

## LW16W LED Work Light 1000586\_002

## **Product Description**

LW16 series of LED working lights high-reliability LED light source is selected, the whole lamp has a long life, safe operation and maintenance-free. The design is light and compact, suitable for such as agricultural machinery, small construction machinery and forlift.

## **Product Features**

- High-reliability and high-efficiency LED light source, high efficiency, long life, energy saving and environmental protection.
- Integrated design of radiator and lamp housing, strong integrity, sufficient heat dissipation, light weight and good shock resistance.
- It can realize quick opening and ultra-low temperature cold start (-40°C).
- The angle of the mounting bracket is adjustable, which is suitable for multiple locations.
- Wide input voltage range, with over-voltage, over-heating, short-circuit and other protection circuits, and automotive-grade constant current drive, which can cope with complex power supply environments and work stably.
- The luminaire has a built-in connector for quick disassembly and assembly.
- The lampshade and the lens are integrated design, which has the function of protection and condensing.
- The product has multiple color temperature options, high color rendering index, good color rendering, eliminating glare and enhancing visual effects.









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| Electrical        |   |
|-------------------|---|
| Operating voltage | 18-32VDC                                  |
| Power consumption | 12W                                       |
| Wiring            | Built-in connector(1 positive 2 negative) |
| ESD               | IEC61000-4-2                              |
|                   | Contact Discharge:±8kV                    |
|                   | Air Discharge:±15kV                       |
| EFT               | IEC61000-4-4:input 1kV                    |
| Surge             | Line-Line:1kV                             |
|                   |   |

| Mechanical               |                     |
|--------------------------|---------------------|
| Housing color            | Black               |
| Housing material         | Aluminum alloy      |
| Cover material           | PC                  |
| Surface finishing        | Polyester coating   |
| Weight                   | 0.35kg              |
| Mounting                 | M10 bolt            |
| Operating<br>temperature | -40°C~+70°C         |
| Vibration resistant rate | IEC60068-2-6 10g    |
| IP rate                  | IEC60529 IP68/IP69K |
| Salt spray rate          | ISO9227 NSS 48h     |

| Photometric   |         |
|---------------|---------|
| Light source  | LED     |
| CCT           | 2700К   |
| Lumens        | 1500lm  |
| Beam angle    | 30°     |
| LEDs lifetime | ≥20000h |
|               |         |

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