LRD 3160

WORK LIGHT RAPTOR LRD 3160 (DISPERSED LIGHT, 5500 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	48 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	5500 lm	IP68

DESCRIPTION

LRD 3160 RAPTOR work lamp – reliable illumination in all conditions.

The LRD 3160 is a modern **LED** work lamp designed for intensive use in demanding off-road and industrial environments. Its **oval design**, combined with a precision-engineered **reflector**, delivers uniform, **diffused light** that illuminates the work area effectively without causing glare – even in complete darkness.

Equipped with **12 high-performance LEDs**, the lamp produces an impressive light output of **5500 lumens**, emitting a **cool white light** at **6500 K** – closely resembling natural daylight. This enhances visibility, work comfort, and safety for machine operators, 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. Additionally, its adjustable bracket allows users to precisely direct the beam exactly where it’s needed.

The lamp’s robust housing protects against mechanical damage, while the rear-mounted aluminum heat sink ensures efficient heat dissipation. **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.

Fully sealed (**IP 68-rated**), the lamp is resistant to moisture and dust and operates reliably in extreme temperatures ranging from **-30°C to +50°C**. R10 approval confirms compliance with electromagnetic standards, ensuring it doesn’t interfere with other onboard electronics (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 3160 is more than just a light source – it’s a dependable partner in everyday work, where precision, safety, and durability are essential.