

LED-BEACONS

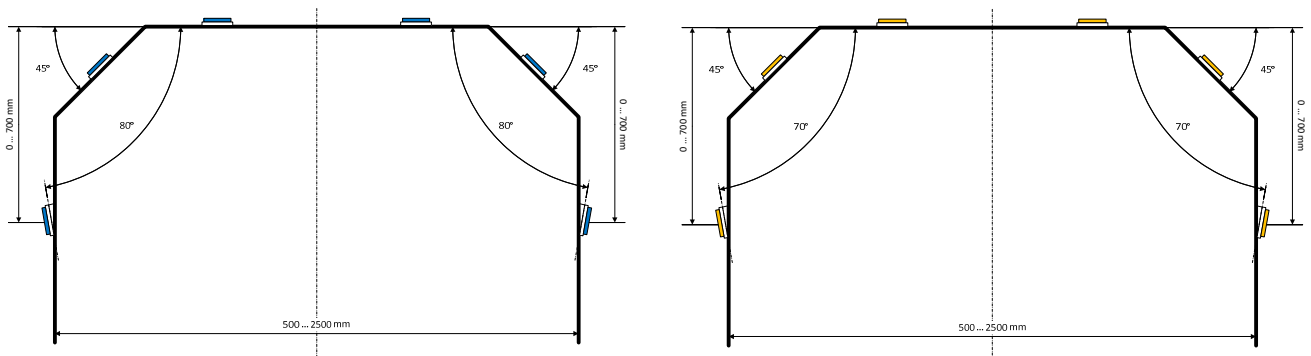
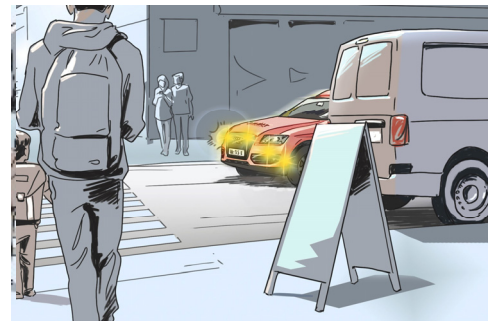
Half-Beacon - Kreuzungsblitz® KBx HTA2/HTB1

The half-beacon Kreuzungsblitz® is used to warn road users when the vehicle is driving out of an area that is difficult to see, e.g. intersection areas where the side view of other road users is not given or restricted, gate exits, covered access routes, etc.

The half beacon enables road users to perceive emergency vehicles as quickly as possible, despite temporarily restricted visibility of the main beacon. Early awareness reduces the risk of accidents and in situations involving road users with emergency services, especially in urban traffic areas.

Product features:

- Half beacon integrated in the bumper / radiator grille, approved according to ECE R65 HTB-1 or HTA-2.
- The impact protection remains unaffected by the embedded LED modules.
- A total of 4 different basic variants ensure that they can be installed on every type of vehicle.
- The basic variants differ in the front-facing LED modules
- Possible equipment variants: L88, L54, L52, L52 vertical
- Corresponding vehicle-specific brackets are available separately



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Halbe Kennleuchte - Kreuzungsblitz KBx HTA2/HTB1

We offer tailor-made mounting systems and suitable drilling templates for the following vehicle types:

- **MB Sprinter ab 2018**
(possible colors of the recessed shells: white or black)
- **VW Crafter**
(possible colors of the recessed shells: white or black)
- **MB Vito ab 2014**
(possible colors of the built-in shells: silver, white or black)
- **Ford S-MAX**
(possible colors of the built-in shells: silver or black)
- **Further mounting systems for series on request**



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If you cannot find a suitable installation location for your vehicle type and the 10 ° universal shells to achieve the required beam angle, please contact our sales force.

Basically, we can manufacture the trays for you from 0 ° - 20 ° using the 3-D printing process.

In addition, we can also use many shells from our vehicle-specific offers for other vehicle types. Our field service will be happy to help you with the planning.

ARTICLE NUMBER	DESCRIPTION
50148490010	KB1-HTB1 (6x L88), universal, black
50148490011	KB1-HTB1 (6x L88), universal, white
50148490020	KB2-HTB1 (4x L88 + 2x L54), universal, black
50148490021	KB2-HTB1 (4x L88 + 2x L54), universal, white
50148490050	KB2-HTB1 (4x L88 + 2x L52v), universal, white
50148490051	KB2-HTB1 (4x L88 + 2x L52h), universal, white
50148490052	KB2-HTB1 (4x L88 + 2x L52v), universal, black
50148490054	KB2-HTB1 (4x L88 + 2x L52h), universal, black
50148490055	KB2-HTB1 (4x L88 + 2x L54), universal, black
50148490056	KB2-HTB1 (6x L88), universal, black
50148490080	KB2-HTB1 (6x L88), truck, universal, black
50148491010	KB1-HTA2 (6x L88), universal
50148491020	KB2-HTA2 (4x L88 + 2x L54), universal, black
50148491030	KB3-HTA2 (6x L88), Sprinter 907, black
50148491040	KB4-HTA2 (4x L88 + 2x L54), Sprinter 907, black
50148491041	KB4-HTA2 (4x L88 + 2x L54), Vito 2014 black
50148491050	KB5-HTA2 (4x L88 + 2x L54), VW Crafter 7C, black

