● **Efficient**　　● **Powerful**　　● **Flexible**　　● **Long-lasting**

Our versatile LED beacons can be used for every application. A variety of mounting options and sizes allow mounting on any kind of vehicle. Long-lasting, low power consumption and high electromagnetic compatibility characterise our LED beacons.

Size comparison

| COMET S | COMET | SATURN | NOVA | MOVIA - SL |

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Overview of options

Whether fix mounting, tube mounting or magnetic fixing - the various versions of the LED beacon COMET S offer a solution for every requirement. Our COMET S has an impressively extra flat and modern design. Maximum light intensity (Class II homologation) and a fully lighted lamp dome ensure the best possible visibility and warning effect.
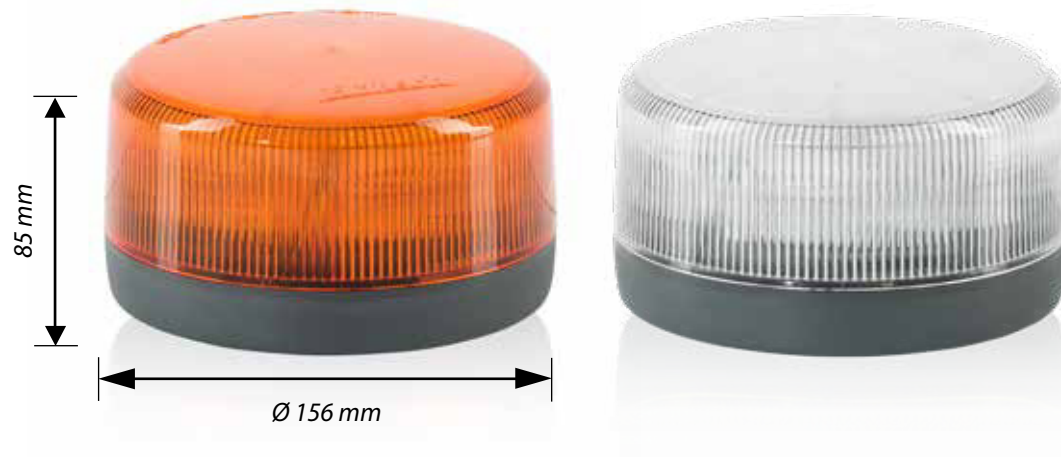
Fix mounting   **Magnetic fixing**   **Tube mounting**

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Fix mounting

85 mm

Ø 156 mm

Also available with examination in accordance with ICAO type C. Further information can be found on page 61.

PRODUCT FEATURES:
- Fix mounting in accordance with DIN 14620, form B1
- Various homologated flash patterns integrated
- Two rows of LEDs provide full-area illumination
- Class II homologation
- Options:
    - Day/night switching (via cable) for version with amber lamp dome
    - Day/night switching (automatic) for version with amber lamp dome
    - Convoy travel
    - Function monitoring
    - Analogue or CAN447 option
    - Also available with clear lamp dome
    - Soft light signal (night) possible
- Colours: also available in blue, red and green

Technical data:	
Designation:	COMET S
Voltage:	9-32V multi voltage
Flash frequency:	> 2 Hz
Average power consumption:	12 V: 1.3 A / 24 V: 0.7 A
Material:	Lamp dome: PC / socket: ASA
Type of protection:	IP5K4K/IPX9K
Homologation: (Germany and international)	
Light in accordance with ECE-R65:	TA2 (E1) 00 4426/ TA1 (E1) 00 4591
EMC in accordance with ECE-R10:	(E1) 10R-05 7965

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COMET S

Magnetic fixing

95 mm

Ø 156 mm

Universal plug

Tube mounting

172 mm

Ø 156 mm

PRODUCT FEATURES:
- With spiral cable and triple magnetic fixing
- Optimum bonding even on curved vehicle roofs
- Rubber-coated magnets to protect paintwork from scratches
- Tested at up to 250 km/h
- Analogue control
- Various homologated flash patterns integrated
- Two rows of LEDs provide full-area illumination
- Options:
     - Day/night switching (automatic) for version with amber lamp dome
     - Also available with clear lamp dome
     - Soft light signal (night) possible
- Colours: also available in blue and red

