VMPLM-13.5-4XEQ4X4-CPR

13.5' Vehicle Roof Mount Pneumatic Mast
Extends to 13.5 Feet



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NOTICE

This operation manual supplies the general information about VMPLM lighting system series.

Please read the manual before operation and maintenance in order to avoid system damage or dangerous by improper operation.

CONTENT

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PRODUCTION INTRODUCTION

Vehicle Roof Mount Tower LED Light offers powerful illumination at elevated heights. The 240-watt light mast is equipped with four, LED light heads and can be raised up to 13.5 feet. Operators may control the portable vehicle mast, which features 360 degrees of rotation (vertical/horizontal), using a remote control. A compressor must be installed with the device (sold separately).

MAIN PARAMETER REFERENCE

- Working power: 9-64V DC
- Maximum Working Current: 28A
- System Restore Height: 1840mm
- System Extended Height: 3500mm
- Pan &Tilt Working Angle: 400 degrees in horizontal, 400 degrees in vertical (180 degrees for camera mounting)
- Lamps: 4x 80W LED Lamps
- Lamps working time: 100000+ hours
- Lumens: 22400 lm
- System weight: approx. 55kgs

SYSTEM INSTALLATION

4.1) System includes:

1 x lighting system
1 x Wire Control
1 x Wireless Remote Control

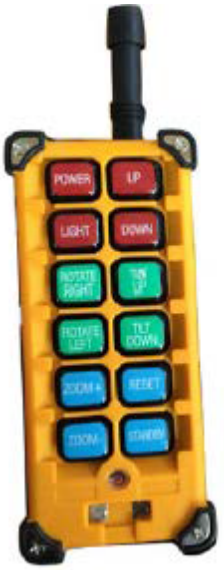
4.2) Moving Notice:

- When move the system, please carry the base structure, do not carry the lamps or telescopic lighting mast.
- Do not try to connect the electric power before installation finished

4.3) System Installation:

- Please make sure there are enough space for lighting mast extension, and lamps rotation.
- Please make sure the vehicle roof or others can bear 100kg weight before the installation.
- Fix all the screws firmly.

SYSTEM OPERATION



5.1.1) Mast Extending: "UP"
5.1.2) Mast Retracting: "DOWN"
5.1.3) Lamps Control: "LIGHT" or "POWER" 5.1.4) Lamps Rotate: "ROTATE RIGHT" or "ROTATE LEFT"
5.1.5) Lamps Tilt: "TILT UP" or "TILT DOWN" 5.1.6) System Restore: "RESET"

5.2 System Maintenance

5.2.1) Lamps Maintenance:

- Extend the mast in vertical position
- Turn off the power supply
- Make sure the temperature lower before change the bulbs or LED Lamps

5.2.2) Lighting Mast Maintenance

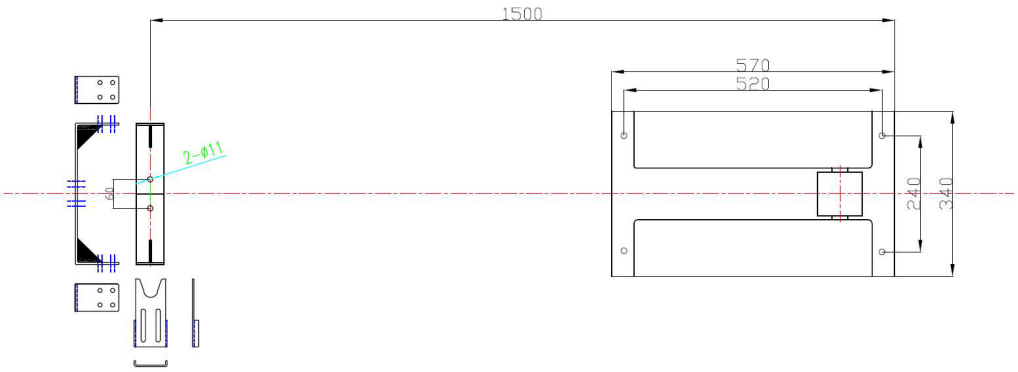
Lighting mast should be maintenance in regular according to the working environment. Normally maintenance should be make every month.
When Followed cases happened, the mast should be maintenance in time.

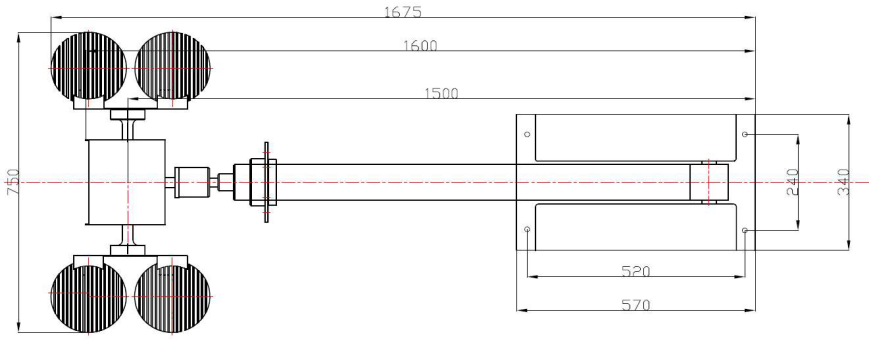
- Obvious surface dust
- Mast extension/retraction not smooth
- Noises during mast extension and retraction