ARTICLE NUMBER	DESCRIPTION
50148490042	KB1-HTB1 (6x L88) Sprinter 2018, black
50148490061	KB1-HTB1 (6x L88) VW-T6.1, black
50148490041	KB2-HTB1 (4x L88 + 2x L54) Sprinter 2018, black
50148490043	KB2-HTB1 (4x L88 + 2x L54), Ford S-Max, silver
50148490044	KB2-HTB1 (4x L88 + 2x L54), Ford S-Max, black
50148490045	KB2-HTB1 (4x L88 + 2x L54), Vito, black
50148490046	KB2-HTB1 (4x L88 + 2x L54), VW Crafter 7C, black
50148490047	KB2-HTB1 (4x L88 + 2x L54), VW Crafter 7C, white
50148490048	KB2-HTB1 (4x L88 + 2x L54), Vito, white
50148490049	KB2-HTB1 (4x L88 + 2x L54) Sprinter 2018, white
50148490059	KB2-HTB1 (4x L88 + 2x L54) VW-T6.1, black
50148490063	KB2-HTB1 (4x L88 + 2x L54), Touareg
50148490064	KB2-HTB1 (6x L88) Sprinter 2018, white
50148490065	KB2-HTB1 (6x L88) Ford Transit V363, black
50148490066	KB2-HTB1 (4x L88 + 2x L54) Ford Transit V363, black
50148490067	KB2-HTB1 (6x L88) Iveco Daily, black
50148490068	KB2-HTB1 (4x L88 + 2x L54), VW Tiguan

TECHNICAL DATA				
colour	blue / amber	blue / amber	blue	blue
variant	6x L88	4x L88 + 2x L54	4x L88 + 2x L52	4x L88 + 2x L52 vert.
nominal voltage	12 / 24 V _{DC}	12 / 24 V _{DC}	12 / 24 V _{DC}	12 / 24 V _{DC}
operating voltage	10 ... 30 V _{DC}	10 ... 30 V _{DC}	10 ... 30 V _{DC}	10 ... 30 V _{DC}
current consumption	at 12V: 2.5 A at 24V: 1.3 A I _{PEAK} : < 8.5 A	at 12V: 2.5 A at 24V: 1.3 A I _{PEAK} : < 8.5 A	at 12V: 2.5 A at 24V: 1.3 A I _{PEAK} : < 8.5 A	at 12V: 2.5 A at 24V: 1.3 A I _{PEAK} : < 8.5 A
flashing frequency	2.1 Hz	2.1 Hz	2.1 Hz	2.1 Hz
mounting	built in - L88 Mounting bracket for installation in the radiator grille is available separately	built in - L54 without bracket, vehicle-specific brackets are available separately - L88 Mounting bracket for installation in the radiator grille is available separately	built in - L88 Mounting bracket for installation in the radiator grille is available separately	built in - L88 Mounting bracket for installation in the radiator grille is available separately
dimensions	L88: flashing module: Ø29.0 x 24.1 mm driver: 80.0 x 14.3 x 27.0 mm	L88: flashing module: Ø29.0 x 24.1 mm driver: 80.0 x 14.3 x 27.0 mm L54: flashing module: 85.0 x 36.0 x 15.0 mm driver: 80.0 x 14.3 x 27.0 mm	L88: flashing module: Ø29.0 x 24.1 mm driver: 80.0 x 14.3 x 27.0 mm L52: flashing module: 113 x 28 x 9 mm	L88: flashing module: Ø29.0 x 24.1 mm driver: 80.0 x 14.3 x 27.0 mm L52: flashing module: 113 x 28 x 9 mm
approvals	E5-00059 (blue) (acc. ECE R65 HTB1) E5-0074 (amber) (acc. ECE R65 HTA2)	E5-00059 (blue) (acc. ECE R65 HTB1) E5-0074 (amber) (acc. ECE R65 HTA2)	E5-0079 (acc. ECE R65 HTB1)	E5-0079 (acc. ECE R65 HTB1)