LRD 3161

WORK LIGHT RAPTOR LRD 3161 (DISPERSED LIGHT, 2500 LM)

TECHNICAL DATA

Light group	Light category	LED light
HOR 150	working light	yes
LED quantity	Dispersed light	Side
12	yes	universal
Connection method	Supply voltage	Power rating
screw-on	12/24 V	26 W
Cable	Operating temperature range	Light colour
2×0,75 mm2; cable length 1,5 m	from -30°C to +50°C	white
Colour temperature	Luminous flux	Ingress protection rating
6500 K	2500 lm	IP68

DESCRIPTION

LRD 3161 RAPTOR work light – reliable illumination in all conditions.

The **LRD 3161 RAPTOR** is a LED work light, engineered for heavy-duty use in demanding off-road and industrial environments. Its **oval-shaped design**, featuring a protective **black grille**, delivers a uniform, **diffused beam** that effectively illuminates the work area without causing glare – even in complete darkness.

Equipped with **12 high-performance LEDs**, the lamp produces a powerful **2500-lumen light output**. The cold white light (**6500 K**), closely resembling natural daylight, ensures excellent visibility, greater work comfort, and improved safety – regardless of the time of day or weather conditions.

Designed with versatility in mind, the RAPTOR can be mounted on either side of a vehicle and is compatible with both **12 V and 24 V** electrical systems, making it suitable for a wide range of applications. Its adjustable tilt base allows precise control of the beam direction, so you can aim the light exactly where it’s needed.

A durable housing protects the lamp from mechanical damage, while the rear-mounted aluminum heat sink ensures efficient thermal management. **The lamp is equipped with a pressure equalizing membrane that prevents condensation inside the lamp and helps reduce the internal housing temperature**. **The lamp’s diffuser is made of high-quality, impact-resistant polycarbonate**, ensuring long and trouble-free operation under demanding conditions.

With an **IP 68 rating**, the LRD 3161 RAPTOR is fully resistant to dust, moisture, and harsh weather, and operates reliably in temperatures ranging **from -30°C to +50°C**. Additionally, it is R10-certified, guaranteeing electromagnetic compatibility and interference-free operation with other electronic devices (e.g. radios).

Applications:
– agricultural and construction machinery;
– trailers and semi-trailers;
– trucks and transport vehicles;
– tow trucks and roadside assistance vehicles;
– specialized and service vehicles.

The **LRD 3161 RAPTOR** is more than just a light source – it’s a dependable partner for everyday tasks where precision, safety, and reliability are essential.