ZLD 2645/1

UNIVERSAL WORK AREA LIGHT FOR MACHINERY ZLD 2645/1

TECHNICAL DATA

Light group	Light category	LED light
HOR 106	for the working area of machines	yes
LED quantity	Focused light	Wavelength of light
2	yes	465 nm
Side	Supply voltage	Power rating
universal	12 V	1 W
Cable	Operating temperature range	Light colour
2x0,75 mm2 ; flat, Supersal connector	from -40°C to +60°C	blue
Luminous flux	Ingress protection rating	
20 lm	IP68	

DESCRIPTION

The **ZLD 2645/1 universal work area lighting** is a compact and reliable solution designed for **professional illumination of the working field of agricultural machinery**. Thanks to the use of efficient **LED diodes** emitting **blue light**, the lamp provides precise lighting of a selected work area, increasing comfort and safety when working in demanding conditions.

The ZLD 2645/1 model is characterized by a **narrow**, **focused beam angle of 40°**, which allows the light to be effectively concentrated exactly where it is needed. A **rated power of 1 W (per lamp)** ensures energy-efficient operation while maintaining high luminous effectiveness. The **luminous flux is approximately 20 lm**, while the **wavelength of the emitted light is 465 nm**, providing clear and high-contrast illumination of the work area.

The lamp is designed to operate in harsh environmental conditions. A **temperature range from -40°C to +60°C** and a **high IP68 protection rating** ensure resistance to moisture, dust, mud, and vibrations.

The device is equipped with a **2×0.75 mm² flat cable, 0.5 m long**, terminated with a **Superseal socket and plug**, enabling quick and safe installation. Universal polarity further simplifies mounting and operation.

The lamp can be installed using an M4x16 metric screw with an M4 washer and nut, or with a cable tie, allowing easy adaptation of the installation method to specific applications.