



RRTM MKII Roof Robot Series

Roof robot lighting systems



Roof Robot's features

- Compact construction
- Easy to install
- Simple to use
- Choice of different lamp types



MOBIL, PORTABLE & EMERGENCY LIGHTING

Amazingly easy to operate !

1



Stowage position

3



Mast in extended position

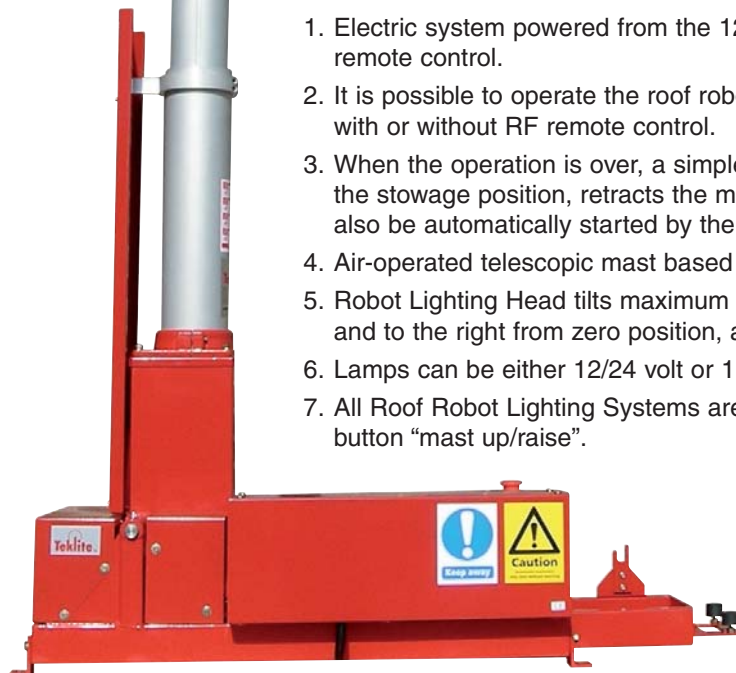
2



Lighting mast raised, ready to extend

Here are the features that make fitting and operating this system so easy:

1. Electric system powered from the 12/24 volt vehicle battery and controlled by a cable remote control.
2. It is possible to operate the roof robot system with a single or double cable remote control, with or without RF remote control.
3. When the operation is over, a simple push of the button "mast down/park" turns the lamps to the stowage position, retracts the mast and folds it to the horizontal position. This cycle may also be automatically started by the release of the vehicle handbrake.
4. Air-operated telescopic mast based on proven TF 400 series.
5. Robot Lighting Head tilts maximum 90° down and 180° up and turns also 180° to the left and to the right from zero position, at the touch of a button.
6. Lamps can be either 12/24 volt or 110/230 volt if there is a generator on board.
7. All Roof Robot Lighting Systems are also available with deadman function for the push button "mast up/raise".



Remote Controls

Cable Remote Controls



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) “on” and “off”
- Beacon switch (optional)
- To turn and tilt the lamps in any direction
- Automatic return to stowed position (also when releasing the handbrake)



Cable Remote Control

Cat. No. 27723 (English)

Cat. No. 27724 (German)

1,5 metre spiral cable +
10 metres linear cable

Cable Remote Control-LV

Cat. No. 27731

1,25 metre spiral cable +
10 metres linear cable



RF Remote Control Kit (Optional)



RF Remote Control Kit

Cat. No. 27729

Kit contents : - RF Remote control
- Rechargeable battery
- 230 Volt charger
- 12/24 Volt car charger

Mast specifications

TELESCOPIC MAST

An air-operated telescopic mast with internal electrical spiral cable lifts the Robot Lighting Head above the level of the vehicle roof.

The mast is based on the Teklite TF 400 mast which has the advantage of the reliability gained over 25 years for thousands made.

The telescopic mast of the roof robot can be fed by either :

1. the standard built-in compressor or
2. the air pressure tank of the vehicle.



