

## LWD 2864

### RECTANGULAR INTERIOR LIGHT WITH WHITE AND BLUE LEDS LWD 2864

#### TECHNICAL DATA

Light group	Light category	LED light
HOR 66	interior	tak
LED quantity	Wavelength of light	Side
6	470 nm	universal
Supply voltage	Power rating	Cable
12/24 V	white LEDs 0.4/0.2 W; blue LEDs 0.7 W/1.3 W	3×0,5 mm <sup>2</sup> ; cable length 0,5 m
Operating temperature range	Light colour	Colour temperature
from -30°C to +50°C	white-blue	5000 K
Luminous flux	Ingress protection rating	
white LEDs 560 lm; blue LEDs 20 lm	IP65	

#### DESCRIPTION

**LWD 2864** is an [LED interior lamp](#) designed for vehicle interiors, featuring two lighting modes: **white light** and **blue light**. The white light has a **color temperature of 5000 K** and a **luminous flux of 560 lm**, while the blue light has a **wavelength of 470 nm** and a **luminous flux of 20 lm**, allowing it to serve as a signaling or auxiliary light source.

The blue light is used as supplementary orientation and signaling lighting. It helps identify interior spaces under low-visibility conditions, can function as a night light, and supports the eye's adaptation to darkness without causing excessive glare.

The lamp is designed for use in both **12 V and 24 V electrical systems**, making it suitable for a wide range of vehicle types. Its **120° beam angle** ensures effective illumination of the interior.

The housing is rated **IP65**, providing protection against dust and water jets and enabling reliable operation in demanding environmental conditions within a temperature range of **-30°C to +50°C**.

#### Power consumption:

- white LEDs: **0.4 W/0.2 W** (12 V/24 V);
- blue LEDs: **0.7 W/1.3 W** (12 V/24 V).

#### Wiring:

The lamp is equipped with a **3-core round cable (3 × 0.5 mm<sup>2</sup>)**:

- white - ground (negative);
- red - blue light;
- blue - white light.

The **LWD 2864** is a practical solution for vehicle interior lighting, providing two independent light colors and reliable performance across a wide range of operating conditions.