



# INMP82R

Industrial  
Mobile Lighting Equipment  
(Area Lights)

Lithium Battery

Waterproof and Dustproof

Anti-corrosion

Impact Resistant

## Application

It is widely used in large-scale high-brightness mobile lighting in industrial and other professional fields such as maintenance and repair, emergency and disaster relief, accident handling, and construction etc.



## Parameters

|                        |                                 |                      |                                                                                                                  |
|------------------------|---------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------|
| Working ambient temp.: | -20°C≤Ta≤+55°C                  | Recharging cycles:   | 500 cycles                                                                                                       |
| Ingress protection:    | IP65/IP66 (without speaker)     | Outline dimension:   | 639×415×255mm (folding) / 2230mm (Rising up)                                                                     |
| Corrosion-proof grade: | WF2                             | Q'ty of lamp head:   | 2pcs                                                                                                             |
| CCT:                   | 6500K                           | Lamp rotation angle: | Vertical: 115°<br>Horizontal: 300° (duo lamps)<br>142° (single lamp)                                             |
| Power supply mode:     | Mains supply or lithium battery |                      |                                                                                                                  |
| Mains voltage:         | 100-240V AC 50/60Hz             | Warning light color: | Reddish blue (flash)-Default<br>Red/Green/Yellow/Blue/White (continuous or flash) (5 optional customized colors) |
| Battery type:          | 42×21700 lithium battery        |                      |                                                                                                                  |
| Battery capacity:      | 21.6V / 35000mAh                |                      |                                                                                                                  |
| Charging time:         | < 10h                           |                      |                                                                                                                  |

|                                             |                 |                |                                   |
|---------------------------------------------|-----------------|----------------|-----------------------------------|
| Lighting mode                               | Floodlight Mode | Spotlight Mode | Floodlight + Spotlight Mode       |
| Beam angle (single lamp holder) (°)         | 132             | 27             | 27 (central) / 132 (outer circle) |
| Power (W)                                   | 55              | 55             | 2×55                              |
| Duration hour (H)                           | > 12            | > 12           | > 8                               |
| Lumen (lm)                                  | 2×2500          | 2×2500         | 2×5500                            |
| Beam distance (m)                           | /               | 200            | 215                               |
| Vertical angle 70°<br>Irradiation area (m²) | 2×200           | 2×60           | 2×200                             |

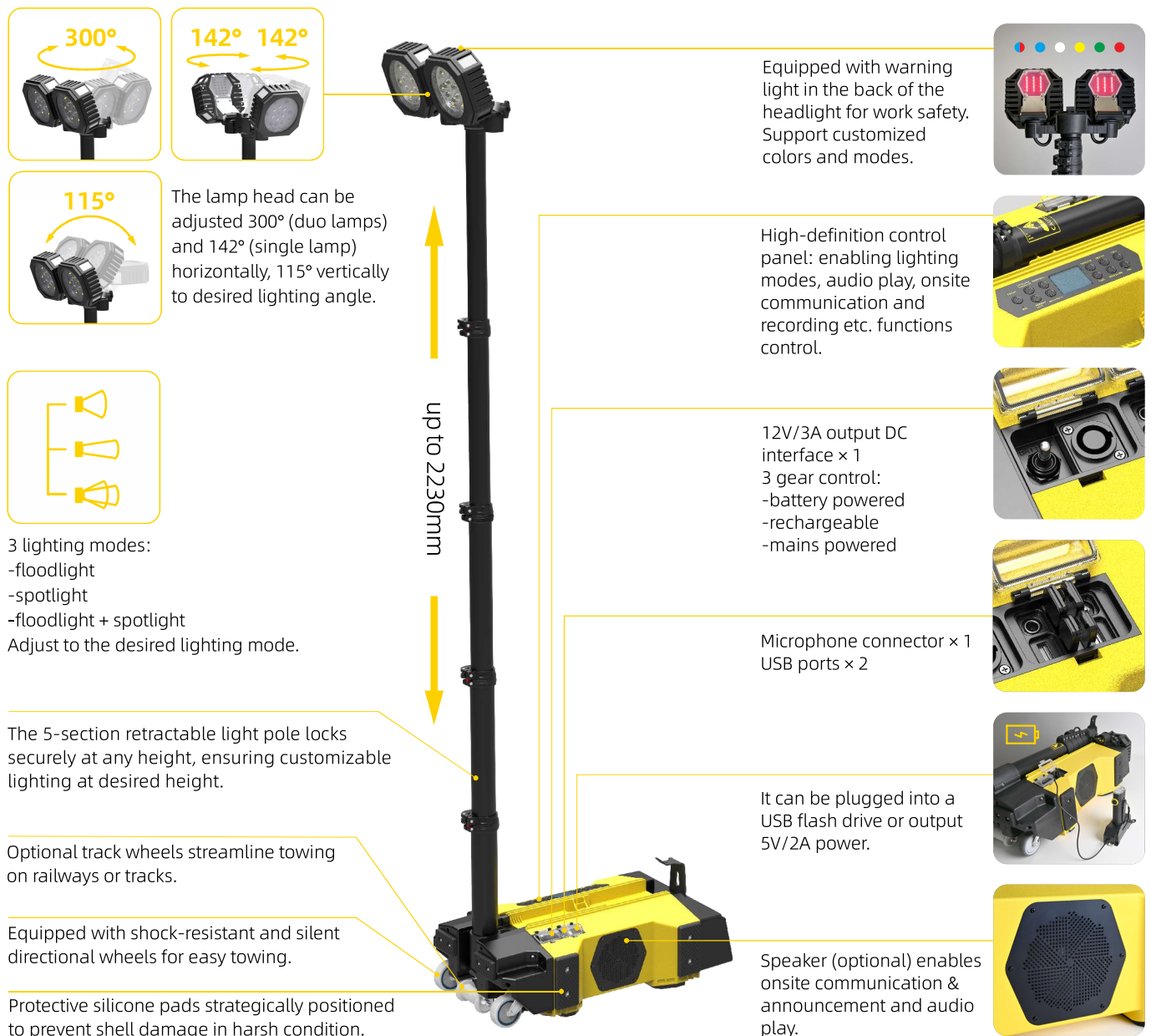
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| Illumination |  |  |  |
|--------------|--|--|--|