Model RRTM1 with 4 x 1000 Watt Halogen lamps

RRTM1

MODELS WITH BUILT-IN COMPRESSOR

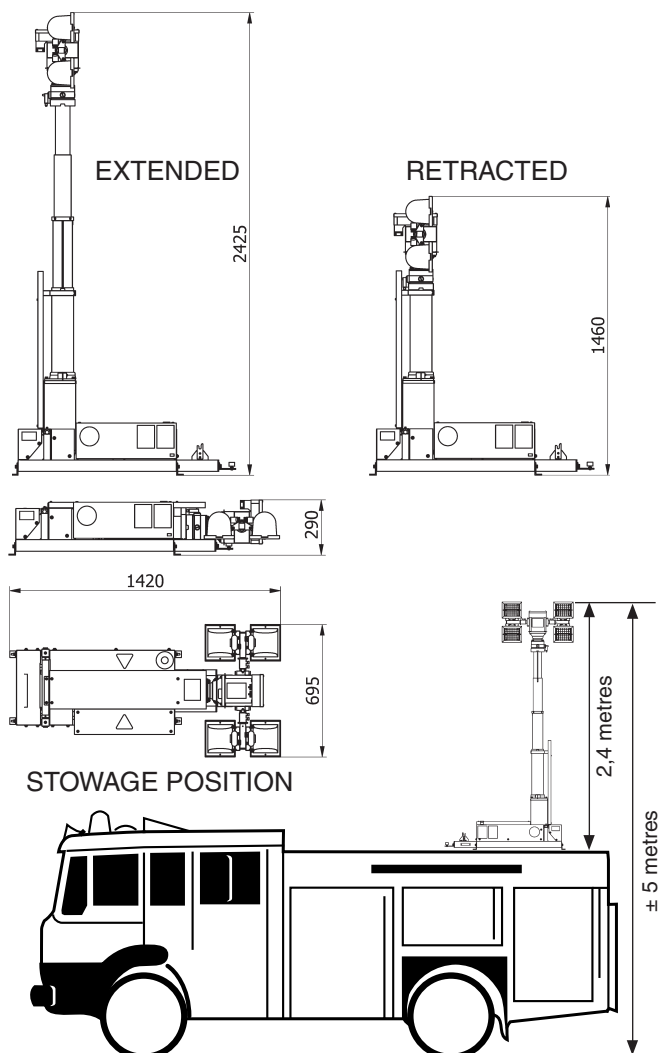
Cat. No.	Description
25600	Model RRTM1 MKII/Built-in Compressor 12V
27840	Model RRTM1-DF MKII/Built-in Compressor 12V with deadman function (push button "mast up/raise")
25602	Model RRTM1 MKII/Built-in Compressor 24V
27842	Model RRTM1-DF MKII/Built-in Compressor 24V with deadman function (push button "mast up/raise")

MODELS WITH AIR PRESSURE REGULATOR

Cat. No.	Description
25601	Model RRTM1 MKII/Air Pressure Regulator 12V
27841	Model RRTM1-DF MKII/Air Pressure Regulator 12V with deadman function (push button "mast up/raise")
25603	Model RRTM1 MKII/Air Pressure Regulator 24V
27843	Model RRTM1-DF MKII/Air Pressure Regulator 24V with deadman function (push button "mast up/raise")

PRINCIPAL DIMENSIONS (mm)

Model RRTM1 with 4 x 500 watt halogen lamps.



