



## BRIEF INFORMATION

UltraRAY 2.0 (rotating version)

UltraRAY 2.1 (flashing version)

- › Rotating or flashing LED light function
- › Double lighting system
- › Large light exit area
- › Long service life

## PRODUCT FEATURES

### Light function

An innovative electronic concept offers a rotating or a flashing LED light function – without moving parts.

### Shockproof

The shockproof dome made of polycarbonate guarantees especially reliable protection from shocks.

### Interference-free

EMC resistance ensures that the UltraRAY 2.0 / 2.1 causes no interference.

### Double lighting system

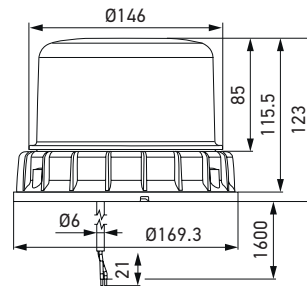
The double lighting system in the UltraRAY 2.0 / 2.1 increases the light exit area, so producing an especially strong warning effect.

# TECHNICAL DETAILS

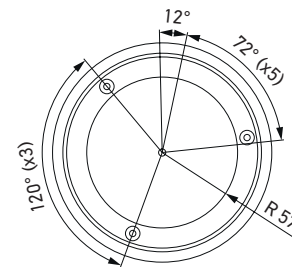
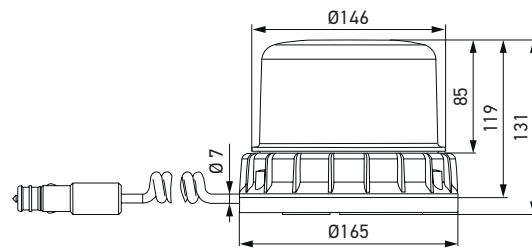
Technical data	
Operating voltage range	Multi-voltage (10–30 V)
Rated voltage	12 V and 24 V
Current consumption	Rotating: approx. 1.6 A (12 V), approx. 0.8 A (24 V) Flashing: approx. 1.8 A (12 V), approx. 0.9 A (24 V)
Power consumption	Rotating: approx. 20 W Flashing: approx. 22 W
Light function	Rotating oder flashing
Material	Dome: polycarbonate
Temperature range	-40°C to +60°C
Protection class	IP 6K7, IP 6K9K
Approved	ECE R10, ECE-R65 TA1 (amber), ECE-R65 TB1 (blue), ECE-R65 TR1 (red), ADR / GGVSEB
Compliant	SAE J845 class 1, RCM
Protection	Polarity reversal protection
Mounting	Upright Installation: Ø 130 mm, Ø 150 mm (SAE)

## Dimensioned sketch



### Fixed attachment



### Magnetic attachment



# PROGRAM OVERVIEW

Product picture	Description	Ultra RAY 2.0 (rotating) Part number	Ultra RAY 2.1 (flashing) Part number
	Fix, amber	2RL 012 983-001	2XD 012 984-001
	Fix, blue	2RL 012 983-011	2XD 012 984-011
	Fix, red	2RL 012 983-021	2XD 012 984-021
	Fix, green	2RL 012 983-031	2XD 012 984-031
	Fix, white	2RL 012 983-041	2XD 012 984-041
	Magnet, amber	2RL 012 983-101	2XD 012 984-101
	Magnet, blue	2RL 012 983-111	2XD 012 984-111
	Magnet, red	2RL 012 983-121	2XD 012 984-121
	Magnet, green	2RL 012 983-131	2XD 012 984-131
	Magnet, white	2RL 012 983-141	2XD 012 984-141