PRODUCT FEATURES:
- For fitting on a mounting tube in accordance with DIN 14620
- Impact-resistant housing base
- Various homologated flash patterns integrated
- Two rows of LEDs provide full-area illumination
- Options:
     - Day/night switching (automatic) for version with amber lamp dome
     - Flexible (AF) or fixed tube (A)
     - Also available with clear lamp dome
     - Soft light signal (night) possible
- Colours: also available in blue and red

Also available with examination in accordance with ICAO type C.
Further information can be found on page 61.

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Overview of options

Whether fix mounting, tube mounting or magnetic fixing - the different versions of the COMET LED beacon offer a solution for every requirement. Our powerful LED technology with exceptional warning effect integrated in compact housing is what distinguishes our COMET LED beacons.

Fix mounting   **Magnetic fixing**   **Tube mounting**

Hänsch///

COMET LED

Fix mounting

158 mm

Ø 165 mm

Magnetic fixing

172 mm

Ø 165 mm

Universal plug

PRODUCT FEATURES:
- Fix mounting in accordance with DIN 14620, form B1
- Options:
    - Function monitoring (low or high)
    - Analogue or CAN447 version
- Colours: also available in blue, red, green and blue/amber

PRODUCT FEATURES:
- With spiral cable and triple magnetic fixing
- Optimum bonding even on curved vehicle roofs
- Rubber-coated magnets to protect paintwork from scratches
- Tested at up to 250 km/h
- Colours: also available in blue, red, green and blue/amber

Both versions available with examination in accordance with ICAO type C. Further information can be found on page 61.

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Tube mounting

240 mm

Ø 165 mm

PRODUCT FEATURES:
- For fitting on a mounting tube in accordance with DIN 14620
- Impact-resistant housing base
- Options:
  - Flexible (AF) or fixed tube (A)
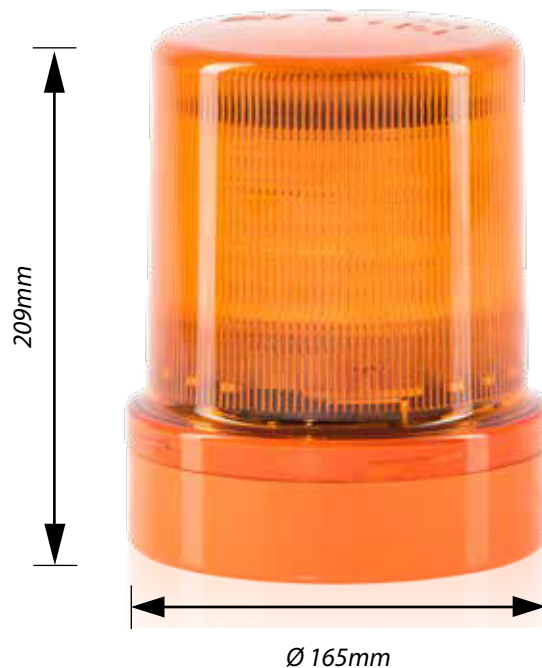- Colours: also available in blue, red and green

Technical data:	
Designation:	COMET LED
Voltage:	9-32V multi voltage
Flash frequency:	> 2 Hz
Average power consumption:	12 V: 1.5 A / 24 V: 0.75 A
Material:	Lamp dome: PC / socket: ASA
Type of protection:	IP5K4K/IPX9K
Homologation: (Germany and international)	
Light in accordance with ECE-R65:	TA1 (E1) 00 2872
EMC in accordance with ECE-R10:	(E1) 10R-04 5669

Also available with examination in accordance with ICAO type C.
Further information can be found on page 61.

Hänsch///

SATURN LED

The SATURN LED beacon is available either with flat base or tube mounting options and can thus be used in a wide variety of applications. Powerful LED technology with exceptional warning effect in a solid housing is what sets our SATURN LED beacons apart.

