



Daycan®

Daytime running light / position light



Daycan® i

Daytime running light / position light with indicator function

1 Instructions

Dear customer,

Many thanks for choosing this quality product by Kellermann. Please read these fitting instructions carefully and in full in order to achieve optimum product functionality. We look forward to hearing from you if you have any questions or comments. We would like to wish you a pleasant and safe journey at all times.

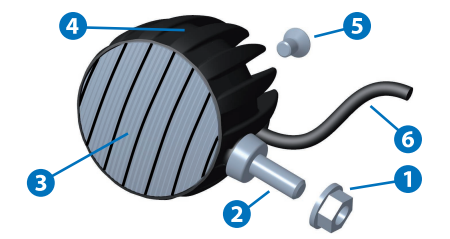
Your Kellermann team

2 Safety and legal notices

- Professional installation and electrical connection are required for the warranty.
- Have the product installed by a professional because there shall be no warranty entitlement in the event of a faulty connection or overvoltage (e.g. due to a defective alternator regulator).
- Before assembly, ensure that the vehicle is in a stable position and disconnect the battery to prevent injury and damage.
- Deviations from the installation recommended here may lead to the operating permit or insurance coverage becoming void or to accidents.
- For technical approval-related reasons, the light source is not allowed to be replaced.
- Each Kellermann product has ECE approval, which is imprinted on the glass.
- In the event of correct installation, neither entry in the vehicle documents nor presentation to a technical monitoring service is necessary. You do not need to carry any documents with you. This applies to all vehicles which comply with European law on lighting.
- Before each journey, check that the product is positioned correctly for safety reasons.
- The product heats up during operation. Avoid contact with bare skin or objects which are sensitive to heat.
- Do not look directly into the product when the light is shining.
- The product is only approved for use at the front.

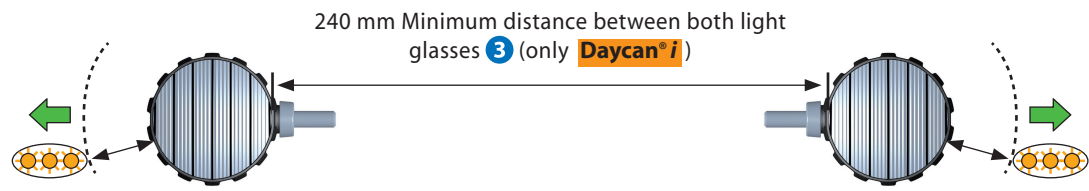
3 Overview of the components

- 1 Nut
- 2 Fastening thread M8x20
- 3 Light glass with linear diffusion lenses
- 4 Light body
- 5 Torx screw T30
- 6 Cable



4 Installation position

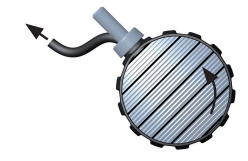
Distance between road and installation height	250 mm - 1500 mm
Daycan® i : Minimum distance between both light glasses 3	240 mm
Daycan® : Minimum distance between both light glasses 3	not specified
Daycan® : Minimum distance to built-in indicator	40 mm



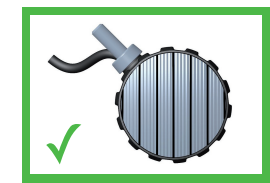
Minimum distance to indicator 40 mm (only Daycan®)

5 Daycan® i Installation on standard indicator fitting

1. Disassemble the built-in original indicator.
2. Remove the nut **1** from the fastening thread **2**.
3. Push the fastening thread M8x20 **2** through the standard indicator fitting on your vehicle.
4. Adjust the light body **4** such that the light glass **3** is pointing straight ahead and tighten the nut **1**.



In accordance with regulations, the lamp glass **3** must be vertical with its linear diffusion lenses. If this is not the case, adjust it as described.



5. Release the Torx screw T30 **5** with only one rotation.
6. Hold the light body **4** securely in place. By carefully pulling the cable **6**, turn the light glass **3** anti-clockwise until it is positioned vertically.
7. If you notice stronger resistance when pulling on the cable **6**, you can guide the cable **6** back into the light body **4** by pushing it. This will turn the light glass **3** in a clockwise direction.
8. If the light glass **3** with its linear diffusion lenses is positioned vertically, you should then tighten the Torx screw T30 **5** with 4 to 6Nm. This concludes the mechanical installation process.

6 Daycan® Installation on standard indicator

- You can also secure the **Daycan®** to a standard indicator fitting. The assembly process is the same as described above.
- However, you must mount the indicators somewhere else in this case. When doing so, note the minimum distance to the indicator of 40 mm in accordance with the table above.

