



# RRTM-(S)ES - "GME-Motion" Roof Robot Series

*Roof robot telescopic mast lighting systems for SUV's, vans & fire fighting vehicles*

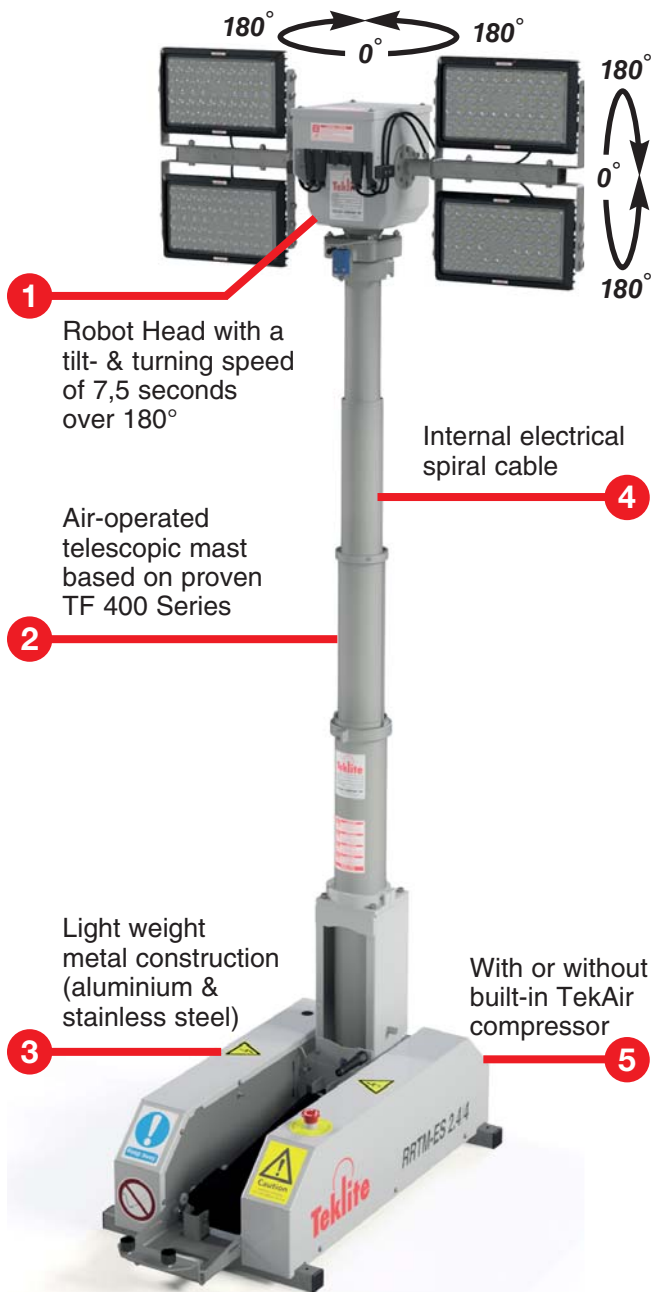


**NEW**  
**RRTM-(S)ES**

**MOBILE LIGHTING SYSTEMS**

# Mast specifications

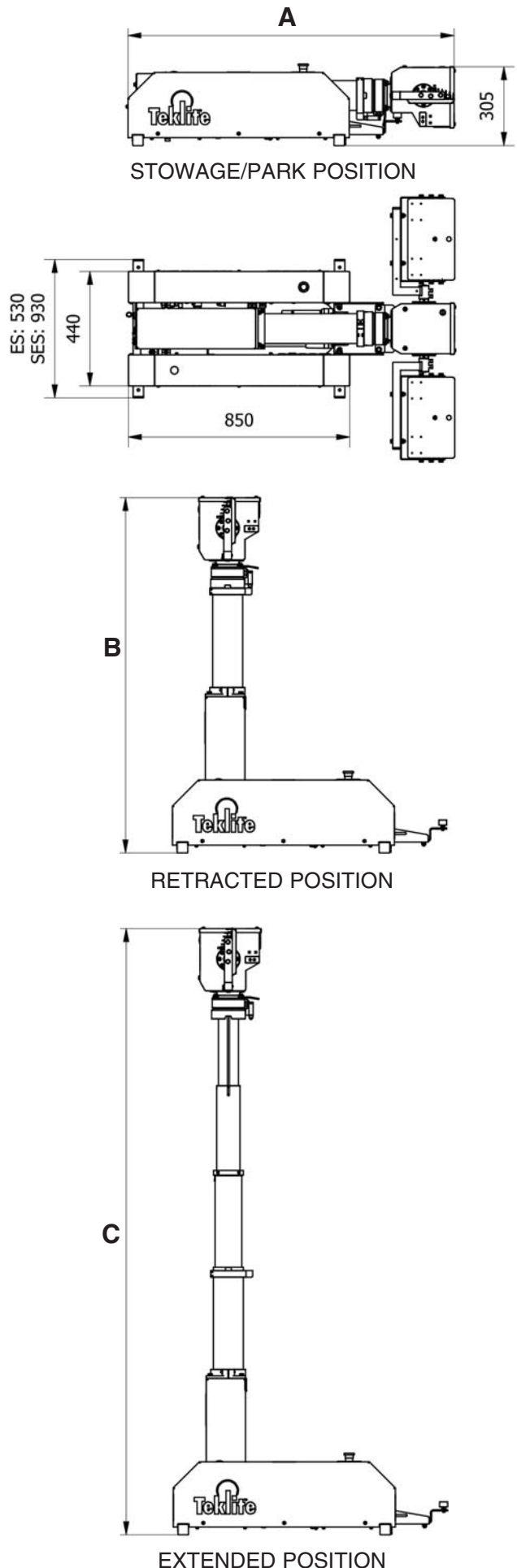
## Technical details



## Features

- Electric system powered from the 12/24 volt vehicle battery and controlled by cable remote control.
- It is possible to operate the roof robot lighting system with a single or double cable remote control, with or without RF remote control.
- When the operation is over, a simple push of the button "mast down/park" turns the lamps to the stowage position and retracts the roof robot. This cycle may also be automatically started by the release of the vehicle handbrake.
- Robot lighting head tilts 180° down and 180° up starting from zero position. The robot head turns also 180° to the left and 180° to the right starting from zero position, at the touch of a button.
- Lamps can be either 12/24 volt or 110/230 volt if there is a generator on board.
- Fire CAN & CAN Open Interfaces available on request.
- Safety LED Up-Light & beacon available on request.

