to approval no.: E24 5869

Gehört zu Gen.-Nr.:

Front Direction Indicator Cat. 1 for Automobile

Vorderer Fahrtrichtungsanzeiger Kat. 1 für Kraftfahrzeuge

Light source(s): 10 LEDs

Light(s) (light):

Test voltage: 13.5 V or / oder 28.0 V

Prüfspannung:

Nominal voltage: 12 V or / oder 24 V

Nennspannung:

Nominal wattage: 3 W

Nennleistung:

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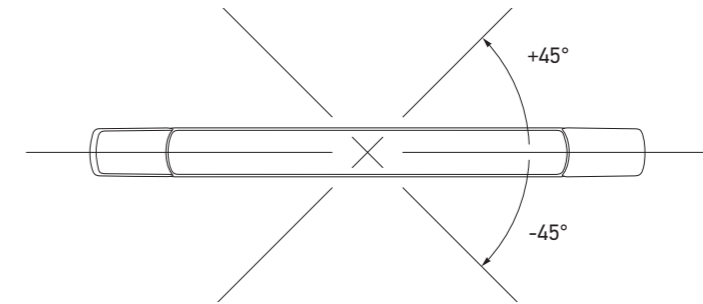


INSTRUCTION SHEET

for: **Part No. 2BA 980 888-xxx / 2109**

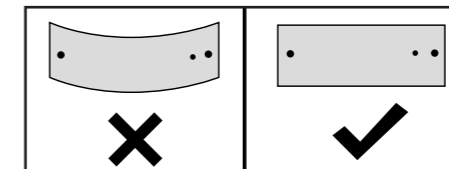
Mounting Tolerance

Horizontal mount: +/- 45° rotation around lamp (and vehicle) axis.



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	Front Direction Indicator (+)	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



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Front Direction Indicator Cat. 1 for Automobile

Vorderer Fahrtrichtungsanzeiger Kat. 1 für Kraftfahrzeuge

Permissible installation angles for $a = -45^\circ$ to $+45^\circ$
(rotation only within the same vertical plane around * possible)

Anbau zulässig für Installationswinkel $a = -45^\circ$ to $+45^\circ$; Drehung um * nur innerhalb der gleichen vertikalen Ebene zulässig

Mounting instruction

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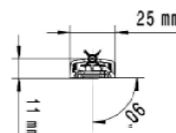
HELLA KG&A Hueck & Co.

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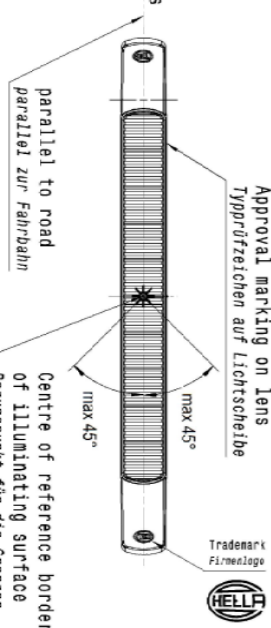
Front Direction Indicator Cat. 1 for Automobile

Vorderer Fahrtrichtungsanzeiger Kat. 1 für Kraftfahrzeuge

Side View
Ansicht von der Seite

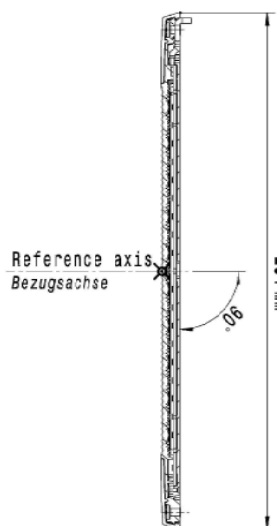


Reference axis
Bezugsachse



Front View
Ansicht von vorn

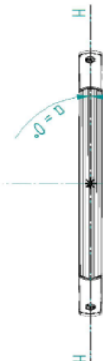
Top View
Ansicht von oben



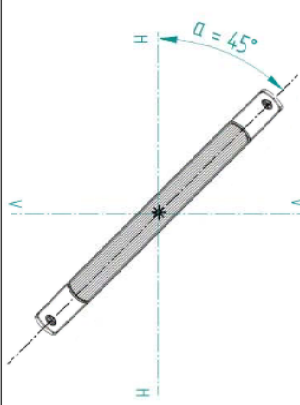
Reference axis
Bezugsachse

Examples Beispiele

$a=0^\circ$



$a=45^\circ$



$a=-45^\circ$

