

**FORVIA**



## **BRIEF INFORMATION**

### Rota LED beacon

- › Rotating or flashing LED light function
- › Long lifetime
- › Flat and compact design
- › Low current consumption, high efficiency

## **PRODUCT FEATURES**

The Rota LED is available with a rotating or flashing light function. No moving parts are required for these functions – so no wear and maximum reliability. Since LEDs are maintenance-free, they do not cause any additional costs for spare parts or maintenance. Downtime is reduced to a minimum. The shock-absorbent rubber base makes it extremely resistant to vibrations and therefore especially suitable for demanding applications.

The shock-resistant dome made of polycarbonate protects against impacts (e.g. from branches). Three different installation options i.a.w. DIN 14620 and SAE ensure a solution for every application: Permanent installation (Ø 130 mm and Ø 150 mm), pipe socket and magnetic attachment.

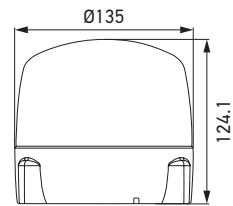
# TECHNICAL DETAILS

## Technical data

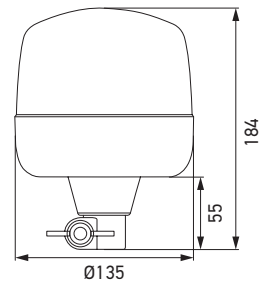
Operating voltage range	Multi-voltage (10–30 V)
Rated voltage	12 V and 24 V
Current consumption	Rotating: approx. 0,8 A (12 V), approx. 0,4 A (24 V) Flashing: approx. 0,7 A (12 V), approx. 0,35 A (24 V)
Power consumption	Rotating: approx. 9 W Flashing: approx. 12 W
Light function	Rotating or flashing
Material	Dome: polycarbonate
Temperature range	-40°C to +60°C
Protection class	IP 5K4K, IP X9K
Approved	ECE-R10, ECE-R65 TA1 (amber), ECE-R65 TB1 (blue), ECE-R65 TR1 (red), ADR / GGVSEB
Compliant	SAE J845 class 2, CISPR 25 Class 5
Protection	Polarity reversal protection
Mounting	Upright

## Dimensional sketch

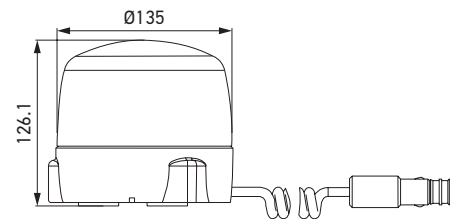
### Fixed attachment (F)












### Pipe socket mounting (P)



### Magnet mounting (M)



# PROGRAM OVERVIEW

Product Image	Part number, Rotating	Part number, Flashing	Description
	2RL 010 979-001	2XD 012 878-001	Rota LED beacon F, amber
	2RL 010 979-101	2XD 012 878-101	Rota LED beacon F, blue
	On request*	2XD 012 878-201*	Rota LED beacon F, red
	2RL 010 979-011	2XD 012 878-011	Rota LED beacon P, amber
	2RL 010 979-111	2XD 012 878-111	Rota LED beacon P, blue
	On request*	2XD 012 878-211*	Rota LED beacon P, red
	2RL 010 979-021	2XD 012 878-021	Rota LED beacon M, amber
	2RL 010 979-121	2XD 012 878-121	Rota LED beacon M, blue
	On request*	2XD 012 878-221*	Rota LED beacon M, red

\* No ECE approval – Use only as far as permitted by legislation. Not approved for road traffic in Germany, Austria and Switzerland.








## Accessories

9EL 181 506-001	Dome (polycarbonate), amber
9EL 181 506-011	Dome (polycarbonate), blue
On request*	Dome (polycarbonate), red

# APPLICATION EXAMPLE



## RECOMMENDED ANCILLARY PRODUCTS

Product photo	Description	Part number
	Support pipe to be welded on, straight, 100 mm long	1-pin <b>8HG 002 365-001</b> 2-pin <b>8HG 006 294-101</b>
	Support pipe with base to be bolted on, total height 126 mm	1-pin <b>8HG 006 294-011</b> 2-pin available <b>on request</b>
	Support pipe, angled, with base for bolting on the side, clearance 90 mm, height 100 mm	1-pin <b>8HG 006 294-021</b> 2-pin <b>8HG 006 294-221</b>
	Support pipe, angled, with base for bolting on the side, clearance 50 mm, height 100 mm	1-pin <b>8HG 006 294-111</b> 2-pin available <b>on request</b>
	Support pipe for inclined mounting surfaces, beacon adjustable parallel to the roadway, height approx. 105 mm	1-pin <b>8HG 006 294-031</b> 2-pin <b>8HG 006 294-141</b>
	Support pipe with screw attachment, height ca. 100 mm	1-pin <b>8HG 006 294-051</b> 2-pin <b>8HG 006 294-091</b>
	Support pipe with 2 screw holes for attaching to the back of the cab, with telescopic bracket, total height ca. 1000 mm, can be displaced by up to 700 mm	1-pin <b>8HG 006 294-041</b> 2-pin available <b>on request</b>