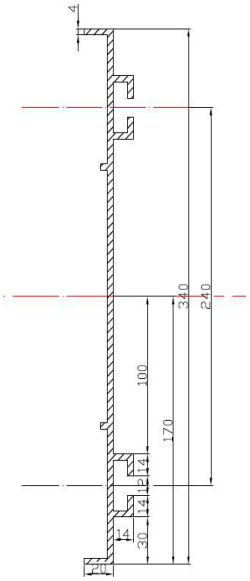
Mast maintenance includes cleaning and lubrication:

Step 1: Extend the mast fully.
Step 2: Clean the mast surface
Step 3: Inject lubrication oils from the air hose in the mast section.
Step 4: Extend / retract mast make sure the mast works smoothly.
Step 5: Clean off the lubricate oil on the mast surface in order to avoid dust attachment.

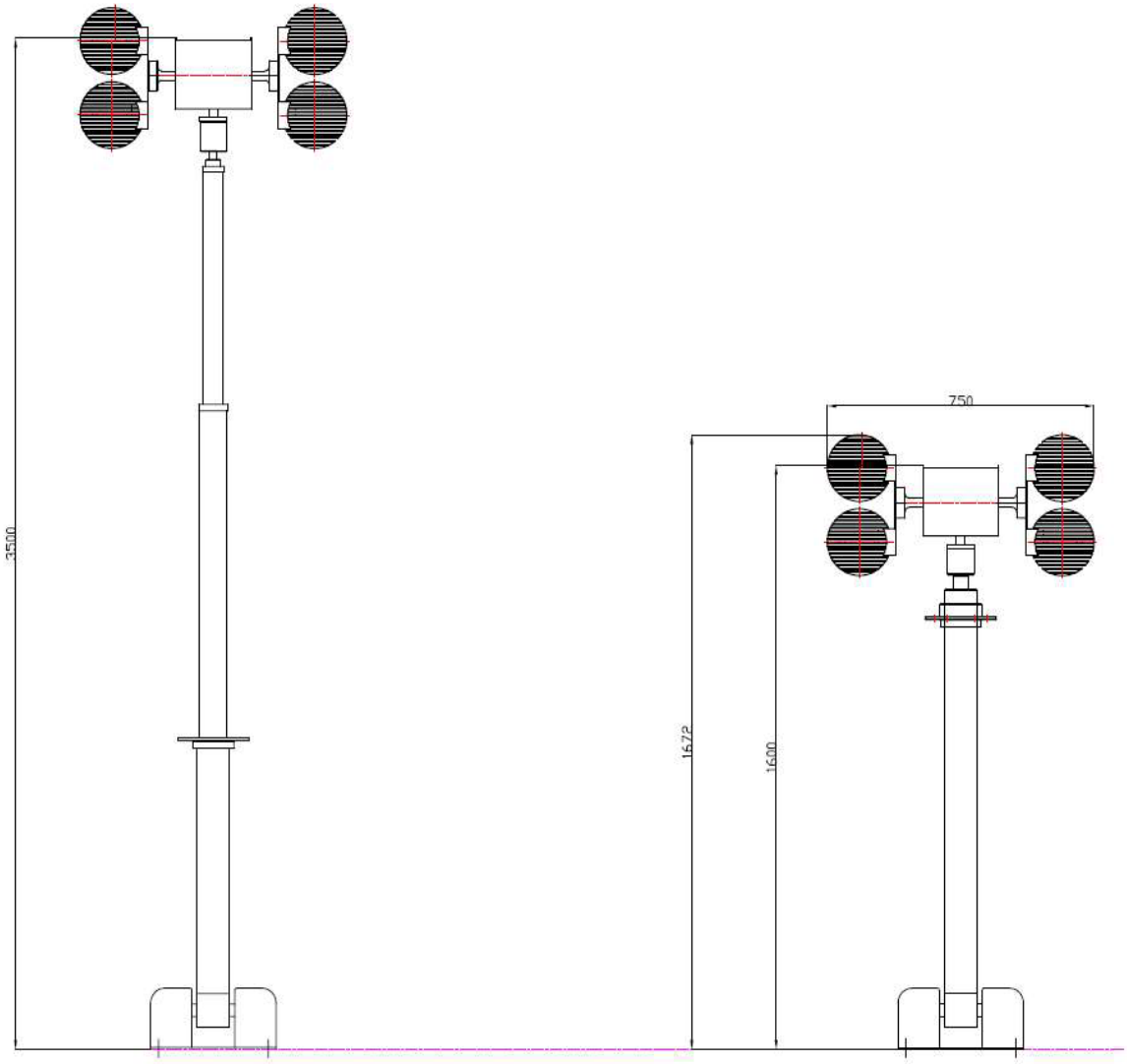
SYSTEM FRAME AND DIMENSIONS REFERENCE










3500
750
1672
1600