7 Daycan® / Daycan® i Alternative installation positions

- You will find suitable accessories for other mounting solutions in our online shop.
- In principle, the assembly sequence remains the same.
- If you wish to use the **Daycan® i** indicator function, you must remove the existing indicator from your vehicle.

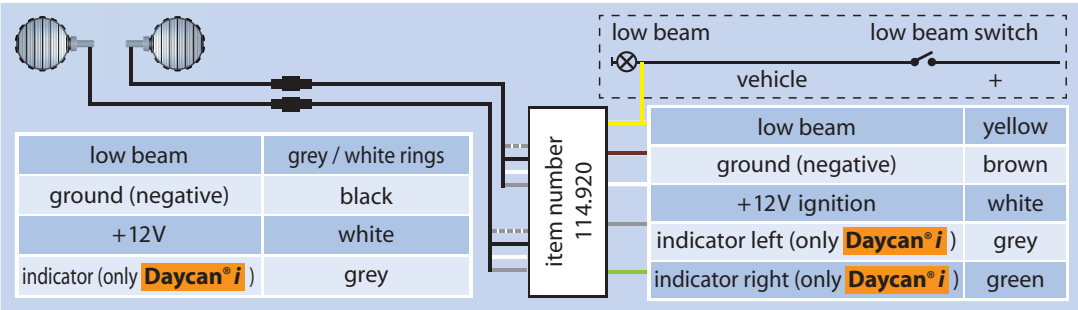
8 Daycan® / Daycan® i Electrical connection

- The electrical connection depends on how the low beam is activated on your vehicle. This is summarised in the table below.
- If you wish to extend the cabling, you must use a cable with a cross section of at least 0.5 mm².

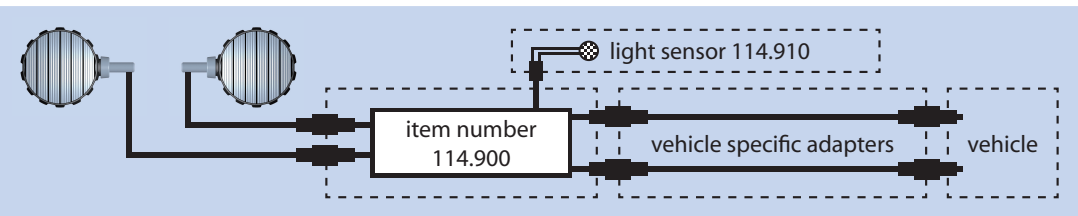
Light actuation on the vehicle		
Light switch	No light switch	Automatic light sensor
item number 114.920	item number 114.900 + light sensor 114.910	item number 114.900

9 Circuit diagram

- Circuit diagram for vehicles with light actuation by light switch.
- The connection of two **Daycan®** or **Daycan® i** is up to 5 amps. If the 12V ignition plus is not sufficient, you need a load relay that switches to 12V continuous plus.



- Circuit diagram for vehicles with built-in automatic light sensor.
- Vehicles where the low beam cannot be switched additionally require the light sensor 114.910.



10 Connection Daycan® i indicator function

- The product is designed for an operating voltage of 12V.
- This is the case for the vast majority of vehicles with halogen lights. 21W of electrical power is sufficient for connecting the product without additional accessories.
- If the original indicators on your vehicle use LED technology and operate at 12V, you will require the load relay i.SED V12 (item number: 123.967)
- For negative switched indicators, you can also use the load relay i.SED V12 (item number: 123.967)
- If your indicator operates with a voltage of 3 to 9V, you will require the load relay i.SED V6 (item number: 123.966)

Built-in indicator type	12 Volt, 21 Watt (Halogen)	12 Volt, 3 Watt (LED)	3 - 9 Volt
Accessory name / item number	no accessories required	i.SED V12 / 123.967	i.SED V6 / 123.966

11 Potential sources of error

- Flash frequency too high or fault indicator is illuminated on the dashboard -> the electrical resistance in the indicator cable must be changed.
- Indicator flashes in the wrong direction -> switch the connections of item number 114.920 or 114.900.

12 Notes on operation

- In order to reduce the load on your vehicle battery when the ignition is on, the product will initially illuminate in dimmed mode for approx. 10 seconds before lighting up in full brightness. Once the engine starts running, it will illuminate at full strength straight away.
- This Kellermann product features the tried-and-tested Long Life Protection Guard® wiring. In connection with the LED technology, this ensures it has a very long service life. Replacing the light source is thus not necessary, meaning that the product does not require maintenance.
- You only need a damp cloth to clean the product. We advise against using other cleaning products and aids.

13 Spare parts / accessories

In our online shop you will find spare parts and the matching range of accessories.

14 Help

We are constantly striving to further develop our products. If you have any comments or questions, please feel free to get in touch with us at any time by email or telephone.

Kellermann GmbH

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