## Dimensions (mm)



# Mast models

For Roof Robots with a built in compressor refer to "Cat. No. PP",  
for Roof Robots that use the vehicle air pressure system refer to "Cat. No. APR".

## RRTM-ES "GME-Motion" 2.0/4 Models

Cat. No. PP	Cat. No. APR	Description	Max. headload (120 km/h) Weight / Wind Surface	Total weight
53260	53300	RRTM-ES "GME-Motion" 2.0/4 12V	42 kg / 0,70 m <sup>2</sup>	68 kg
53261	53301	RRTM-ES "GME-Motion" 2.0/4 12V Deadman Function	42 kg / 0,70 m <sup>2</sup>	68 kg
53262	53302	RRTM-ES "GME-Motion" 2.0/4 24V	42 kg / 0,70 m <sup>2</sup>	68 kg
53263	53303	RRTM-ES "GME-Motion" 2.0/4 24V Deadman Function	42 kg / 0,70 m <sup>2</sup>	68 kg

Dimensions : (A = 1170 mm; B = 1280 mm; C = 2000 mm)

## RRTM-ES "GME-Motion" 2.6/4 Models

Cat. No. PP	Cat. No. APR	Description	Max. headload (120 km/h) Weight / Wind Surface	Total weight
53264	53304	RRTM-ES "GME-Motion" 2.6/4 12V	42 kg / 0,50 m <sup>2</sup>	70 kg
53265	53305	RRTM-ES "GME-Motion" 2.6/4 12V Deadman Function	42 kg / 0,50 m <sup>2</sup>	70 kg
53266	53306	RRTM-ES "GME-Motion" 2.6/4 24V	42 kg / 0,50 m <sup>2</sup>	70 kg
53267	53307	RRTM-ES "GME-Motion" 2.6/4 24V Deadman Function	42 kg / 0,50 m <sup>2</sup>	70 kg