## Description

Powered by lithium-ion batteries, INMP82R offers versatile lighting functionality and optional media control features for enhanced onsite coordination and communication.

- **Versatile Lighting Functionality:** Seamlessly switch between 3 lighting modes: spotlight, floodlight, and floodlight + spotlight, to meet different lighting requirements. Achieve exceptional brightness with a max illuminance of 11,000 lux, effectively covering a broad area.
- **Warning Light Capability:** Enhance safety and visibility in any situation with 11 customizable warning light modes.
- **Dual Power Options:** Utilize high-capacity lithium-ion batteries for extended and reliable performance in demanding environments. Equipped with both battery and mains power modes for uninterrupted operation and flexible power management.
- **Durability and Portability:** Constructed from durable materials with a robust design, ensuring longevity; Lightweight and portable, allowing the product to be laid flat, placed sideways, or stood upright to suit different needs.
- **Stability and Longevity:** Engineered with stability in mind, boasting a sturdy design capable of withstanding impacts; Ensures longlasting performance even in challenging conditions.
- **Dimming Capability:** Support dimming without polarization, allowing users to adjust brightness according to specific requirements.
- **Smart Self-Checking Algorithm:** Optimizing lamp operation for extended standby time, the product ensures efficient energy management and prolonged usage.
- **For Added Convenience:** Optional features include an intuitive **High-Definition control panel**, complemented by a **built-in speaker and amplifier design**. This innovative integration enables seamless communication and real-time announcements, facilitating effective onsite coordination.

## Features

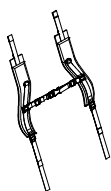
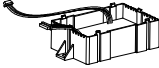
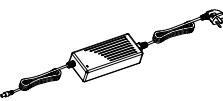


## Order specifications

| Illustration                                                                      | Description                                                  |                 | Weight (kg) | Order No.        |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------|-------------|------------------|
|  | Industrial Mobile Lighting Equipment (Area Lights)           | without speaker | 19.8        | INMP82R-□-0-01   |
|                                                                                   |                                                              | with speaker    | 20.8        | INMP82R-□-1-01   |
|  | Industrial Mobile Lighting Equipment (Area Lights) + Adapter | without speaker | 20.5        | INMP82R-□-□-0-01 |
|                                                                                   |                                                              | with speaker    | 21.5        | INMP82R-□-□-1-01 |

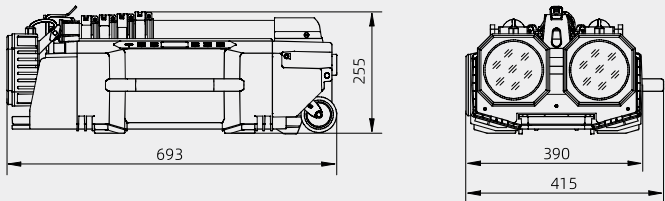
● R-Red ● G-Green ● Y-Yellow ● B-Blue ○ W-White ● RB-Reddish blue — Code of warning light flash color  
 (GB) (EN) (BS) (ANSI) (AS) (JIS) — Code of plug  
 0-without speaker, 1-with speaker — Code of multimedia (no need, not mark)

## Spare parts

| Illustration                                                                                                   | Description                                                                                          | Weight (g) | Order No.         |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------|-------------------|
| Shoulder carrying strap<br> | /                                                                                                    | 250        | 1000/11-02-05     |
| Lithium battery pack<br>    | 21.6V / 35000 mAh                                                                                    | 3500       | 1000/05-R82-01-IN |
| Power supply<br>            | Input: 24V DC/2.5A<br>Output: 18V DC (lighting equipment)<br>5V DC (warning light)<br>5V DC/2A (USB) | 470        | 8282R-DR-IN       |
| Adapter<br>                 | Input: 100-240V 50/60Hz, 2A<br>Output: 24V DC, 6.25A                                                 | 700        | 1000/12-03-□      |

(GB) (EN) (BS) (ANSI) (AS) (JIS) — Code of plug

Outline dimension (unit: mm)



INMP82R

