

DataSheet AWL

INTRODUCTION

The latest generation of worklights by MTX LED, a Romanian manufacturer, is ideally for working in the most demanding applications. The worklights are widely applied in ambulances, fire-fighting vehicles and police car.



The use of new-generation LEDs very high light output efficiency values 1400 lm for the 15 W AWL lamp (2200 lm, 25 W for high power version). The aluminum fixtures (body) guarantee adequate LED cooling, extraordinary resistance to mechanic damages, impacts or humidity. AWL lamp is waterproof and has IP67 code. This features establishes a new standard on the market of lamps intended to work in the most demanding environments. The innovative appearance and good performance give the lamp a significant competitive advantage on the market.

SPECIFICATION

	AWL-14-CW-75-AAG-x*	AWL-22-CW-75-AAG-x*
Module Luminous flux	1600 lm	2700 lm
Lamp Luminous flux	1400 lm	2200 lm
LED family	PC33H07	PC33H07
CCT	5000 K	5000 K
CRI min	80	80
Input voltage	9-30 V	9-30 V
Power supply type	DC	DC
Power consumption	15 W	25 W
Number of LEDs	24	24
Operating temperature	-30°C + 50°C	-30°C + 50°C
Tc max.	85°C	85°C
Dimensions	270/52.2/33.5 mm	270/52.2/33.5 mm
IP Code	IP67	IP67
Radiator colour*	Black, Red, White	Black, Red, White
Cable length	300 mm	300 mm
Cable type	UL1007/UL1569 (AWG18)	UL1007/UL1569 (AWG18)
Weight	450 g	450 g
Available Reflectors angle	75°/100°	75°/100°
Lifetime**	≥ 35000 h	≥ 35000 h

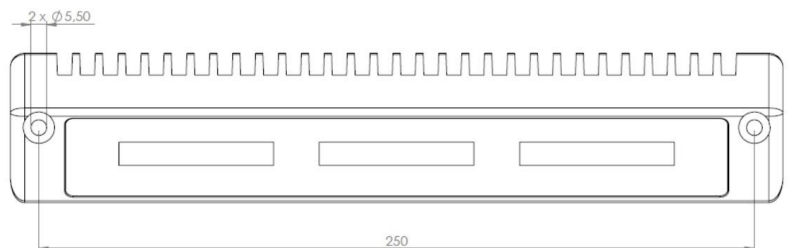
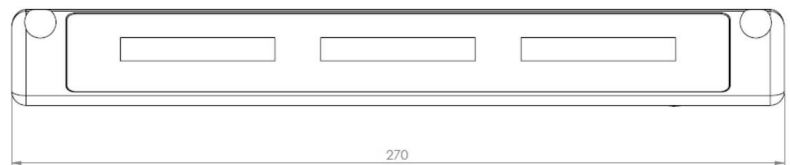
*Radiator colour

** Estimated lifetime based on calculated lifetime of critical components

FEATURES

- High efficiency
- Reverse voltage protection
- Overheat protection
- Heavy duty construction – aluminum heatsink

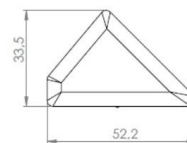
DIMENSIONS



APPLICATIONS

MTXLED AWL can be widely used in different types of application:

- Lights for ambulance
- Fire-fighting vehicles lights
- Lights for police car
- Work area lights
- Auxilliary vehicle lights



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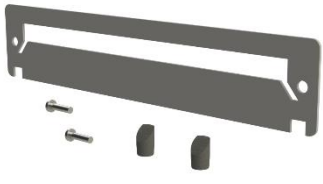
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ACCESSORIES

AWL-ACC		
NO	Description	QTY.
1	Rubber foam pad	1
2	Plug	2
3	St.4.8x25 Screw	2



ORDERING CODE

Ordering code	Item	Description
160712.14330753	AWL-14-CW-75-AAG-B	15 W AWL Lamp, 5000 K, 75° FWHM, black
160712.14331753	AWL-14-CW-75-AAG-R	15 W AWL Lamp, 5000 K, 75° FWHM, red
160712.14332753	AWL-14-CW-75-AAG-W	15 W AWL Lamp, 5000 K, 75° FWHM, white
160712.143y9753*	AWL-14-yy-75-AAG-x*	15 W AWL Lamp, 75° FWHM, Custom Version*
160712.22330753	AWL-22-CW-75-AAG-B	25 W AWL Lamp, 5000 K, 75° FWHM, black
160712.22331753	AWL-22-CW-75-AAG-R	25 W AWL Lamp, 5000 K, 75° FWHM, red
160712.22332753	AWL-22-CW-75-AAG-W	25 W AWL Lamp, 5000 K, 75° FWHM, white
160712.223y9753*	AWL-22-yy-75-AAG-x*	25 W AWL Lamp, 75° FWHM, Custom Version*
160712.00000003	AWL-ACC	Accessory pack

*custom version possible change CCT (correlated color temperature) (yy) and radiator colour (x)

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