RANGE OVERVIEW

Product Image	Part Number	Function	Connection	Packaging Unit
	2PF 959 855-201	Front Position / End Outline Lamp	0.5 m cable	1
	2PF 959 855-207	Front Position / End Outline Lamp	0.5 m cable	24
	2PF 959 855-241	Front Position / End Outline Lamp	2.5 m cable	1
	2PF 959 855-247	Front Position / End Outline Lamp	2.5 m cable	16
	2PF 959 855-251	Front Position / End Outline Lamp	0.5 m cable	1
	2PF 959 855-257	Front Position / End Outline Lamp	0.5 m cable	24
	2XS 959 855-401	Rear Position / End Outline Lamp	0.5 m cable	1
	2XS 959 855-407	Rear Position / End Outline Lamp	0.5 m cable	24
	2XS 959 855-441	Rear Position / End Outline Lamp	2.5 m cable	1
	2XS 959 855-447	Rear Position / End Outline Lamp	2.5 m cable	16
	2XS 959 855-451	Rear Position / End Outline Lamp	0.5 m cable	1
	2XS 959 855-457	Rear Position / End Outline Lamp	0.5 m cable	24

SPARE PARTS / ACCESSORIES

Product Image	Part Number	Function	Packaging Unit
	9AB 959 655-201	Polished Stainless Steel Rim – ECE Engraved	1
	9HD 980 858-018	White Screw Cap	4

BRIEF INFORMATION

DuraLED Flush Mount Marker Lamps

→ High impact resistant lens made from Grilamid®
→ Ultra long service life
→ Slim design – thickness of 9 mm

PRODUCT FEATURES

HELLA, the world's premier automotive lighting specialist, has launched a new range of easy-mount DuraLED Marker and Position Lamps, featuring a lens made from a revolutionary, highly UV stable, ultra-durable Grilamid® optical nylon.
This lamp series includes a robust Multivolt circuit with very low power consumption.

The use of the Swiss Made high tech material Grilamid® for Marker and Position lamps is an industry first. Pioneered by HELLA some 5 years ago, the material properties of Grilamid® remain unmatched to this day.

Grilamid® has become the material of choice for operators of equipment regularly exposed to high vibration and impact conditions, as well as the myriad of common industry and agricultural chemicals.

Lightweight and easy to install, DuraLED Flush Mount Marker Lamps are UV, chemical, stress and impact resistant. Optional accessories include a marine grade – 316 stainless steel rim and coloured screw caps for a complete customized finish.

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FURTHER PRODUCT FEATURES

Reverse polarity protection
If the polarity is accidentally reversed, the light does not suffer any damage.

Contacts
0.5 m or 2.5 m sealed cable may be selected.

Sealed to withstand high-pressure cleaning
Tested to IP 6K7 and IP 6K9K, this light is protected from dust and water ingress under constant immersion.

High vibration resistance
The lights have been tested to HELLA Norm 67101 and meet the requirements for OEM production buses, commercial vehicles and tractors over 6.5 t.

Designed for a Fit and Forget service life
The latest LED technology provides an optimum signal pattern with low power consumption.

New slim design
Featuring a thickness of just 9 mm

LED LIGHTING TECHNOLOGY

As a leading innovator in the field of automotive original equipment, HELLA is setting benchmarks:

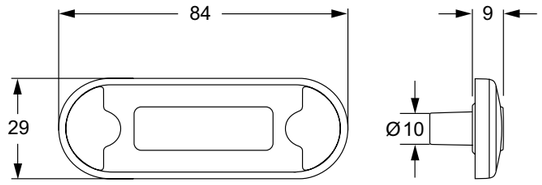
Extremely low energy consumption
With the combination of efficient light-emitting diodes (LEDs) and precision optics, HELLA lights achieve the statutory light distribution with over 90 % less power consumption compared to bulb lamps! No change of light source, no maintenance and an extremely long operating life due to optimal thermal management. To extend the design life of the light, the components are arranged in a way that optimises the temperature conditions, preventing overheating of the LEDs at high ambient temperatures. Competent thermal management maximises design life. The design life of these LED lamps corresponds to that of the vehicle.

TECHNICAL DETAILS

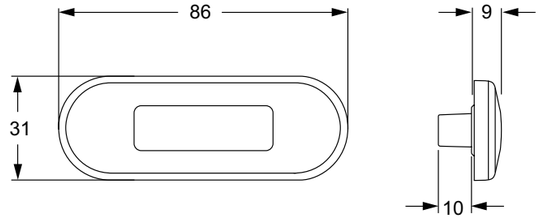
Technical Data	
Type approval*	ECE E5 5878
Operating voltage	12 V and 24 V
EMC approval	E5 10R-042899
Functions	Position lamp End-outline marker lamp
Mounting	horizontal er vertical
Number of LEDs	2
Power consumption	0.5 W
Operating temperature	-40°C to +60°C
Protection class	IP 6K7, IP 6K9K
Contacts	0.5 m or 2.5 m cable
Installation	Screw connection with 2 screws Ø 5 mm
Specification	Norm 67101, class 1.2, 2.2, 3.2, 4.1, 5.1, 6.1, 7.2, 10.2, 11.2
Design life	Design life of the vehicle*

* Dependent upon the operating temperature

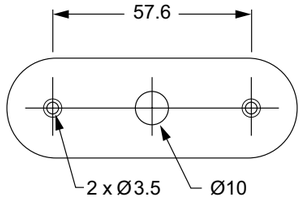
Technical drawing



With optional Stainless Steel rim



Hole Pattern



All dimensions in mm

INSTALLATION

APPLICATION EXAMPLES