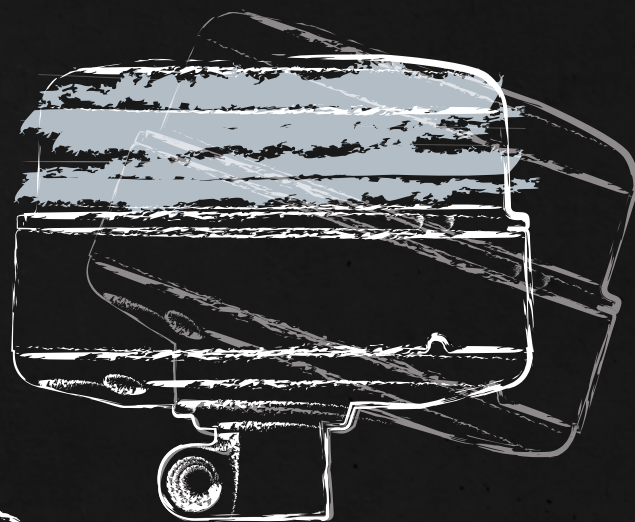
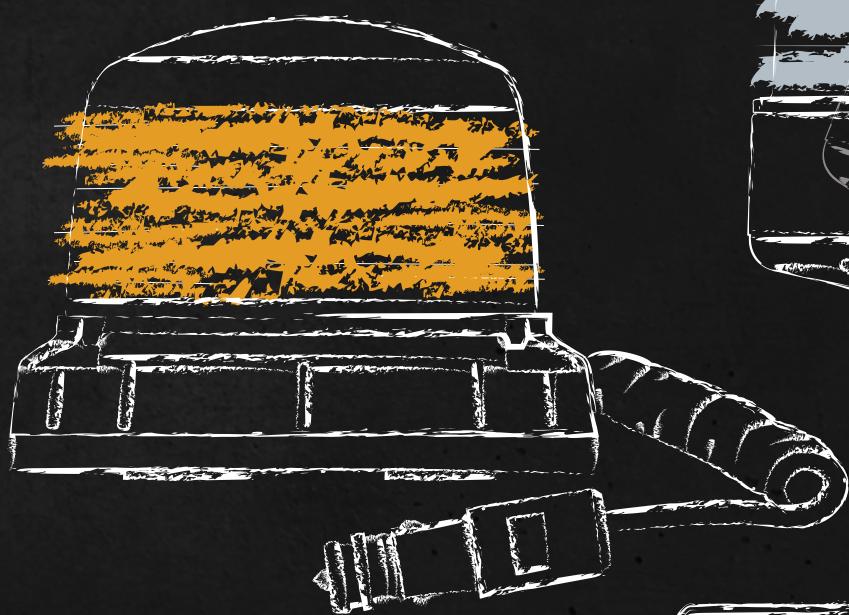




OVERVIEW OF MOUNTING VARIANTS FOR BEACONS



MOUNTING VARIANTS

HELLA offers three different mounting types for beacons: fixed attachment, attachment using a pipe socket and magnet mounting. This selection offers the matching solution for each application purpose and the corresponding ambient conditions.

Illustration of our mounting types using the K-LED Rebelution design beacon as an example:



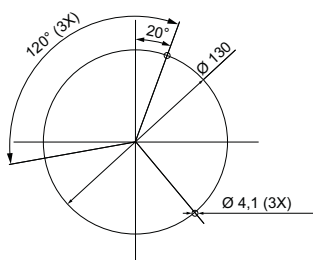
- 1 Fixed attachment
- 2 Flexible or rigid fixing to pipe socket
- 3 Magnet mounting



Visit the HELLA websites for more information about K-LED Rebelution and our other beacons.



FIXED ATTACHMENT



PRACTICAL SCREW ATTACHMENT POINTS

Almost all HELLA beacons are at the same distance and feature the same number of screw attachment points (pitch-circle diameter: 130 mm). Consequently, it is no problem to simply exchange or replace them with a new beacon model. Halogen and LED lighting technology models also feature the same attachment points. As a result, it is very easy to replace a halogen beacon that was purchased for fixed installation by a permanently installed LED beacon.

HIGH-GRADE MATERIALS

HELLA beacons' housings consist of high-grade, corrosion-resistant materials. The plastic materials used, such as polycarbonate and PC / ABS, are particularly impact and heat-resistant. We also use elastic rubber materials, such as the synthetic rubber EPDM. We always focus on quality and durability when selecting and processing materials. For instance, our aluminium housings are made particularly long-lasting and durable thanks to surface passivation and subsequent powder-coating. Rubber parts absorb vibrations and minimise damage to the beacon in the event of shocks or impacts.



