



PIT MASTER

LED LIGHTING TOWERS



# PM-30048v

## HEAVY DUTY LED LIGHT



*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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# PM-30048v

## 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
- Lumileds LED chips
- Sosen Driver
- High output and excellent thermal design
- Light weight and attractive appearance
- Universal voltage 90 - 305 Vac
- 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
- 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	5000K
CRI	≥70
Luminous flux	45000Lm
Luminous efficiency	150Lm/W
Beam angle	60 degrees
Life	50,000 hrs
Power	300W
Input voltage	90-305 Vac
Max input current	3.4A @24V
Frequency	50/60 Hz
Output Current	6A
Power Factor	≥0.95
Driver efficiency	>90%
High Voltage test	1500 Vac/1 min
Operating temperature	-40~+50 degrees celcius
Storage temperature	-40~+70 degrees celcius

### MEASUREMENTS

Height	140 mm
Length	360 mm
Width	427 mm
Weight	9.7kg

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