Dimensions : (A = 1250 mm; B = 1360 mm; C = 2610 mm)

## RRTM-ES "GME-Motion" 3.3/4 Models

Cat. No. PP	Cat. No. APR	Description	Max. headload (120 km/h) Weight / Wind Surface	Total weight
53268	53308	RRTM-ES "GME-Motion" 3.3/4 12V	42 kg / 0,35 m <sup>2</sup>	76 kg
53269	53309	RRTM-ES "GME-Motion" 3.3/4 12V Deadman Function	42 kg / 0,35 m <sup>2</sup>	76 kg
53270	53310	RRTM-ES "GME-Motion" 3.3/4 24V	42 kg / 0,35 m <sup>2</sup>	76 kg
53271	53311	RRTM-ES "GME-Motion" 3.3/4 24V Deadman Function	42 kg / 0,35 m <sup>2</sup>	76 kg

Dimensions : (A = 1450 mm; B = 1570 mm; C = 3210 mm)

## RRTM-SES "GME-Motion" 4.0/4 Models

Cat. No. PP	Cat. No. APR	Description	Max. headload (120 km/h) Weight / Wind Surface	Total weight
53464	53496	RRTM-SES "GME-Motion" 4.0/4 12V	32 kg / 0,25 m <sup>2</sup>	81 kg
53465	53497	RRTM-SES "GME-Motion" 4.0/4 12V Deadman Function	32 kg / 0,25 m <sup>2</sup>	81 kg
53466	53498	RRTM-SES "GME-Motion" 4.0/4 24V	32 kg / 0,25 m <sup>2</sup>	81 kg
53467	53499	RRTM-SES "GME-Motion" 4.0/4 24V Deadman Function	32 kg / 0,25 m <sup>2</sup>	81 kg

Dimensions : (A = 1670 mm; B = 1780 mm; C = 3960 mm)

## RRTM-SES "GME-Motion" 4.5/4 Models

Cat. No. PP	Cat. No. APR	Description	Max. headload (120 km/h) Weight / Wind Surface	Total weight
53468	53500	RRTM-SES "GME-Motion" 4.5/4 12V	27 kg / 0,20 m <sup>2</sup>	84 kg
53469	53501	RRTM-SES "GME-Motion" 4.5/4 12V Deadman Function	27 kg / 0,20 m <sup>2</sup>	84 kg
53470	53502	RRTM-SES "GME-Motion" 4.5/4 24V	27 kg / 0,20 m <sup>2</sup>	84 kg
53471	53503	RRTM-SES "GME-Motion" 4.5/4 24V Deadman Function	27 kg / 0,20 m <sup>2</sup>	84 kg

Dimensions : (A = 1780 mm; B = 1890 mm; C = 4460 mm)

\* All mast models can be equipped with a data cable (Cat 5E/micro coax), suitable for video & audio applications.

# Remote controls



### Cable Remote Control-YH

Cat. No. 38682 (Spanish)

Cat. No. 38683 (English)

Cat. No. 38684 (German)

1,5 metre spiral cable + 10 metres linear cable

### Cable Remote Control functions

- Unlock button (only on LVG version)
- Extend the roof robot
- Switch the lighting "on" and "off", left (lights 1) and right (lights 2)
- Beacon switch
- Turn and tilt the lamps in any direction
- Automatic return to the park position



### RF Remote Control Kit

Cat. No. 36002 (Optional)

Kit contents: - RF Remote control  
- 230 Volt charger  
- 12/24 Volt car charger  
(Optional up to 6 light buttons)



### Cable Remote Control-LVG

Cat. No. 35992

1,25 metre spiral cable +  
10 metres linear cable  
(Optional up to 6 light buttons)

