

Rear

Side

Front

- *For 12 and 24 Volt applications*
- *High level of safety thanks to maximum illuminated area*
- *Modern night design (“glowing edges”)*

## Product features



### Contacting

In addition to the 6.3 contact pin, the customer can choose from a further two connections. One version with AMP plug offers the possibility of using the light in wet outdoor applications, too. A sealed potted cable variant rounds off the contacting options.

### Corrosion protection

Connection contacts are made of non-corroding conductive plastic. This means that corroded contacts are a thing of the past. Even when the seal is fitted incorrectly or the contacts become damp, corroding is impossible.

### Seal to the vehicle

If not glued, the seal to the vehicle can be a sponge rubber seal.

### Night design

The design is emphasised particularly on the vehicle side through the impressive large-area illumination, and follows the current trend in the automotive industry of highlighting lighting elements particularly with a night-design style.

### Product family rounded off

Alongside 12 V and 24 V variants, position light (PO) and clearance light (UR) are also available in the same design. Differently coloured frame versions in white, orange, grey and black as well as flexible attachment - using screws or an angle bracket - round off the range. In short: the light can be integrated in any vehicle design.

### State-of-the-art production engineering

The use of conductive plastic and injected LEDs allows 100 % automation. This ensures process safety compared with manual assembly and the use of PCBs. Housing and frame are „injected“, significantly increasing air-tightness compared with conventional welding or gluing methods.

### Time and cost-optimised assembly

Fast and safe assembly is achieved by using a 6.3 contact pin. The round connector skirt is also used as a positioning aid and protects the contact lugs. Through-connection can be realised by means of double crimping. The side marker light can be attached both horizontally and vertically.



*Ideas today for  
the cars of tomorrow*

## LED lighting technology

**As a leader in innovation in the field of automotive original equipment, Hella sets standards:**

### **Extremely low energy consumption**

Thanks to the combination of efficient LEDs and precision lenses, the Hella lights achieve the legally prescribed light distribution – despite using 80 % less power than bulb versions!

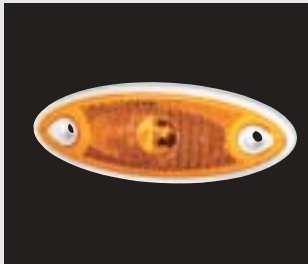
**No light source replacement, no maintenance and extremely long service life thanks to optimum thermal management.**

To increase light service life, the components are arranged optimised for temperature. This avoids the LEDs overheating at extremely high temperatures. This thermal management leads to maximization of service life – even in adverse operating conditions. Depending on environmental conditions, 30,000 hours and more can be achieved.

## Maximising safety

### **Attractive night design**

The large-area, homogeneous illumination of the whole lens from all viewing angles results in optimum visibility and thus maximum safety. New „glowing edges“ technology emphasises all light contours and produces an impressive and innovative night design for side marker, position and clearance light functions.



**Side marker light from Hella**



Light source: 1 LED for optimum visibility, large illuminated area including contour illumination



**Competitor's light**



Light source: 1 LED minimum, spotlight area

## State-of-the-art production engineering/Innovative materials

### **Process safety**

Fully automated production guarantees a high degree of quality in terms of air-tightness and fault rate. Process faults are excluded, from injection molding through testing to packaging.

### **Conductive plastic**

Replaces the metallic components needed before e.g. PCB and connection contacts. This guarantees a longer service life, since corrosion - caused by humidity deposits - is excluded.

