

LED Inlight



Interior lighting for vehicles staged
in showrooms and at trade fairs



The “inner values” of your vehicle

Use the Areus Inlight 1228 to present the interior of your vehicles at trade shows in daylight-like lighting. Gleaming spotlight at trade fairs often makes car interiors appear dark and gloomy. In close collaboration with leading automotive manufacturers, Areus Engineering has therefore developed the interior light Inlight 1228 with LED technology: A lighting system that meets the requirements of exhibition practice at all levels - it offers you fast assembly, flexible power supply and high power with low consumption.

The LED technology by Areus creates a mood that leaves visitors astonished; however, without being conspicuous or creating a glare. The view does not distract from the vehicle's essentials - the comfort and the ambiance of the interior remain captivating in their entirety.



The right light

Areus Engineering has adapted the perceived luminous color of the Inlight 1228 to the conditions typically found at trade fairs. The LED technology of our interior lights provides a daylight-like luminous color, combined with a lifetime of approximately 50,000 operating hours.

Areus interior lights have proved their worth at numerous trade fairs: These lights have been employed at the International Automobile Exhibition in Frankfurt (IAA), at the Geneva International Motor Show, at the North American International Auto Show Detroit, at the New York International Auto Show, the Tokyo Motor Show, and the Mondial de l'Automobile Paris.

Using the right energy

Three different power sources are available for connecting the Areus Inlight 1228: The Areus PowerAccu, the power supply available at the fair's booth or the car battery. The power supply lines are installed inconspicuously in the vehicle's interior and each interior light is equipped with a miniaturized ballast. In a car, the device is fed directly 12 Volt, in a truck 24 Volt are used – providing the perfect light, discreet and safe.





Fast and uncluttered installation – regardless of the vehicle model

In only a few steps, an ideal light situation can be created in the interior of your vehicles with the Areus Inlight 1228. The versatile mounting system allows fast and reliable adjustment in any vehicle make and series. Stainless steel brackets ensure to keep the light sources in the joints of the inner panels of the vehicle – drilling holes is superfluous, and your exhibition model remains in sound condition.

Each light has a separate input and output and can be combined with other light fixtures. Supply lines are concealed under the lining of the interior – cables are not exposed and thus do not interfere with the impression of the customer.

Product data:

- Ink temperature 6,000 Kelvin
- Color rendering index > 80, typically 85
- Light output: > 80 lm/W
- Total luminous flux: approx. 650 lm
- Supply voltage range:
10 to 24 V
- Power consumption: max. 8.5 Watt
- Temperature sensors:
if the circuit board temperature exceeds
85° C, the dimming function is triggered



Technical data

Interior lights

Inlight LED 1228

Electrical connection

Power supply	10 to 24 V DC
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Equipment data

Rating	8.5 Watt typically
Mean service life (illuminant)	approx. 50,000 hours
Temperature range	-20° C to 60° C
Illuminant	114 SMD LED 3020
Ink temperature	6,000 Kelvin
Color rendering index	> 80, typically 85
Luminous flux	650 lumen
Light output:	80 lm/W
Temperature sensors	if the circuit board temperature exceeds 85°C, the dimming function is triggered
Reverse polarity protection	mechanically and electronically

Mechanical system

Housing	ABS RAL7035
Diffuser	PC
Connections	2x Molex plug connectors 436500212
Dimensions L x W x H	280 x 24 x 18.6 mm
Weight	67 g

Accessories

Item number

Adapter cable XHP-Molex 43640 0.23 m	100520
Extension cord Molex 43640 2.0 m	100517
Extension cord Molex 43645 2.0 m	100466
Extension cord Molex 43645 4.5 m	100464
Universal or custom-made stainless steel bracket	upon request

General information

Service	Areus (optional)
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