



BRIEF INFORMATION

DuraRAY 4.0

- › Sensor-controlled automatic day time / night time level: optimum warning, no dazzle!
- › Rotates or flashes – as required
- › Double lighting system
- › Large light exit area

PRODUCT FEATURES

2.0 Brightness levels

The integrated light sensor automatically toggles between day and night mode. This guarantees the best possible warning effectiveness.

2.0 Types of warning signal

You can choose, by switch or programming, between rotating or flashing warning signals.

Double lighting system

The double lighting system in the DuraRAY 4.0 increases the light exit area, so producing an especially strong warning effect.

Vibration resistance

The beacons have been developed without any moving parts and are therefore optimally protected against strong vibrations and shocks.

Low life cycle costs

Maintenance-free beacon with a very long design life.

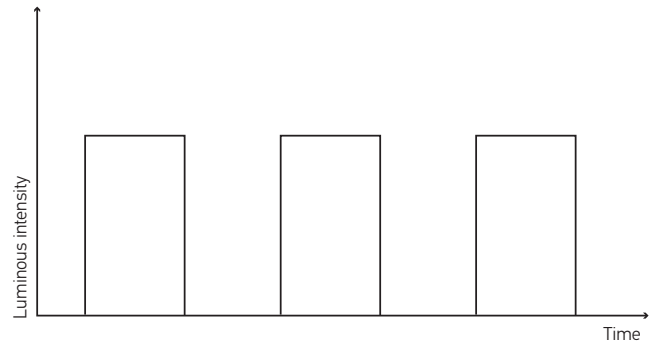
High-quality corrosion protection

The housing is passivated and then powder coated. The beacon's corrosion protection is tested with a special salt spray for a period of 1000 hours.

PRODUCT BENEFITS

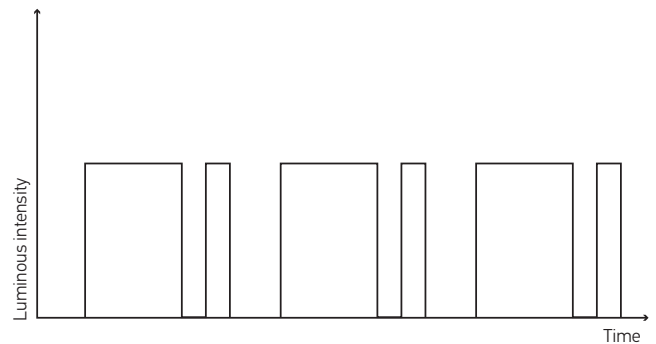
- Automatic day time / night time level: sensor measures the ambient brightness and controls the changeover between day time / night time levels by means of the measured values. Providing an optimum service during the day and not dazzling anyone at night.
- Signal: flashing or rotating. With a fixed attachment you can choose between switch or programming. With magnetic attachment, you can choose between rotating and flashing warning signal by 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 40 high-power LEDs.
- Very robust and vibration-resistant: no moving parts, extremely flat design and impact-resistant dome.
- High-quality corrosion protection: by means of special finishing and coating of the housing. This provides a considerable degree of protection against aggressive media like salt and lyes.
- Cooling fins for an optimum thermal management to ensure the long design life.
- Assembly possible from below on bolt circle Ø 130 mm and from below and above on bolt circle Ø 150.