TOTAL WEIGHT

Roof Robot without lamps : ± 60 kg

STANDARD FINISH

Red RAL 3000

RRTM2

MODELS WITH BUILT-IN COMPRESSOR

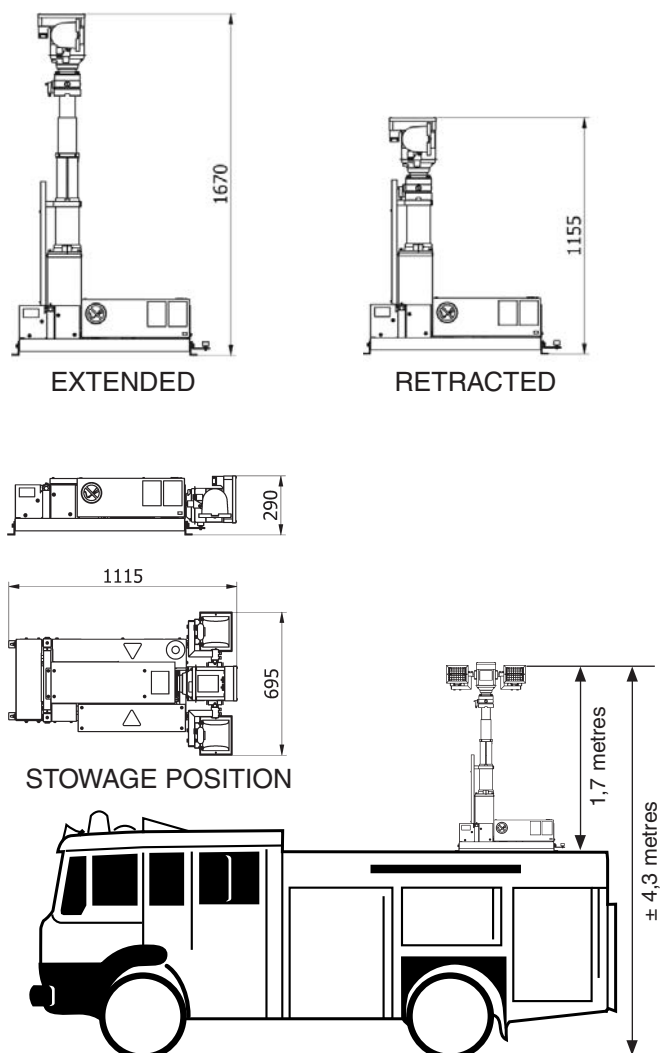
Cat. No.	Description
25604	Model RRTM2 MKII/Built-in Compressor 12V
27844	Model RRTM2-DF MKII/Built-in Compressor 12V with deadman function (push button "mast up/raise")
25606	Model RRTM2 MKII/Built-in Compressor 24V
27846	Model RRTM2-DF MKII/Built-in Compressor 24V with deadman function (push button "mast up/raise")

MODELS WITH AIR PRESSURE REGULATOR

Cat. No.	Description
25605	Model RRTM2 MKII/Air Pressure Regulator 12V
27845	Model RRTM2-DF MKII/Air Pressure Regulator 12V with deadman function (push button "mast up/raise")
25607	Model RRTM2 MKII/Air Pressure Regulator 24V
27847	Model RRTM2-DF MKII/Air Pressure Regulator 24V with deadman function (push button "mast up/raise")

PRINCIPAL DIMENSIONS (mm)

Model RRTM2 with 2 x 500 watt halogen lamps.



TOTAL WEIGHT

Roof Robot without lamps : ± 55 kg

STANDARD FINISH

Red RAL 3000

RRTM3

MODELS WITH BUILT-IN COMPRESSOR

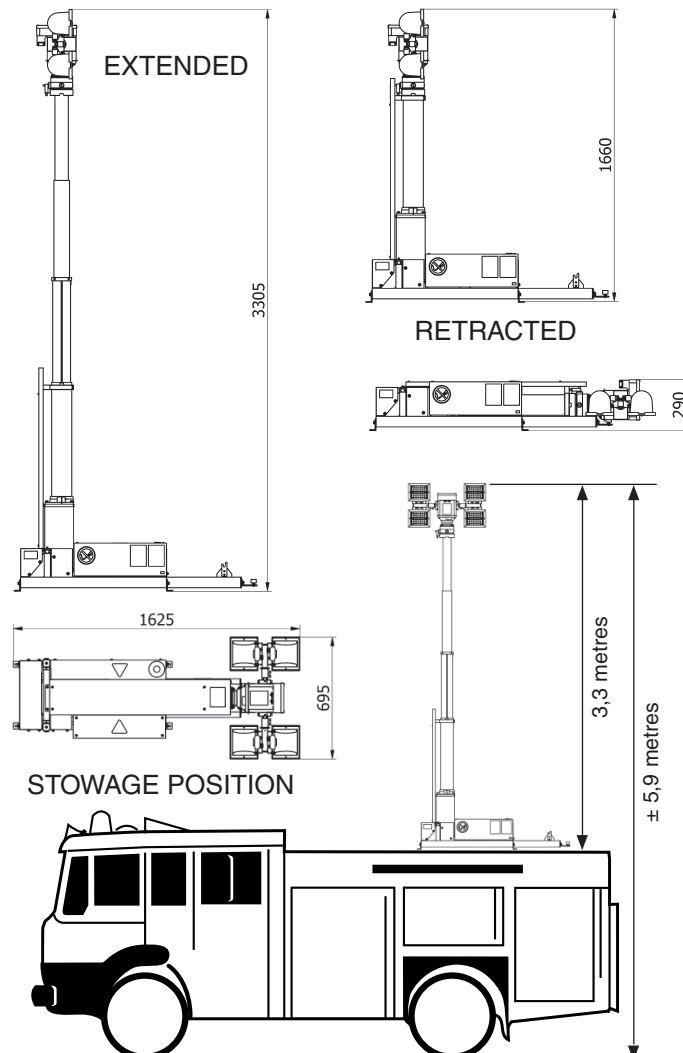
Cat. No.	Description
25608	Model RRTM3 MKII/Built-in Compressor 12V
27848	Model RRTM3-DF MKII/Built-in Compressor 12V with deadman function (push button "mast up/raise")
25610	Model RRTM3 MKII/Built-in Compressor 24V
27850	Model RRTM3-DF MKII/Built-in Compressor 24V with deadman function (push button "mast up/raise")