PIPE SOCKET MOUNTING

SUITABLE FOR DIN PIPES

Different vehicle roof shapes, attachments or restricted installation spaces do not always permit fixed beacon installations. The beacon must be adequately visible to achieve the statutory 360° warning effect. Angled pipes are suitable for this purpose, e.g. variants that are attached to the side of the vehicle to make sure that the beacon protrudes from the vehicle roof and is easily visible from all sides. Our beacons with pipe socket fixing are suitable for pipe diameters of 24 mm and thus perfect for widely used DIN pipes. You can also purchase these from HELLA as accessories in different variants.

Accessories



Socket pipe to weld on, straight, height 100 mm

1-pin, **8HG 002 365-001**
2-pin, **8HG 006 294-101**



Socket extension pipe to screw on, straight, with base, height 126 mm

1-pin, **8HG 006 294-011**
2-pin, **on request**



Socket extension pipe to screw on, adjustable, with base, height 105 mm

1-pin, **8HG 006 294-031**
2-pin, **8HG 006 294-141**



Socket extension pipe with screw attachment, height 100 mm

1-pin, **8HG 006 294-051**
2-pin, **8HG 006 294-091**



Socket extension pipe to screw on, angled, with base, clearance 50 mm, height 100 mm

1-pin, **8HG 006 294-111**
2-pin, **on request**



Socket extension pipe to screw on, angled, with base, clearance 90 mm, height 100 mm

1-pin, **8HG 006 294-021**
2-pin, **on request**



Socket extension pipe to screw on, angled, with base, clearance 120 mm, height 105 mm

1-pin, **8HG 006 294-171**



Socket extension pipe to screw on, mounting on the rear of the cab, with telescopic holder, height 700–1,000 mm

1-pin, **8HG 006 294-041**
2-pin, **on request**



Pipe socket adapter

For K-LED 1.2 and 2.0: **8HG 005 436-041**
For RotaLED Compact: **8HG 223 805-001**
For K-LED Blizzard and K-LED Rebelion: **8HG 863 302-021**



EASY TO REMOVE

Once installed on the pipe, the beacon is reliably fixed in the desired position. Simply position and secure the beacon for pipe socket on the pipe. However, this mounting variant also provides the option to easily remove the beacon again. If the vehicle is normally not overly wide or long, it must not feature a beacon. However, the German highway code (StVZO) stipulates a beacon upon attaching a trailer to the vehicle and exceeding normal length. With the pipe socket variant users can consequently decide on a case-to-case basis and quickly install or remove the beacon. Pipe socket adapters are also available retrospectively as accessories for our beacons' fixed attachment variants.



FLEXIBLE PIPE SOCKET MOUNTING

A flexible pipe socket variant, offering additional benefits, is also available for selected beacons. In the event of collisions, such as impacts with branches, the housing deforms by up to 45° only to then return to its original position. This prevents damage to beacons. We use weatherproof, elastic EPDM rubber material to guarantee this function as the material is also resistant to contact with chemicals. The figure shows the flexible pipe socket adapter using the RotaLED Compact and K-LED Reblution beacons as examples. Additional beacons with flexible pipe socket fixing have been listed on page 7 of the product overview.

MAGNET MOUNTING



SLIM DESIGN, HIGH DEGREE OF RETAINING FORCE

The slim shape of the magnetic adapter hardly adds to the height and is supplemented by a rubber sheath to guarantee scratch resistance and protect the vehicle's roof. Our high-performance neodymium magnets boast a very high retention force and, depending on the beacon, can be used up to a top speed of 200 km/h*. This retention force is available within an ample temperature range between -20°C to +60°C.

OUTSTANDING ANTI-SLIP CHARACTERISTICS

The rubber material used is particularly soft, thus creating a sufficient resistance and lending magnets a particularly high anti-slip resistance. As a result, the vehicle's paintwork is well protected from scratches and the magnet sheath copes perfectly even in tough weather conditions and low temperatures as well as when exposed to UV radiation.











QUALITY MADE IN GERMANY

The high-performance magnets used as an attachment option for our beacons are produced in Germany. They are produced in line with REACH and RoHS to thus take into account the restricted use of certain hazardous substances in electrical and electronic devices. Quality you can rely on!

* For instance, applies to the K-LED 2.0 magnet version, however, please note the information about the corresponding beacon.

MOUNTING VARIANTS PER BEACON

Refer to the following table to check which mounting variant is available for which beacon. Visit our websites or contact our Sales department for more information about the products and their part numbers.

Product image	Description	Fixed attachment	Pipe-socket mounting		Magnet mounting
			Fixed	Flexible	
	RotaLED Compact	X		X	X Up to 120 km/h
	Rota LED	X		X	X Up to 120 km/h
	K-LED Rebelution	X		X	X Up to 120 km/h
	K-LED Blizzard	X		X	X Up to 120 km/h
	KL 7000 LED	X	X		X Up to 120 km/h
	K-LED 1.2	X	X		X Up to 120 km/h
	K-LED 2.0	X	X		X Up to 200 km/h
	KL 7000	X	X		X Up to 200 km/h
	Rotafix/Rotaflex	X		X	X Up to 180 km/h
	Rota Compact	X		X	X Up to 80 km/h

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Subject to technical and price modifications.