LWD 2185

RECTANGULAR INTERIOR LIGHT LWD 2185

TECHNICAL DATA

Light group	Light category	LED light
HOR 66	interior	yes
LED quantity	Wavelength of light	Side
6	470 nm	universal
Supply voltage	Power rating	Cable
12/24 V	10 W	2×1×0,75 mm2; cable length 0,5 m
Operating temperature range	Light colour	Luminous flux
from -30°C to +50°C	blue	180 lm
Ingress protection rating		
IP65		

DESCRIPTION

The **LWD 2185** is a rectangular interior lighting lamp designed for commercial, special-purpose, and recreational vehicles. Equipped with 6 LEDs, it emits **blue light** with a wavelength of **470 nm**, providing uniform and pleasant illumination of the vehicle interior.

The **120° beam angle** ensures effective lighting of a larger area while maintaining an even light distribution. As a result, the lamp performs well both as the primary lighting source for a selected interior zone and as auxiliary lighting that enhances user comfort after dark.

The blue light color is particularly suitable for applications where reducing glare and creating comfortable interior conditions during nighttime operation are important. Light at this wavelength subtly illuminates the cabin, storage compartments, or resting area without overpowering the surroundings. It is also widely used as accent lighting, enhancing the character of the interior and improving spatial orientation without the need for intense white light.

The lamp delivers a **luminous flux of 180 lm** with a **rated power of 10 W**. Compatibility with both **12 V and 24 V electrical systems** allows installation in a wide range of vehicles.

Its durable construction and **IP65 protection rating** provide resistance to dust and water jets, making the product suitable for demanding operating conditions. Reliable year-round performance is ensured by a wide operating temperature range from **-30°C to +50°C**.

The lamp complies with **electromagnetic compatibility (EMC)** requirements, ensuring that its operation does not interfere with other electrical and electronic equipment in the vehicle. In addition, it holds a **PZH hygienic certificate**, confirming its safe use in environments where high hygiene standards must be maintained.

Wire identification:
– Black: “+”
– White: “−”

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