Fix mounting

209mm

Ø 165mm

PRODUCT FEATURES:
- Fix mounting in accordance with DIN 14620, form B1
- Function monitoring (low or high)
- Colours: also available in blue and red

Tube mounting

291mm

Ø 165mm

PRODUCT FEATURES:
- For fitting on a mounting tube in accordance with DIN 14620
- Impact-resistant housing base
- Option:
  - Flexible (AF) or fixed tube (A)
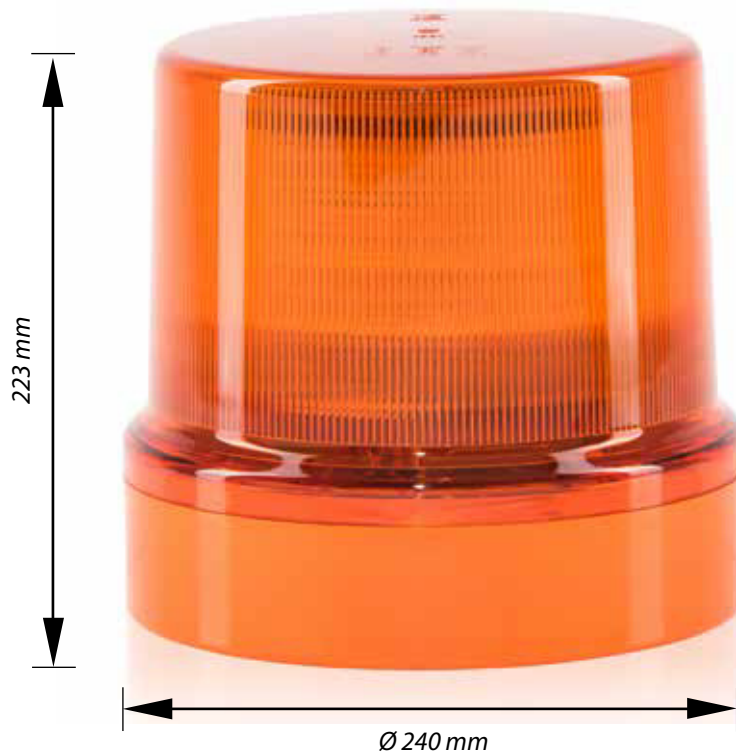- Colours: also available in blue and red

Technical data:	
Designation:	SATURN LED
Voltage:	9-32V multi voltage
Flash frequency:	> 2 Hz
Average power consumption:	12 V: 1.5 A / 24 V: 0.75 A
Material:	Lamp dome: PC / socket: ASA
Type of protection:	IP5K4K/IPX9K
Homologation: (Germany and international)	
Light in accordance with ECE-R65:	TA1 (E1) 00 3000
EMC in accordance with ECE-R 10:	(E1) 10R-04 5669

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The NOVA in LED technology is the "big sister" of our beacons. Optimal light distribution is generated through the use of high-power LEDs. The NOVA in LED technology is most commonly used in large vehicles.

Fix mounting

223 mm

Ø 240 mm

PRODUCT FEATURES:
- Fix mounting in accordance with DIN 14620, form B2
- Analogue control
- Options:
    - Function monitoring (low or high)
- Colours: also available in blue and red

Technical data:	
Designation:	NOVA-L
Voltage:	9-32V multi voltage
Flash frequency:	> 2 Hz
Average power consumption:	12 V: 1.5 A / 24 V: 0.75 A
Material:	Lamp dome: PC / socket: ASA
Type of protection:	IP5K4K/IPX9K
Homologation: (Germany and international)	
Light in accordance with ECE-R65:	TA1 Ⓔ1 00 2916
EMC in accordance with ECE-R10:	Ⓔ1 10R-04 5669

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MOVIA - SL

Whether fix mounting, tube mounting or magnetic fixing - the various versions of the MOVIA SL LED beacon offer a solution for every requirement. Powerful LED technology with exceptional warning effect in a compact housing is what distinguishes our MOVIA SL LED beacons.

