LZD 2877

REAR MULTIFUNCTION LIGHT CUBE WITH BLACK FRAME LZD 2877

TECHNICAL DATA

Light group	Light category	LED light
HOR 164	multifunction rear	yes
LED quantity	**Rear position light**	**Rear direction indicator**
98	yes	yes
Brake light	**Side**	**Supply voltage**
yes	universal	12/24 V
Cable	**Operating temperature range**	**Ingress protection rating**
5×0,5 mm2; cable length 1 m	from -30°C to +50°C	IP68

DESCRIPTION

The **CUBE LZD 2877 rear combination lamp** is a modern and visually striking LED lighting solution that combines high functionality with an attractive, minimalist design. Its distinctive light pattern – featuring dynamic, angular lines alongside precise horizontal LED strips – ensures the vehicle immediately stands out on the road. **It is designed for drivers who expect more than standard lighting solutions.**

The product has been developed for a wide range of commercial vehicles. It is ideal for trailers, semi-trailers, trucks, agricultural machinery, and special-purpose vehicles, where durability, resistance, and clear light signaling are essential. Its universal design allows installation on both the left and right sides of the vehicle, **as well as in horizontal or vertical positions**, making it easy to adapt to various vehicle body types.

The lamp is equipped with three main functions:
– **rear NEON position light**: 1.3/1.8 W
– **brake light**: 1.9/2.4 W
– **rear NEON turn signal** with optional sequential activation: 3.3/4.4 W

The **slightly tinted lens** gives it a modern appearance without negatively affecting light intensity. Thanks to its **universal 12/24 V power supply**, the product is compatible with most electrical systems used in vehicles.

Its robust construction and **high IP68 protection rating** ensure complete resistance to dust, water, and harsh weather conditions, while the **operating temperature range from -30°C to +50°C** guarantees reliable performance all year round. The lamp meets **electromagnetic compatibility (EMC)** requirements and holds R148 and R10 approvals, confirming compliance with applicable standards.

An additional advantage is its installation flexibility – the lamp can be mounted with or without the outer frame, depending on the desired visual effect and vehicle body design. The set also includes a practical spacer frame, enabling stable and aesthetic installation on flat surfaces and making it easier to adapt the lamp to different constructions. A 1-meter cable with clearly color-coded wires significantly simplifies installation. An additional wire (**blue**) allows for a progressive turn signal effect when two, three, or four lamps are installed side by side, ensuring all modules operate in a consistent, harmonious, and sequential pattern.

Wire designation:
white – ground
black – position light
red – brake light
yellow – turn signal
blue – for achieving a progressive turn signal effect (**optional**)

The LZD 2877 model is also available in an **alternative version with a metallized frame (LZD 2880)**, allowing users to match the lamp's appearance to their individual preferences.

The product is entirely designed and **manufactured in Poland** by the **HORPOL company**, ensuring high quality, durability, and attention to every detail.