



## BRIEF INFORMATION

### K-LED 2.0 Beacon

- › Compact and sturdy design
- › Flashing and rotating signal in one product
- › Automatic switch between day and night mode

## PRODUCT FEATURES

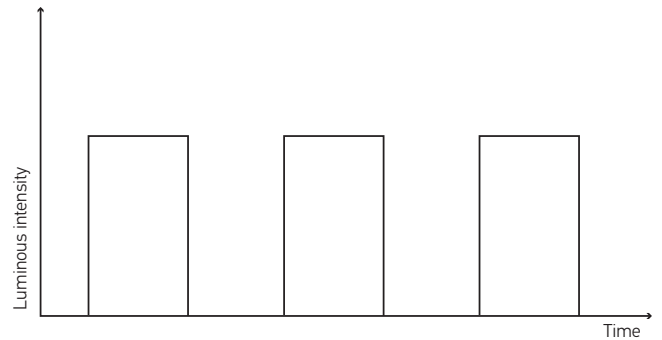
The K-LED 2.0 can be switched between a rotating and flashing warning signal using a switch or programming. A sensor measures the ambient brightness and controls the changeover between day-time/night-time levels by means of the measured values. This guarantees you the greatest warning effectiveness. The beacon has been developed without any moving parts and is therefore optimally protected against strong vibrations and shocks. As a result, it features a long service life.

The extremely flat, shock-resistant dome made of polycarbonate guarantees particularly reliable protection against impacts (e.g. from branches). The housing is passivated and then powder-coated, which provides high-quality corrosion protection. In addition to approvals under ECE-R65, ECE-R10, and SAE class 1, the beacon has been homologated under ICAO for use at airports, and under the regulations governing the Carriage of Dangerous Goods by Road (ADR / GGVSEB) for dangerous goods transport.

# PRODUCT BENEFITS

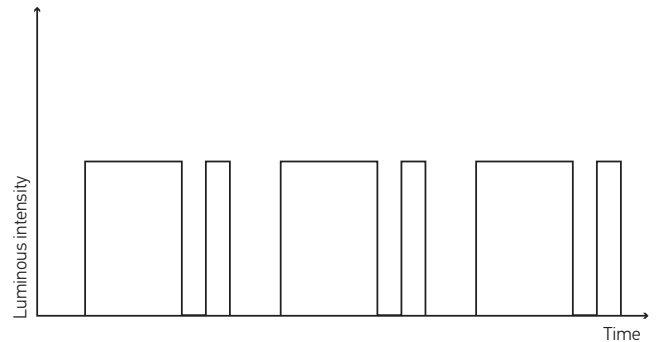
- Automatic day-time/night-time level: sensor measures the ambient brightness and controls the changeover between day-time/night-time levels by means of the measured values. This provides an optimum warning signal during the day and does not dazzle anyone at night.
- Signal: rotating/flashing. With fixed attachment, you can choose between the switch or programming.
- Intelligent and powerful electronics: programmable for a wide range of flashing sequences or changeover to rotating function, multi-voltage function.
- Operational safety by means of 12 / 24 V polarity reversal and overvoltage protection.
- Ideal for permanent use, thanks to low current consumption.
- Ideal light output and focusing through the use of a special reflector and 20 high-power LEDs.
- Very robust and vibration-resistant: no moving parts, extremely flat design and impact-resistant dome.
- High-quality corrosion protection: special finishing and coating on the housing. This provides a high degree of protection against aggressive media such as salt and lyes.
- Cooling fins for an optimum thermal management to ensure the long design life.
- Can be mounted from below on hole circle Ø 130 mm, and from below and above on hole circle Ø 150 mm.