Magnetic fixing   **Tube mounting**   **Fix mounting**

Hänsch®//

Fix mounting

145 mm

Ø 112 mm

PRODUCT FEATURES:
- Options:
  - Function monitoring
  - Analogue or CAN447 option
- Colours: also available in red, blue and blue/amber

Tube mounting

145 mm

61.3 mm

Ø 109 mm

PRODUCT FEATURES:
- For fitting on a mounting tube in accordance with DIN 14620
- Flexible arm
- Option:
  - Also available on telescopic arm
- Colours: also available in red and blue

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Magnetic fixing

145 mm

Ø 112 mm

Metal elbow plug

Universal plug

Protective cover

Car plug

PRODUCT FEATURES:
- LED beacon with spiral cable and triple magnetic fixing
- Optimum bonding even on curved vehicle roofs
- Rubber-coated magnets to protect paintwork from scratches
- Choice of different plugs
- Tested at up to 270 km/h
- Analogue
- Colours: also available in blue, blue/amber and red
- Protective covering available on request

Technical data:	
Designation:	MOVIA - SL
Voltage:	9-32V multi voltage
Flash frequency:	> 2 Hz
Average power consumption:	12 V: 1.6 A / 24 V: 0.9 A
Material:	Housing: Aluminium/Lamp dome: PC
Type of protection:	IP5K4K/IPX9K
Homologation: (Germany and international)	
Light in accordance with ECE-R65:	TA1 (E1) 00 3139
EMC in accordance with ECE-R10:	(E1) 10R-04 5669

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Can switch between blue and amber

The bicoloured beacons MOVIA SL and COMET LED can switch between blue and amber. The blue warning signal is used to clear a path on the way to the destination. The beacon can switch to amber at the destination in order to act as a warning signal to secure the area.

Fig. Movia - SL

Technical data:		
Designation:	MOVIA - SL	COMET LED
Voltage:	9-32 V multi-voltage	9-32 V multi-voltage
Flash frequency:	> 2 Hz	> 2 Hz
Average power consumption:	12 V: 1.5 A / 24 V: 0.8 A	12 V: 1.5 A / 24 V: 0.75 A
Material:	Housing: Aluminium/Lamp dome: PC	Lamp dome: PC / socket: ASA
Type of protection:	IP5K4K/IPX9K	IP5K4K/IPX9K
Homologation: (Germany and international)		
Light in accordance with ECE-R65:	TB1/TA1 (E1) 00 3139 TB2 (E1) 00 3140	TB1/TA1 (E1) 00 2872 TB2 (E1) 00 2814
EMC in accordance with ECE-R 10:	(E1) 10R-04 5669	(E1) 10R-04 5669

MOVIA SL and COMET LED VERSIONS
- Fix mounting: Colour switching by signal line
- Magnetic fixing: Colour switching via a switch on the universal plug

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Bicoloured LED beacons

Switch between blue and amber possible

MOVIA - SL

PRODUCT FEATURES:
- Available as fix mounting or magnetic fixing
- Fix mounting/CAN447: Colour switching by signal line
- Magnetic fixing: Colour switching via a switch on the universal plug
- Clear lamp dome
- Protective covering available on request

COMET LED

PRODUCT FEATURES:
- Available as fix mounting or magnetic fixing
- Fix mounting/CAN447: Colour switching by signal line
- Magnetic fixing: Colour switching via a switch on the universal plug
- Clear lamp dome

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The mounting form of the COMET S beacons has been specially developed for escort vehicles. The beacon is fixed by means of a lockable plug-in hinge and a rubber suction cup with a magnet on the vehicle roof. Universal electric plug-in hinge add-on parts (ESA parts) provide both a secure hold and power supply for the beacon.

PRODUCT BENEFITS COMET S (Fig.):
- Various homologated flash patterns integrated
- Two rows of LEDs provide full-area illumination
- Class II homologation

Fig: COMET S on support bracket without ESA part - alternatively also possible with COMET LED

PRODUCT BENEFITS SUPPORT BRACKET:
- Lockable clamping element
- Self-contacting by multi-contact segments in the ESA part
- Double protection with a plug-in hinge and a magnetic suction cup
- Universal ESA part necessary

Fig: COMET S on support bracket with ESA part - alternatively also possible with COMET LED

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