

Rotating Mirror Beacons SLD 1 / SLD 2 / SLD 3

Optical signalling devices for use in noisy environments

- ▶ Warning signal without noise
- ▶ Continuous operation
- ▶ Available for usual supply voltages
- ▶ Blue and yellow light for 12 VDC or 24 VDC with general design approval for use on vehicles by the German traffic authorities



Application

The rotating mirror beacons enable safe and reliable signalling in noisy environments. Indoors the signal is even noticed when the light source itself is not visible because the light flashes are reflected by walls and other objects. The SLD 1 and SLD 2 rotating mirror beacons use H1 halogen lamps 12 V, 55 W or 24 V, 70 W. The caps come in the colours transparent, red, yellow, green and blue. The power supply and vibration-absorbing mounting of the chassis of the SLD 3 rotating mirror beacon make it especially suitable for use on forklift trucks.

It comes in two version with a 36 VDC to 60 VDC or 80 VDC to 120 VDC power supply.

Design

The SLD 1 rotating mirror beacon is a version for mounting on horizontal surfaces. It can also be fitted on slightly sloping surfaces (for example top of a car) by placing a DPR rubber gasket between it and the surface.

It can further be mounted on an ASFL extension flange placed on a vertical rod. The SLD 2 rotating mirror beacon can be mounted on an ASTR extension rod. The connection cable then runs through the extension rod.

This beacon is intended for use on vehicles and is only available for operation on 12 VDC or 24 VDC power supplies. The SLD 1 and SLD 2 rotating mirror beacons are approved by German Lloyd, Certificate No. 89122 HH.

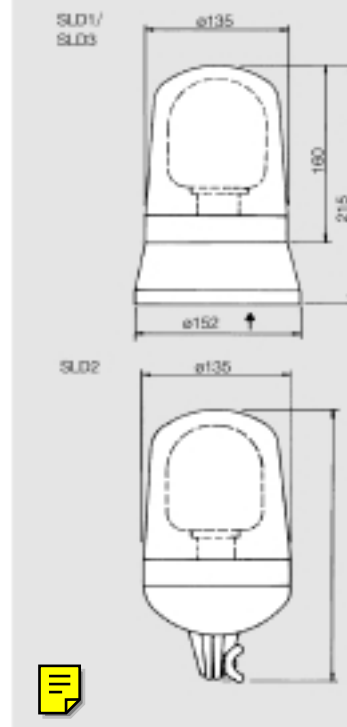
Warning device on mobile machines

It can also be fitted on slightly sloping surfaces (for example top of a car) by placing a DPR rubber gasket between it and the surface.



Technical specifications

Housing	Plastic socket with die cast metal bottom (for SLD 1 and 3) and full-surface PVC sealing	
Cap	Plexiglass	
Colours	Transparent, red, yellow, green, blue	
Protection degree	IP 54 (IEC 529)	
Protection class	I	
Cable entry	From below	
Connection terminals	Cross section: 2.5 mm ² single wire 1.5 mm ² fine wire	
Operating conditions	Indoors and outdoors (under protective roof)	
Operating position	Mounted vertically on a horizontal surface, extension rod, wall holder, etc.	
Operating mode	Continuous	
Reflector speed	Approx. 180 rpm	
Temperature range		
Operation	-20° C to +50° C	
Storage	-30° C to +70° C	
Approval	(GL) German Lloyd No. 89122 German Federal Office ABG No. K 8697 (blue) for Motor Traffic ABG No. K 8698 (yellow)	
Weight	SLD1	approx. 2.3 kg
	SLD 1 12, 24 VDC	approx. 1.4 kg
	SLD 2 12, 24 VDC	approx. 1.0 kg
	SLD 3	approx. 2.0 kg



* The full article number is made up by appending the colour code for the coloured cap to the article numbers given below.

transp.	01
red	02
yellow	03
green	04
blue	05

Order information

Type	Name	Rated voltage U _e	Operating volt. range U _e	Current consumption	Fuse 5 x 20	Art. no.*
SLD 1	Rotating Mirror Beacon* ¹	110 VAC	+10/-15 %	0.46 A	T 1.2 A	222 003 ..
SLD 1	Rotating Mirror Beacon* ¹	230 VAC	+10/-15 %	0.23 A	T 0.63 A	222 004 ..
SLD 1	Rotating Mirror Beacon* ²	12 VDC	+10/-15 %	4.80 A	T 6.3 A or 8 A car fuse	222 001 ..
SLD 1	Rotating Mirror Beacon* ³	24 VDC	+10/-15 %	3.00 A	T 6.3 A or 8 A car fuse	222 002 ..
SLD 2	Rotating Mirror Beacon* ²	12 VDC	+10/-15 %	4.80 A	T 6.3 A or car fuse	222 011 ..
SLD 2	Rotating Mirror Beacon* ³	24 VDC	+10/-15 %	3.00 A	T 6.3 A or car fuse	222 012 ..
SLD 3	Rotating Mirror Beacon* ⁴	36–60 VDC	+10/-15 %			222 013 ..
SLD 3	Rotating Mirror Beacon* ⁴	80–120 VDC	+10/-15 %			222 014 ..

Spares

T = time lag

Cap	229 110 ..
Halogen Lamp 12 V/55 W	229 111 12
Halogen Lamp 24 V/70 W	229 111 24

Accessories

Extension Rod	222 019 01
Mounting Flange	222 009 11
WH 4 Wall Holder	222 009 12
Protective Cage	222 009 13

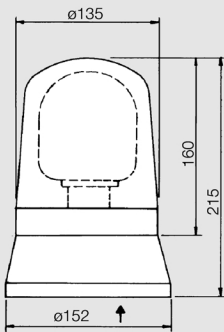
*¹ With transformer; lamp H 1, 12 V, 55 W

*² Lamp H 1, 12 V, 55 W

*³ Lamp H 1, 24 V, 70 W

*⁴ The SLD 3 is supplied without lamp (bulb with BA 20 S socket needed, max. 40 W)

SLD1/
SLD3



SLD2

