

## LRD 3160

### WORK LIGHT RAPTOR (DISPERSED LIGHT, 5500 LM)

**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.

### DANE TECHNICZNE

Dispersed light	Light group	LED quantity
yes	HOR 150	12
Light category	Supply voltage	Light colour
working light	12/24 V	white
Power rating	Operating temperature range	Cable
48 W	from -30°C to +50°C	2×0,75 mm <sup>2</sup> ; cable length 1,5 m
Connection method	Side	Colour temperature
screw-on	universal	6500 K
Luminous flux	LED light	Ingress protection rating
5500 lm	yes	IP 68

### OPIS

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.