MODELS WITH AIR PRESSURE REGULATOR

Cat. No.	Description
25609	Model RRTM3 MKII/Air Pressure Regulator 12V
27849	Model RRTM3-DF MKII/Air Pressure Regulator 12V with deadman function (push button "mast up/raise")
25611	Model RRTM3 MKII/Air Pressure Regulator 24V
27851	Model RRTM3-DF MKII/Air Pressure Regulator 24V with deadman function (push button "mast up/raise")

PRINCIPAL DIMENSIONS (mm)

Model RRTM3 with 4 x 500 watt halogen lamps.



TOTAL WEIGHT

Roof Robot without lamps : ± 67 kg

STANDARD FINISH

Red RAL 3000

Lamp choice

All roof robots are available with beacon (option). Put a "B" after the **roof robot cat. no.** for ordering purposes.

* Lamp unit available with lamp protection guard (option). Put a "P" after the **lamp unit cat. no.** for ordering purposes.

RRTM1

Cat. No.	Model	Volt	Amps	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27285	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
25268	2 x 35 Watt Xenarc	24	3,0	7.000
25277	2 x 100 Watt Xenon*	12	16,7	7.200
25278	2 x 150 Watt Xenon*	24	12,5	12.000
27300	2 x 300 Watt Xenon*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
25860	2 x 1500 Watt Halogen*	230	13,0	72.000
27310	2 x 150 Watt Metal Halide	24	12,5	22.500
25108	2 x 250 Watt HP Sodium	24	23,0	54.000
27315	2 x 400 Watt HP Sodium*	230	9,0	110.000
27320	2 x 400 Watt Metal Halide*	230	9,0	66.000
27325	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35911	2 x 50 Watt SMD-LED*	12	10,6	10.000
35916	2 x 50 Watt SMD-LED*	24	4,8	10.000
27335	4 x 70 Watt HP Sodium*	24	14,0	26.000
27345	4 x 70 Watt Metal Halide*	24	14,8	20.000
27355	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
25269	4 x 35 Watt Xenarc	24	5,9	14.000
25281	4 x 150 Watt Xenon*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
27366	4 x 750 Watt Halogen*	230	13,0	66.000
25283	4 x 1000 Watt Halogen*	230	17,4	88.000
25861	4 x 1500 Watt Halogen*	230	26,2	144.000
35921	4 x 50 Watt SMD-LED*	12	21,2	20.000
35926	4 x 50 Watt SMD-LED*	24	9,6	20.000
33425	6 x 35 Watt Xenarc	24	9,0	21.000
33430	6 x 120 Watt Xenon*	24	30,0	21.600
33435	6 x 500 Watt Halogen*	230	13,0	57.000

