

DataSheet sRWM

INTRODUCTION

The latest generation of worklights by MTX LED a Romanian manufacturer, is ideally suited for road lighting in the most demanding applications. The lamps are widely applied in heavyweight trucks, off-road cars, roadside assistant vehicles and construction machines or fire-fighting vehicles.

The use of new-generation LEDs by CREE® in driving lights and position lights guarantees very high reflector efficiency. The aluminum fixtures (body & front) guarantee adequate LED cooling which, combined with an equally durable tempered glass cover, guarantees extraordinary resistance to mechanic damages, impacts or humidity, and establishes a new standard on the market of road lighting intended to work in the most demanding environments. The innovative appearance and simple installation give the lamp a significant competitive advantage on the market.

SPECIFICATION

	sRWM-35-CW-AAG	sRWM-45-CW-AAG	sRWM-54-CW-AAG
Compliance	R7, R112, R10	R7, R10	R7, R10
LED Module Luminous Flux	4010 lm	5160 lm	6220 lm
Lamp Luminous Flux	3500 lm	4500 lm	5430 lm
LED family	CREE® XT-E	CREE® XPG-3	CREE® XPL-2
Colour Temperature	5000 K	5700 K	5700 K
CRI Colour Rendering Index	70	70	70
Supply Voltage Range	10.5-31V	10.5-31V	10.5-31V
Power supply type	DC	DC	DC
Maximum Power High Beam	36 W	43W	50 W
Maximum Power Position lights	4W	4W	4W
Number of LEDs Ambient	9+21	9+21	9+21
Temperature Range	-30°C ÷ 50° C	-30°C ÷ 50° C	-30°C ÷ 50° C
Tc max.	85° C	85° C	85° C
Dimensions	Φ180x83	Φ180x83	Φ180x83
IP rating	IP67	IP67	IP67
Radiator color	black	black	black
Cable length	500 mm	500 mm	500 mm
Cable type	H05RN-F	H05RN-F	H05RN-F
Weight	0,75mm2	0,75mm2	0,75mm2
Beam Angle*	1,6kg	1,6kg	1,6kg
Available Connectors**	15°, 35°	15°, 35°	15°, 35°
Lifetime***	OH-2, ATM	OH-2, ATM	OH-2, ATM
	≥ 35000 h	≥ 35000 h	

* As accessory
***Estimated lifetime based on calculated lifetime of critical components

APPLICATIONS

sRWM can be widely used in different types of application:

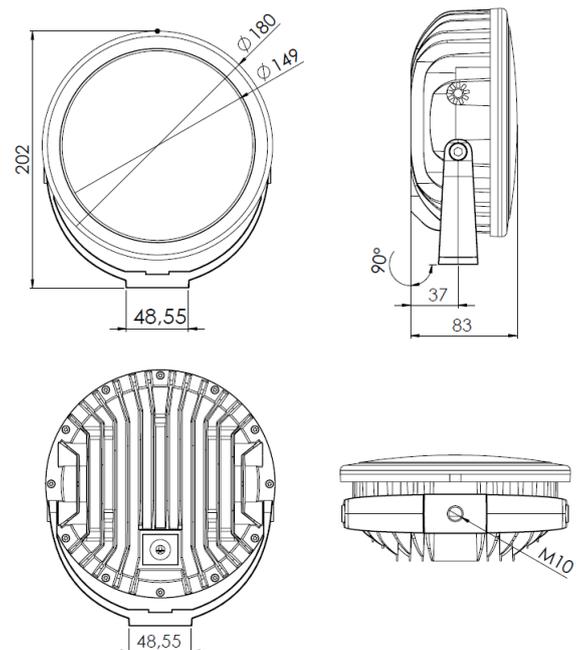
- Auxiliary vehicle lights
- Tow truck work lights
- Off-Road cars lights
- Roadside assistant vehicles
- Heavyweight trucks lights
- Fire-fighting vehicles lights



FEATURES

- Cree® LEDs
- High efficiency
- Heavy duty construction – aluminum heatsink
- Overheat protection
- Reverse voltage protection
- Reflectors covered with tempered glass

DIMENSIONS



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MTX LED reserves the right to make technical changes without prior notice.

ACCESSORIES



MOUNTING KITS

RWM-MK1			RWM-MK2		
No.	Description	QTY.	No.	Description	QTY.
1	Bolt M10x30	1	1	Bolt M8x55	2
2	Nut M10	1	2	Distance sleeve	2
3	Washer M10	1	3	Washer M8	2
4	Spring Washer M10	1	4	Spring washer M8	2
5	Screw M8x20	2			

ORDERING CODE

Ordering code	Item	Description
180403.353300B1	sRWM-35-CW-AAG	3500 lm, 5000 K
180403.503200B1	sRWM-45-CW-AAG	4500 lm, 5700 K
180403.543200B1	sRWM-54-CW-AAG	5400 lm, 5700 K
180403.xx3yy0zz1	sRWM-xx-yy-zz-AAG*	Custom version

* Custom version - possible change: CCT correlated color temperature (yy), FWHM angle reflector (zz), power consumption - Luminous flux (xx) (maximum power 50 [W])

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