BRIEF INFORMATION
66 mm Premium lights

> Striking design
> Extremely light weight
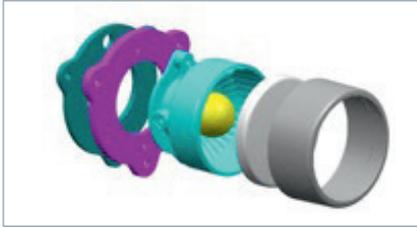> Powerful light output

PRODUCT FEATURES

A new design was developed for the light model series. As the lighting technology was being designed, an attractive appearance was also realised in addition to an exceptional, homogeneous signal image. The reflector has a high-quality facet appearance. The lens is clear and pattern-free.

During the light development process, we made sure to achieve the shortest possible installation depth. It measures 80 mm. The bulb holder has a 90-degree angle to minimise the installation depth required. The seal is implemented by way of a circumferential O-seal. The light housing is made from high-temperature resistant APEC plastic. The light is particularly well protected against penetration by elementary water. Ventilation is via a GORETEX^R diaphragm.

Product benefits:
→ Extremely light weight.
→ Installation at the rear or front (with optional adapter ring).
→ Can be mounted behind cover plates due to optimised light output.
→ Combined tail light/stop light available.
→ Direction indicator and position lights also available for SAE applications.
→ Water-tight bulb holder.
→ Two or three-pole K-Jetronic plug connection for simplified electrical connection.

INSTALLATION OPTIONS

Design of the light with decorative ring and optional
screw-down holder for installation at the front

Fastening from the rear or the front:
The bracket concept allows the lights to be fastened from the rear. The screw domes
are within the light diameter. If installation at the front is required, the customer can be
provided with two adapters as an option. One bracket can be used to fasten the light at
the front but outside the housing diameter. The bracket comes with a foam seal. Two
PT screws (4 x 12) are used to fasten the adapter.

Snap holder for installation at the front, without screws
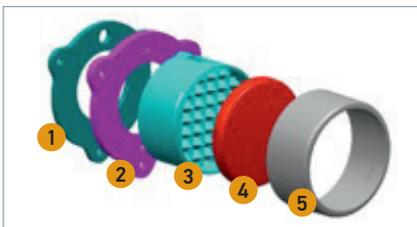
Snap holder for installation at the front:
An additional bracket allows the lights to engage in the designated installation openings.
Refer to the Catia illustrations for details on the installation situation.

Macro reflex reflector

Reflex reflector:
A suitable reflex reflector module is also available for the lights.
This module is a macro reflex reflector. The reflector comes with special optics that
reflect incoming light back where it came from. The benefit of this technology is a
modern appearance that is very suitable for clear-lens lights. All accessory and bracket
components for the lights can also be used for the reflex reflector.

Design of the reflex reflector with decorative ring
(accessory) and screw-down holder (accessory) for
installation at the front

1. Seal (optional)
2. Adapter ring (optional)
3. Module
4. Lens (welded)
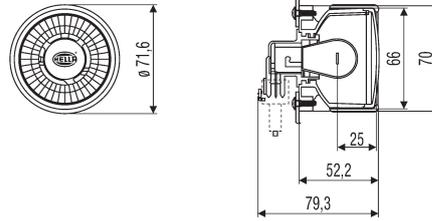5. Decorative ring (optional)

TECHNICAL DETAILS
HALOGEN

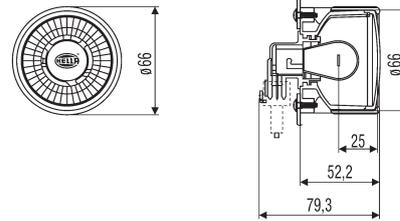| Technical data	
Rated voltage	12 V or 24 V
Light function	Position light, direction indicator (front and rear), stop light, tail light, rear fog light
Material	Housing: APEC plastic
Protection class	IP 5K9K
Approved	ECE
Compliant	SAE

Dimensional sketch

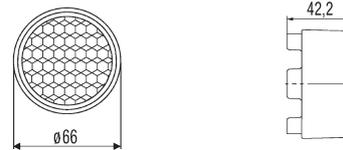**Forward functions**

Rearward functions

Macro reflex reflector

ACCESSORIES
HALOGEN

Product Picture	Part number	Description
Design ring Suitable for 66 mm light modules with Ø 71.6 mm (order number ... 009 001-... except LED versions), perfect high-gloss finish with one "click"		
	9HB 161 122-012	High-gloss chromium plated
	9HB 161 122-007	Silver
Mounting		
	9XD 161 119-007	Frontal for rear combination lamps (Ø 66 mm); direct installation as well as installation in ring module, black
Locking ring		
	8HG 162 530-002	For front installation, silver
Connector		
	8JD 156 150-807	Connector set, 2-pole, grey
	8JD 162 581-802	Connector set, 3-pole, grey (without illustration)
	8JA 179 631-002	Connector housing (250 units) (without illustration)