## Application examples

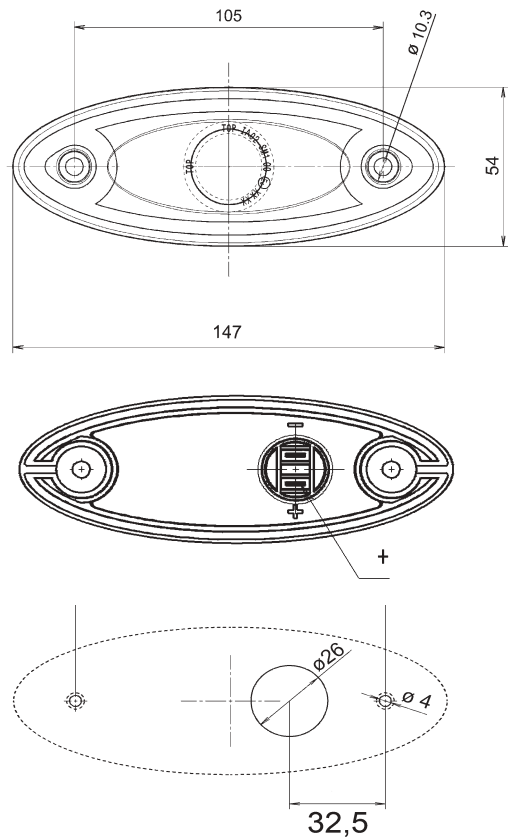


# Technical details

Technical data	
Type approval	ECE/SAE
Operating voltage	12 V and 24 V
Functions	Side marker light Position light Clearance light
Number of LEDs	1
Power consumption	0.5 W/12 V 1.0 W/24 V
Dimensions (w x h x d)	
Plug	147 x 54 x 27.5
Cable versions	147 x 54 x 14.7
Operating temperature	-40 °C to +50 °C
Protective rating	IP 6K9K
Contacting	6.3 mm blade terminal or open cable end or AMP Timer
Installation	Assembly Screw connection using 2 screws Ø 6 mm
Specification	Hella norm 67001, Class 10 Maximum specification
Service life	30,000 h*

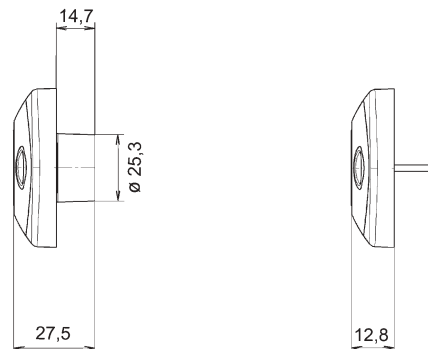
(\* depending on the operating temperature)

## Technical drawing



with 6.3 mm contact

with cable



## Outlook

- AMP plug - timer plug integrated in housing
- 5000 mm cable version for position and clearance light
- Further 24 V solutions possible
- Adhesive attachment to vehicle

## Accessories

### Angle bracket

8HG 343 879-007

### Rubber seal

9GD 343 697-007

### Grommet

9GT 343 367-007

# Range overview

Drawing	Product picture	Part number	Connection	Voltage	Installation		Housing colour	Type approval	Packaging unit
					Hor.	Vert.			
		2PS 343 690-001/7	6.3 mm contacts	12 V	■	■	●	ECE/SAE	1/96
		2PS 343 690-011/7	6.3 mm contacts	24 V	■	■	●		1/96
		2PS 343 690-021/7	6.3 mm contacts	12 V	■	■	●		1/96
		2PS 343 690-031/7	6.3 mm contacts	24 V	■	■	●		1/96
		2PS 343 690-041/7	6.3 mm contacts	12 V	■	■	●		1/96
		2PS 343 690-051/7	6.3 mm contacts	24 V	■	■	●		1/96
		2PG 343 690-107*	6.3 mm contacts	12 V	■		●		*
		2PG 343 690-117*	6.3 mm contacts	12 V		■	●		*
		2TM 343 690-157*	6.3 mm contacts	12 V	■		●		*
		2TM 343 690-167*	6.3 mm contacts	12 V		■	●		*
		2PS 343 690-201/7	500 mm cable	12 V	■	■	●	*	
		2PS 343 690-217*	500 mm cable	12 V	■	■	●	*	
		2PS 343 690-227*	500 mm cable	12 V	■	■	●	ECE/SAE	*
		2PS 343 690-257*	5000 mm cable	12 V	■	■	●	*	
		2PS 343 690-267*	5000 mm cable	12 V	■	■	●	*	
		2PS 343 690-277*	5000 mm cable	12 V	■	■	●	*	
		2PG 343 690-301/7	500 mm cable	12 V	■		●	1/*	
		2PG 343 690-311/7	500 mm cable	12 V		■	●	1/*	
		2TM 343 690-351/7	500 mm cable	12 V	■		●	1/*	
		2TM 343 690-361/7	500 mm cable	12 V		■	●	1/*	
		2PS 343 690-407*	AMP-Timer	24 V	■	■	●	*	
		2PS 343 690-417*	AMP-Timer	24 V	■	■	●	*	
		2PS 343 690-427*	AMP-Timer	24 V	■	■	●	*	

\*on customer request