



PM-112

HEAVY DUTY LED LIGHT



THINK GREEN

The Pit Master LED lights are designed for optimum performance in terms of lumen output, power consumption and reliability. Three parameters are balanced to maximise lumen/W parameters without sacrificing system reliability. In-house electronics manufacturing gives Pit Master full control over the quality of all products.

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HEAVY DUTY LED LIGHT

LED lighting is a new emerging technology that requires multidisciplinary engineering team specialising in power electronics components, thermal management, mechanical engineering, control and measurement software and hardware design, optics design and system engineering.

SPECIFICATIONS

FEATURES

- Designed for mining and industrial applications
- Ingress protection IP68 rated
- Tempered glass lens
- Deutsch connector
- Built in thermal management
- No radio frequency interference
- Designed with the latest in LED and power management technology. Built in thermal management electronics monitors system performance to ensure constant and maximum light outputs
- LED array delivers 49,000 lumen output
- Built-in electronic thermal management with a state of the art current driver provides optimum light output and a luminary life time span that exceeds 50k hours.



TECHNICAL DATA

Color temperature	6400K / 2700K (turtle friendly)
CRI	≥70
Luminous flux	49000Lm
Luminous efficiency	125Lm/W
Beam angle	60 degrees
Life	50,000 hrs
Power	400W
Input voltage	24Vdc (18-36)
Max input current	4.5A @24V
Driver efficiency	> 90%
Operating temperature	-50~+50 degrees celcius
Storage temperature	-20~+50 degrees celcius

MEASUREMENTS

Height	153 mm
Length	507 mm
Width	208.5 mm
Weight	9.6kg

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