PROGRAM OVERVIEW
HALOGEN

Product Picture	Part number	Description	Approved/ Compliant	Lens colour	Bulb
Forward functions					
	2BA 009 001-071	Direction indicator	ECE-R6	Clear	PY 21 W
	2BA 009 001-077				
	2BA 009 001-201	Direction indicator, SilverVision	ECE-R6	Clear	PY 21 W SV
	2BA 009 001-091	Direction indicator	SAE	Clear	1156A 24CP
	2BA 009 001-097				
	2PF 009 001-081	Position light	ECE-R7, SAE	Clear	P 21 / 5 W
	2PF 009 001-087				
Rearward functions					
	2BA 009 001-001	Direction indicator	ECE-R6	Grey transparent	PY 21 W
	2BA 009 001-007				
	2ZR 009 001-011	Auxiliary reversing light	ECE-R23, SAE	Grey transparent	P21 W
	2ZR 009 001-017				
	2BA 009 001-191	Direction indicator, SilverVision	ECE-R6	Grey transparent	PY 21 W SV
	2SA 009 001-041	Tail light	ECE-R7	Red	P21 / 5 W
	2SA 009 001-047				
	2DA 009 001-051	Stop light	ECE-R7	Red	P21 W
	2DA 009 001-057				
	2SB 009 001-061	Tail light/stop light	ECE-R7	Red	P21 / 5 W
	2SB 009 001-067				
	2NE 009 001-021	Fog-reverse lamp	ECE-R38, SAE	Red	H21 W
	2NE 009 001-027				
	8RA 009 001-031	Macro reflex reflector	ECE, SAE	Red	–
	8RA 009 001-037				

TECHNICAL DETAILS
LED

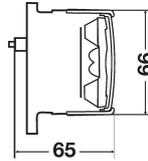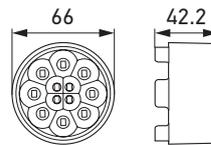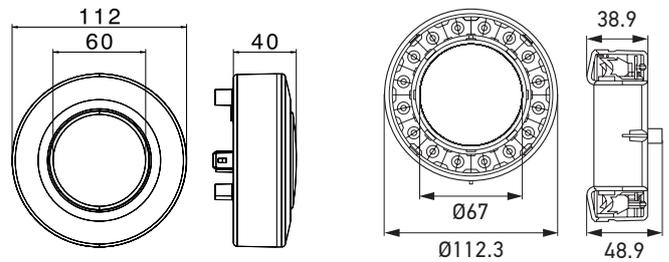| Technical data	
Rated voltage	12 V and 24 V
Light function	Position light, tail light, stop light, direction indicator light, reflex reflector
Material	Housing: APEC plastic
Approved	ECE, CCC
Compliant	SAE

Dimensional sketch

Forward functions

Rearward functions

... 009 001-...

... 009 362-...

ACCESSORIES
LED

Product Picture	Part number	Description
Design ring, Ø 118 mm Suitable for ring module... 009 362-... Perfect high-gloss finish with one "click"		
	9HB 163 085-012	High-gloss chromium plated
	9HB 163 085-001	Silver
Connector Suitable for ... 009 001 ...		
	2JD 156 150-807	Mating connector, 2-pole
	2JD 162 581-802	Mating connector, 3-pole
Mounting		
	9XD 161 119-007	For installing LED lamps or the reflex reflector in the ring module Series ... 009 362-..., black

PROGRAM OVERVIEW
LED

Product Picture	Part number	Description	Approved / Compliant	Lens colour
Forward functions				
	2PF 009 001-421	Position light, for installation, with 12 LEDs	ECE-R7, SAE	Clear
Rearward functions				
	2SB 009 001-401	Tail light and stop light, 12 LEDs and AMP connector	ECE-R7, ECE.R10, CCC, SAE	Clear
	2SB 009 001-411	Tail light, without impulse, 12 LEDs and AMP connector	ECE-R6, ECE-R10, CCC, SAE	
	2BA 009 001-431	Tail light, with impulse, 12 LEDs and AMP connector		
	2SD 009 362-201	Combination LED rear light, stop light and direction indicator, for rear installation, with 24 red LEDs, compatible with light model series ... 009 362-..., ... 009 001-...	SAE	Clear
	2SB 009 362-041	Stop light, LED ring modules	ECE-R7	Red
	2SB 009 362-021	Stop light, LED ring modules		Clear
	8RA 009 362-001	Reflex reflector, LED ring modules	ECE-R3	Red