LRD 3181

WORK LIGHT RAPTOR LRD 3181 (DISPERSED LIGHT, 1600 LM)

TECHNICAL DATA

Light group	Light category	LED light
HOR 156	working light	yes
LED quantity	Dispersed light	Side
6	yes	universal
Supply voltage	Power rating	Cable
12/24 V	18 W	2×0,75 mm2; cable length 1,5 m
Operating temperature range	Light colour	Colour temperature
from -30°C to +50°C	white	6500 K
Luminous flux	Ingress protection rating	
1600 lm	IP68	

DESCRIPTION

RAPTOR LRD 3181 work lamp – powerful illumination for demanding tasks.

Designed for challenging environments, the **RAPTOR LRD 3181** delivers high efficiency and durability in all conditions. Equipped with **6 LED diodes** with a total power of **18 W**, it delivers a luminous flux of 1600 lm at **6500 K**, providing bright and clear lighting that makes work after dark much easier.

Its **round design**, fitted with a **black grille**, ensures even, **diffused light** that effectively illuminates the work area without causing glare – even in complete darkness. The tilting base allows adjustment of the lighting angle, so the beam can be directed exactly where it is needed.

The lamp’s robust housing provides effective protection against mechanical damage, while the aluminum heat sink on the back 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.

The lamp is fully sealed (**IP 68 protection rating**), guaranteeing resistance to moisture and dust, as well as reliable operation in extreme temperatures ranging from **-30°C to +50°C**. R10 approval confirms compliance with electromagnetic standards, meaning it does not interfere with other electronic devices in the vehicle (e.g., radio).

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