## Rotating light function



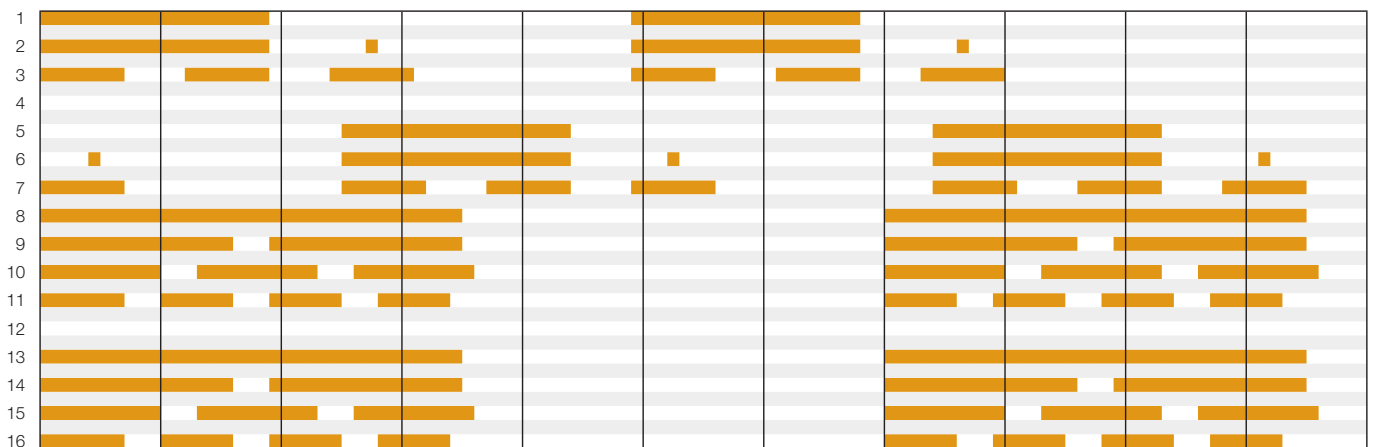
Homogenous illumination with rapid increase in the light values, signal is clearly visible.

## Flashing function



Intensive perception thanks to double-flash signal, 360° warning effect, rapid increase in light values, signal is clearly visible.

## 16 different warning signals



4 and 12 = rotating warning signals

Orange = on

White = off

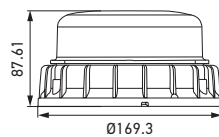
Perfect for:



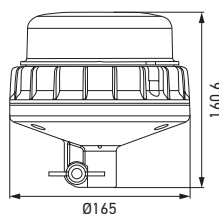
# TECHNICAL DETAILS

Technical data	
Operating voltage range	Multi-voltage (10–32 V)
Rated voltage	12 and 24 V
Current consumption	0.45 A to 2.5 A
Power consumption	approx. 30 W
Light function	Rotating and flashing
Light source	LED
Material	Dome: polycarbonate
Temperature range	-40 °C to +60 °C
Protection class	IP 67, IP X9K
Approved	ADR / GGVSEB, ICAO (Airport Variante), ECE-R10, ECE-R65 TA1 (rotating, amber), ECE-R65 TB1 (rotating, blue), ECE-R65 TR1 (rotating, red), ECE-R65 TA2 (flashing, amber), ECE-R65 TB2 (flashing, blue)
Compliant	SAE J845 class 1, CISPR 25 class 5
Protection	Polarity reversal protection
Mounting	Upright From below, Ø 130 mm From below and above, Ø 150 mm

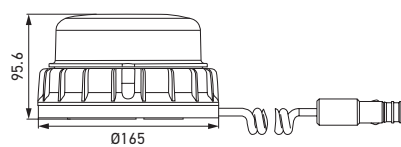
## Dimensional sketch



Fixed attachment



Pipe socket mounting



Magnet mounting

# APPLICATION EXAMPLE




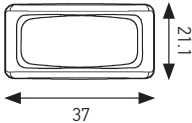

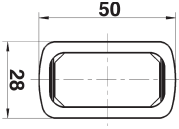
For more information:  
[www.hella.com/municipal](http://www.hella.com/municipal)

# PROGRAM OVERVIEW

Product picture	Type of mounting	Light colour	Housing colour	Light function	Part number		
	Fixed attachment	Yellow	Gray	Rotating and flashing	2XD 011 557-101		
		Yellow	Black		2XD 011 557-841		
		Blue	Gray		2XD 011 557-111		
				Red	Gray		2XD 011 557-121*
				Green	Gray		2XD 011 557-131*
				Yellow	Gray	Rotating and flashing, airport version	2XD 011 557-701
				Red	Gray		On request
	Pipe socket mounting	Yellow	Gray	Rotating and flashing	2XD 011 557-201		
		Yellow	Black		2XD 011 557-811		
		Blue	Gray		2XD 011 557-211		
		Red	Gray		2XD 011 557-221*		
		Green	Gray		Available on request*		
	Magnet mounting	Yellow	Gray	Rotating and flashing	2XD 011 557-301		
		Blue	Gray		2XD 011 557-311		
		Red	Gray		2XD 011 557-321*		
		Green	Gray		Available on request*		

\* No ECE approval – use as far as permitted by legislation. Not approved for public road traffic in the Federal Republic of Germany, Austria, and Switzerland.

# ACCESSORIES

Product picture	Dimensional sketch	Description	Part number
		Switch series 3100, 12 V	6FH 353 100-321
		Switch series 3100, 24 V	6FH 353 100-331
		Changeover switch with zero position, 12 V	Available on request
		Changeover switch with zero position, 24 V	Available on request