Rotating light function



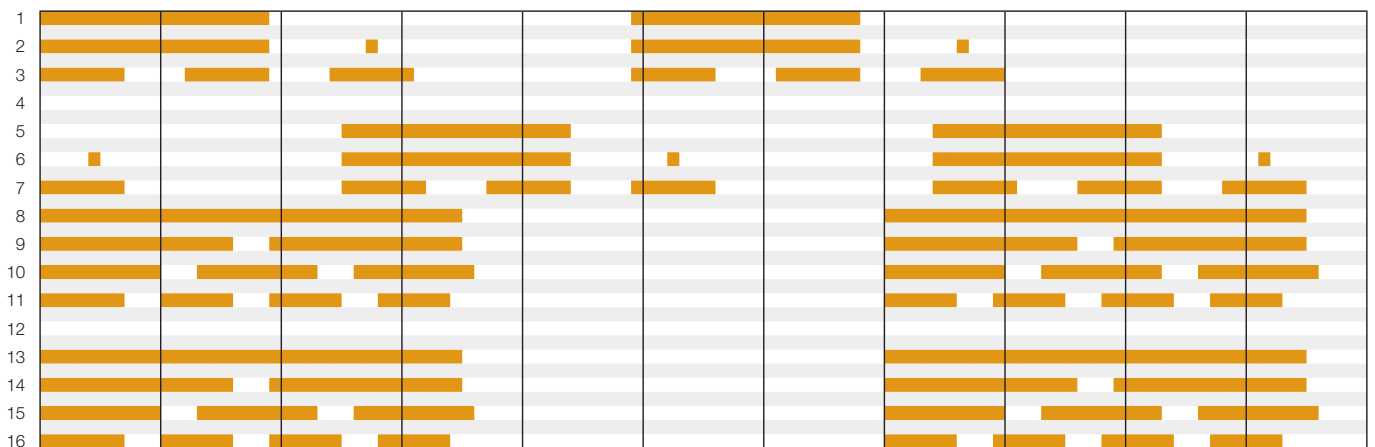
Homogenous illumination with rapid increase in the light values, signal is clearly visible.

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



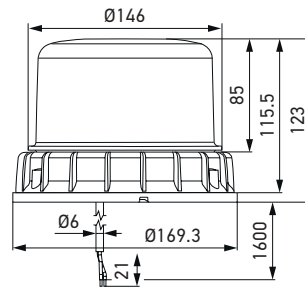
4 and 12 = rotating warning signals
 Orange = on
 White = off

TECHNICAL DETAILS

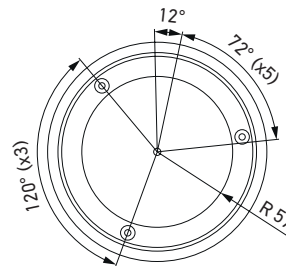
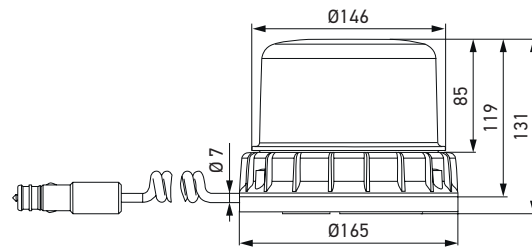
Technical data	
Operating voltage range	Multi-voltage (10–30 V)
Rated voltage	12 V and 24 V
Current consumption	2.6 A (12 V) 1.3 A (24 V)
Power consumption	32 W
Light function	Rotating and flashing
Material	Dome: polycarbonate
Temperature range	-40 °C to +60 °C
Protection class	IP 6K7, IP 6K9K
Approved	ECE R10, ADR / GGVSEB, Rotating: ECE-R65 TA1 (amber), ECE-R65 TB1 (blue), ECE-R65 TR1 (red) Flashing: ECE-R65 TA2 (amber), ECE-R65 TB2 (blue), ECE-R65 TR2 (red)
Compliant	SAE J845 class 1, RCM
Protection	Polarity reversal protection
Mounting	Upright Installation: Ø 130 mm, Ø 150 mm (SAE)

Dimensioned sketches

Fixed attachment



Magnetic attachment



PROGRAM OVERVIEW

Product picture	Description	Part number
	DuraRAY 4.0 fix, amber	2XD 012 985-001
	DuraRAY 4.0 fix, blue	2XD 012 985-011
	DuraRAY 4.0 fix, red	2XD 012 985-021
	DuraRAY 4.0 fix, green	2XD 012 985-031
	DuraRAY 4.0 fix, white	2XD 012 985-041
	DuraRAY 4.0 magnet, amber	2XD 012 985-101
	DuraRAY 4.0 magnet, blue	2XD 012 985-111
	DuraRAY 4.0 magnet, red	2XD 012 985-121
	DuraRAY 4.0 magnet, green	2XD 012 985-131
	DuraRAY 4.0 magnet, white	2XD 012 985-141