# Lamp choice

## Set of 2 lamps mounted on Robot Head "GME-Motion"

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
27301	2 x 750 Watt Halogen*	230V AC	33.750	7,6 kg	0,17 m <sup>2</sup>
25280	2 x 1000 Watt Halogen*	230V AC	44.000	7,6 kg	0,17 m <sup>2</sup>
25860	2 x 1500 Watt Halogen*	230V AC	66.000	9,6 kg	0,20 m <sup>2</sup>
51982	2 x 50 Watt LED	12-24V DC	17.000	5,0 kg	0,08 m <sup>2</sup>
52183	2 x 50 Watt LED	110-230V AC	17.000	6,4 kg	0,08 m <sup>2</sup>
52671	2 x 100 Watt LED	24V DC	25.000	4,8 kg	0,05 m <sup>2</sup>
51787	2 x 100 Watt LED	24V DC	42.000	8,5 kg	0,15 m <sup>2</sup>
51788	2 x 100 Watt LED	110-230V AC	42.000	10,8 kg	0,15 m <sup>2</sup>
53535	2 x 225 Watt LED	24V DC	50.000	11,2 kg	0,12 m <sup>2</sup>
52995	2 x 300 Watt LED	110-230V AC	90.000	14,7 kg	0,20 m <sup>2</sup>

Model 2 x 300 Watt LED (52995)



## Set of 4 lamps mounted on Robot Head "GME-Motion"

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
25282	4 x 500 Watt Halogen*!	230V AC	38.000	6,9 kg	0,13 m <sup>2</sup>
27366	4 x 750 Watt Halogen*!!	230V AC	67.500	12,5 kg	0,30 m <sup>2</sup>
25283	4 x 1000 Watt Halogen*!!	230V AC	88.000	12,5 kg	0,30 m <sup>2</sup>
25861	4 x 1000 Watt Halogen*	230V DC	132.000	15,3 kg	0,37 m <sup>2</sup>
51983	4 x 50 Watt LED	12-24V DC	34.000	8,0 kg	0,13 m <sup>2</sup>
52704	4 x 50 Watt LED	110-230V AC	34.000	10,9 kg	0,13 m <sup>2</sup>
52672	4 x 100 Watt LED	24V DC	50.000	8,2 kg	0,09 m <sup>2</sup>
51789	4 x 100 Watt LED!	24V DC	84.000	14,4 kg	0,25 m <sup>2</sup>
51790	4 x 100 Watt LED!	110-230V AC	84.000	19,0 kg	0,25 m <sup>2</sup>
53536	4 x 225 Watt LED	24V DC	100.000	20,4 kg	0,20 m <sup>2</sup>
52996	4 x 300 Watt LED!	110-230V AC	180.000	26,4 kg	0,35 m <sup>2</sup>

Model 4 x 1000 Watt Halogen\*!! (25283)



## Set of 6 lamps mounted on Robot Head "GME-Motion"

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
33435	6 x 500 Watt Halogen*!!	230V AC	57.000	11,5 kg	0,20 m <sup>2</sup>
52706	6 x 45 Watt LED!	24V DC	28.800	5,3 kg	0,08 m <sup>2</sup>
37664	6 x 50 Watt LED	24V DC	40.200	10,4 kg	0,11 m <sup>2</sup>
38887	6 x 50 Watt LED (vertical)!	24V DC	40.200	11,5 kg	0,11 m <sup>2</sup>
33422	6 x 50 Watt LED (horizontal)	24V DC	40.200	11,6 kg	0,13 m <sup>2</sup>
53021	6 x 100 Watt LED	24V DC	75.000	12,6 kg	0,16 m <sup>2</sup>
53022	6 x 100 Watt LED (vertical)!	24V DC	75.000	13,8 kg	0,16 m <sup>2</sup>

Model 6 x 100 Watt LED (53021)



Other lamp units available on request.

\* Lamp unit available with lamp protection guard (option).

Put a "P" after the lamp unit cat. no. for ordering purposes. Also available in 110V AC version.

! Lamp unit does not fit on RRTM-ES 2.0/4

! Lamp unit does not fit on RRTM-ES 2.6/4

# Beacon Models



### Teklite Quadriflash

Model \_\_\_\_\_ Cat. No. 52262

Available colours:  
red, blue, amber and green



### LED Beacon

Model \_\_\_\_\_ Cat. No. 52260

Available colours:  
red, blue, amber and green



All details given in this publication are approximate and may be subject to change without notice.

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