Caraluna Modular Rearlight

Brief information

Rearlight

- *Multi-function combination rearlight in 12 V and 24 V*
- *Vertical flush-fitting*
- *Modern design*

Product features

Brilliant and high-grade styling
Requires clean processing within the light, since reflector and high-sheen housing surface are visible.

Design and set-up
The Caraluna Modular stands out thanks to its large design height, which makes it particularly suitable for use with motor homes and buses. The position of the reflectors can be freely chosen, achieving a mirror-symmetric set-up.

Installation
Simple screw attachment from the rear of the vehicle. This makes time-optimised production flow possible and makes it easier for customers to replace bulbs.

Seal to the vehicle
The high-quality all-round seal made of EPDM ensures permanent sealing to the vehicle.

Integrated side marker functions
The integrated side marker lamp with side marker reflector reduces the number of components to be used in the assembly process.

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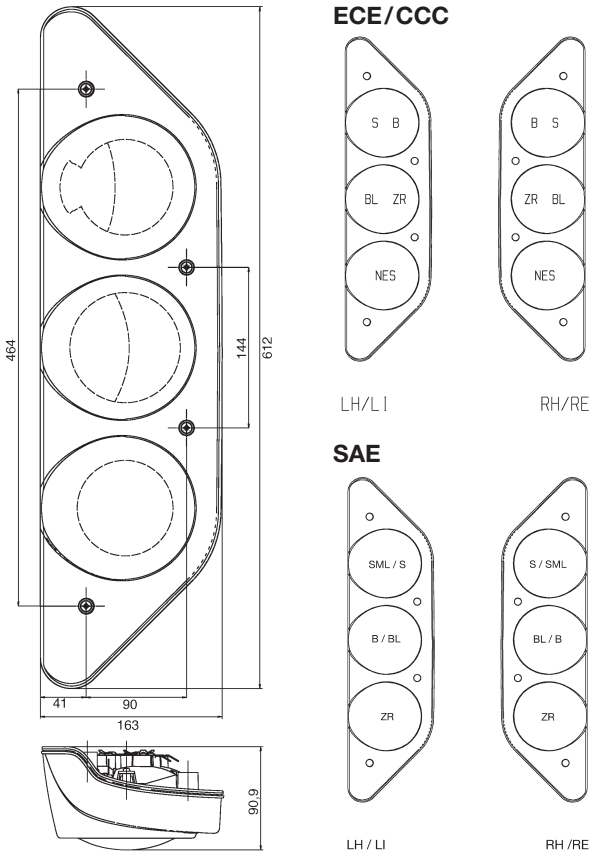
Technical details

Technical data	
Type approval	ECE/CCC/SAE
Operating voltage	12 V and 24 V
Functions	Taillight Stoplight Indicator Reverse light Rear fog light Side marker light Reflector
Bulbs	R10 W and PY21 W
Specification	Hella Norm 67001 Class 8
Dimensions (w x h x l)	163 x 612 x 91.9 mm
Operating temperature	- 40 °C to + 50 °C
Protective rating	IP 5K
Contacting	6.3 mm
Lens	Transparent and welded to housing

Technical drawing



Application example

Range overview

Product picture	Part Number	Specification: Tail/stop/indicator/reverse/ rear fog/side marker light with side marker reflector	Type approval	Packaging unit
	2VP 343 520-017	for vertical flush-fitting, left, with pre-fitted 12 V bulbs	ECE/CCC *	18
	2VP 343 520-027	for vertical flush-fitting, right, with pre-fitted 12 V bulbs	ECE/CCC *	18
	2VP 343 520-037	for vertical flush-fitting, left, with pre-fitted 24 V bulbs	ECE/CCC *	18
	2VP 343 520-047	for vertical flush-fitting, right, with pre-fitted 24 V bulbs	ECE/CCC *	18
	2VP 343 520-057	for vertical flush-fitting, left, with pre-fitted 12 V bulbs	ECE/CCC *	18
	2VP 343 520-067	for vertical flush-fitting, right, with pre-fitted 12 V bulbs	ECE/CCC *	18

* SAE on request

Outlook

The Caraluna Modular provides a wide range of possibilities for an individual look.

The cover lens can be adapted, for example, depending on customer wish and vehicle colour: Whether in classic versions such as black and transparent or trendy colours such as blue and translucent.

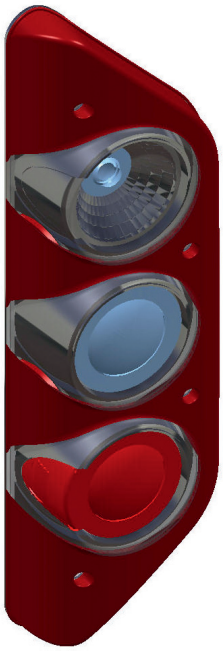
As well as the colour options, customisation is also possible by mounting the modular system as a horizontal unit.

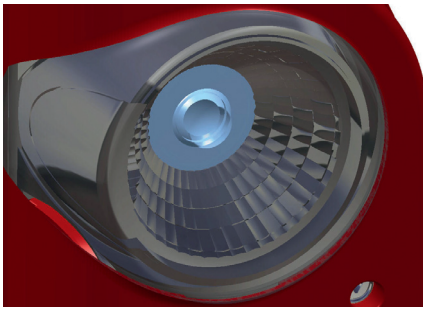
Outlook LED lighting technology

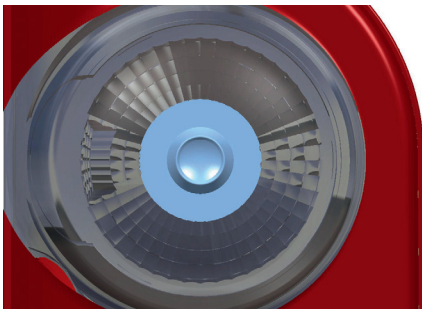
The concept for the Caraluna Modular already takes the LED technology of the future into account.

With the innovative Hella One-LED Power solution, all the lighting functions can be fitted with LED – even as retrofit.

From the beginning of 2010, a tailstoplight combination in LED will be available for the Caraluna Modular.







LED technology

As a leader in innovation in the field of automotive original equipment, Hella sets standards in multi-function lights through LED lighting technology.

Extremely low energy consumption
Thanks to the combination of efficient light emitting diodes (LEDs) and precision optics, the Hella lights provide significantly more light than conventional bulbs.

Fast switch-on behaviour for increased safety
The switch-on behaviour of LEDs is 10 times faster than that of comparable bulbs. A decisive safety advantages, since the braking process can thus be seen significantly more quickly by the driver behind.

No light-source replacement, no maintenance and an extremely long service life
LEDs are semi-conductor components, which means they do not have a fragile filament. In addition, LEDs are absolutely resistant to impact and vibration. This guarantees lighting and safety in every situation. Furthermore, the service life of LEDs is about 50,000 operating hours, thus exceeding the overall mileage performance of any vehicle.

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