



To the product video

BRIEF INFORMATION

K-LED Rebelution

- › Design beacon that impresses both technically and visually
- › Legally protected design
- › Innovative light exit area

PRODUCT FEATURES

The K-LED Rebelution is a true innovation in the warning lights sector, with the LED technology used setting new standards. This new development combines maximum performance with minimalist design, as the beacon manages without the classical dome. Instead, the light is visible through a circumferential, ring-shaped light band. Despite this minimal light exit area, the beacon emits a clearly visible warning signal and complies in addition to the European directive ECE-R65 also with the US directive SAE J845 for use on public roads.

Its discreet futuristic design also allows the light to blend in perfectly with the appearance of the vehicle. It revolutionises the beacon market, not only in terms of technology but also style, and lives up to the maintenance-free "Fit & Forget" approach. The LED technology, materials used here and the design ensure an extensive service life while guaranteeing long-term functional reliability. Further advantages are protection against water and dust, as well as outstanding electromagnetic compatibility (EMC). On request, it is also possible to incorporate your own logo and customise the colour of the housing.



The colour and logo of the K-LED Rebelution can be individually customised on request. This example shows a colour variant in white. The minimum purchase quantities for an individualization vary depending on the scope. If you are interested, we will be happy to advise you.



Rotating lighting function

The specially developed LED technology of the K-LED Rebelution enables a permanently visible warning signal to be produced for the first time when the lighting function is rotating, as well as an even stronger circulating signal. The rotating light creates a 360° warning effect without dazzle. It is particularly suitable for use in urban areas and for continuous operation on building sites and allows hazardous situations to be detected in good time.



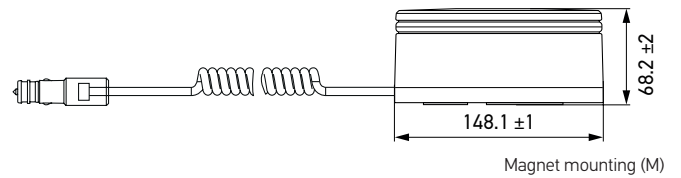
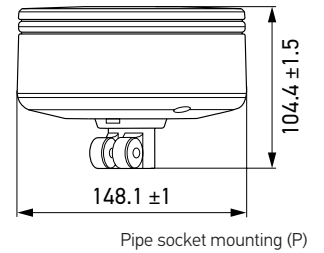
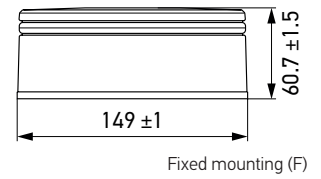
Flashing lighting function

The flashing variant of the K-LED Rebelution generates an unmistakable double-flash signal. This produces an attention-grabbing 360° warning effect and is especially suitable for use at high speeds. The intense flashing signal is also noticed outside the direct line of sight, i.e. in the peripheral field of vision, so guaranteeing an early warning of danger.




TECHNICAL DETAILS

Technical data	
Operating voltage range	Multi-voltage (10–32 V)
Rated voltage	12 V and 24 V
Current consumption	Rotating: 1.08 A (12 V), 0.54 A (24 V) Flashing: 3.16 A (12 V), 1.58 A (24 V)
Power consumption	Rotating: max. 13 W Flashing: max. 38 W
Light function	Rotating or flashing
Light source	LED
Material	Housing: aluminium Light ring: polycarbonate
Weight	690 g incl. rubber base (F) 985 g (FL) 1,063 g (M)
Temperature range	-40°C to +60°C
Protection class	IP 6K7, IP 6K9K
Approved	ECE-R10, ECE-R65 TA1, ADR / GGVSEB
Compliant	RCM, SAE J845 Class 2, Rotating: CISPR 25 Class 3 Flashing: CISPR 25 Class 5
Protection	Polarity reversal protection, overvoltage protection
Mounting	Upright
Connection	150 mm cable with flat connector (F) 600 mm spiral cable, not pulled out (M)

Dimensional sketch













PROGRAM OVERVIEW

Product image	Description	Part number	VPE*
	K-LED Rebelution, fixed mounting, flashing	2XD 455 255-001	1
		2XD 455 255-007	12
	K-LED Rebelution, fixed mounting, rotating	2RL 455 256-001	1
		2RL 455 256-007	12
	K-LED Rebelution, pipe socket mounting (P), flashing	2XD 455 255-011	1
		2XD 455 255-017	12
	K-LED Rebelution, pipe socket mounting (P), rotating	2RL 455 256-011	1
		2RL 455 256-017	12
	K-LED Rebelution, magnet mounting (M), flashing	2XD 455 255-021	1
		2XD 455 255-027	6
	K-LED Rebelution, magnet mounting (M), rotating	2RL 455 256-021	1
		2RL 455 256-027	6

* Packaging unit

ACCESSORIES

Product image	Description	Part number
	Rubber base K-LED Rebelution	8HG 863 302-021
	Latching changeover switch, 2-pin, 1-stage	12 V, 6FH 353 100-031 24 V, 6FH 353 100-191
	Support pipe to be welded on, straight, 100 mm long	1-pin 8HG 002 365-001 2-pin 8HG 006 294-101
	Support pipe with base to be screwed on, total height 126 mm	1-pin 8HG 006 294-011 2-pin available on request
	Support pipe, angled, with base plate for bolting on the side, clearance 90 mm, height 100 mm	1-pin 8HG 006 294-021 2-pin 8HG 006 294-221
	Support pipe, angled, with base plate for bolting on the side, clearance 120 mm, height 105 mm	1-pin 8HG 006 294-171
	Support pipe, angled, with base plate for bolting on the side, clearance 50 mm, height 100 mm	1-pin 8HG 006 294-111 2-pin available on request
	Support pipe, pivoting, height ca. 105 mm	1-pin 8HG 006 294-031 2-pin 8HG 006 294-141
	Support pipe with screw attachment, height ca. 100 mm	1-pin 8HG 006 294-051 2-pin 8HG 006 294-091
	Support pipe with 2 screw holes for mounting on the back of the cab, with telescopic bracket, total height ca. 1,000 mm, can be displaced by up to 700 mm	1-pin 8HG 006 294-041 2-pin available on request