HELLA

PRODUCT NEWS
UltraRAY 2.0 (rotating version)

→ Rotating LED light function
→ Double lighting system
→ Large light exit area
→ Long service life

PRODUCT FEATURES

Light function
An innovative electronic concept offers a rotating
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 causes
no interference.

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

TECHNICAL DETAILS

Technical data

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Rated voltage (U_N)	Multivolt™
Operating voltage (U_0)	110 – 30 V
Total current consumption	Approx. 1.6 A (12 V) Approx. 0.8 A (24 V)
Power consumption	Approx. 20 W
Dome	Polycarbonate
Operating position	Upright
Temperature range	−40 °C to +60 °C
Reverse Polarity Protection	Yes
Installation	Ø 130 mm Ø 150 mm (SAE)
Protection class	IP 6K7, IP 6K9K
Type approval	SAE J845 Class 1
EMC protection	ECE R10

Type approval
UltraRAY 2.0 rotating

Lighting technology homologation, amber	TA1	(E1)	R65 004439
Lighting technology homologation, blue	TB1	(E1)	R65 004440
Lighting technology homologation, red	TR1	(E1)	R65 004441

Dimensioned sketches

Fixed attachment
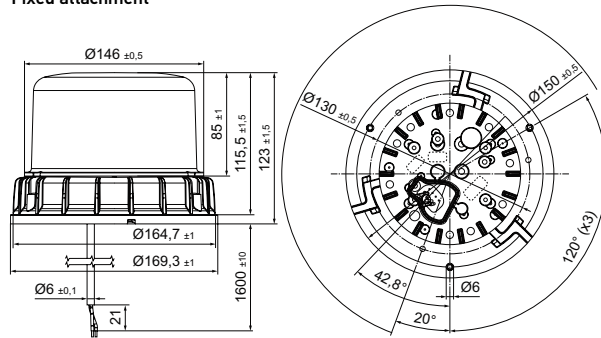
RANGE OVERVIEW
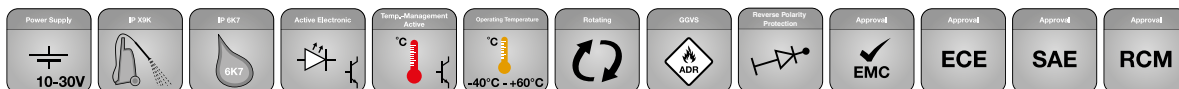
Product picture	Part number	Description
	2RL 012 983- 001	UltraRAY 2.0 fix, amber
	2RL 012 983-011	UltraRAY 2.0 fix, blue
	2RL 012 983-021	UltraRAY 2.0 fix, red
	2RL 012 983-031	UltraRAY 2.0 fix, green
	2RL 012 983-041	UltraRAY 2.0 fix, white