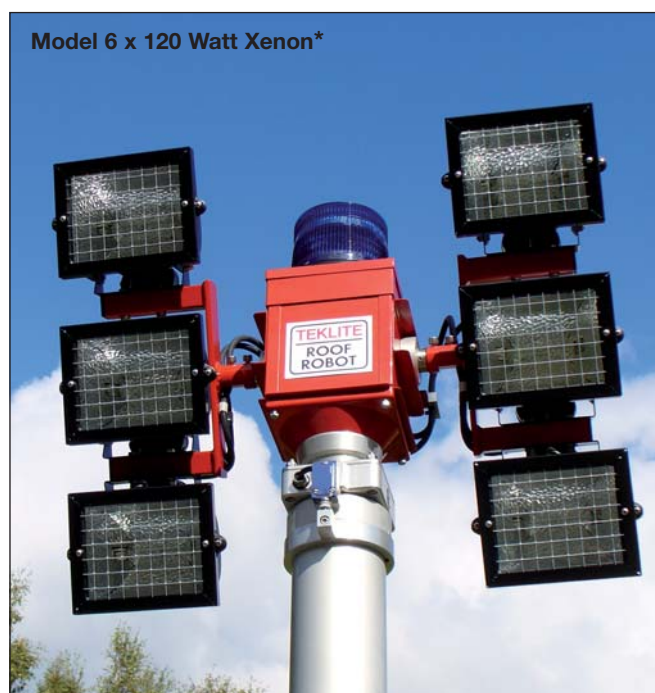


RRTM2

Cat. No.	Model	Volt	Amps	Lumens
25268	2 x 35 Watt Xenarc	24	3,0	7.000
25277	2 x 100 Watt Xenon*	12	16,7	7.200
25278	2 x 150 Watt Xenon*	24	12,5	12.000
27300	2 x 300 Watt Xenon*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
27302	2 x 1000 Watt Halogen*	230	8,7	44.000
27304	2 x 1500 Watt Halogen*	230	13,0	72.000
27310	2 x 150 Watt Metal Halide	24	12,5	22.500
25110	2 x 250 Watt HP Sodium	24	23,0	54.000
27316	2 x 400 Watt HP Sodium*	230	9,0	110.000
27321	2 x 400 Watt Metal Halide*	230	9,0	66.000
27326	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35911	2 x 50 Watt SMD-LED*	12	10,6	10.000
35916	2 x 50 Watt SMD-LED*	24	4,8	10.000

RRTM3

Cat. No.	Model	Volt	Amps	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27285	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
25268	2 x 35 Watt Xenarc	24	3,0	7.000
25277	2 x 100 Watt Xenon*	12	16,7	7.200
25278	2 x 150 Watt Xenon*	24	12,5	12.000
27300	2 x 300 Watt Xenon*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
25860	2 x 1500 Watt Halogen*	230	13,0	72.000
27310	2 x 150 Watt Metal Halide	24	12,5	22.500
25108	2 x 250 Watt HP Sodium	24	23,0	54.000
27315	2 x 400 Watt HP Sodium*	230	9,0	110.000
27320	2 x 400 Watt Metal Halide*	230	9,0	66.000
27325	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35911	2 x 50 Watt SMD-LED*	12	10,6	10.000
35916	2 x 50 Watt SMD-LED*	24	4,8	10.000
27335	4 x 70 Watt HP Sodium*	24	14,0	26.000
27345	4 x 70 Watt Metal Halide*	24	14,8	20.000
27355	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
25269	4 x 35 Watt Xenarc	24	5,9	14.000
25281	4 x 150 Watt Xenon*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
27366	4 x 750 Watt Halogen*	230	13,0	66.000
25283	4 x 1000 Watt Halogen*	230	17,4	88.000
25861	4 x 1500 Watt Halogen*	230	26,2	144.000
35921	4 x 50 Watt SMD-LED*	12	21,2	20.000
35926	4 x 50 Watt SMD-LED*	24	9,6	20.000
33425	6 x 35 Watt Xenarc	24	9,0	21.000
33430	6 x 120 Watt Xenon*	24	30,0	21.600
33435	6 x 500 Watt Halogen*	230	13,0	57.000
33440	6 x 750 Watt Halogen*	230	19,6	99.000
33445	6 x 1000 Watt Halogen*	230	26,0	132.000
35931	6 x 50 Watt SMD-LED*	12	31,8	30.000
35936	6 x 50 Watt SMD-LED*	24	14,4	30.000



Effortless for the user ...



Roof Robots are the most advanced vehicle mounted lighting systems of Teklite. They are easy to mount and easy to operate. Once electrically connected, they are immediately operational. No further system to install.

Easy for the installer too !

**Teklite™**

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

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MOBILE, PORTABLE & EMERGENCY LIGHTING