

# INMP82R

Industrial  
Mobile Lighting Equipment  
(Area Lights)

## Application

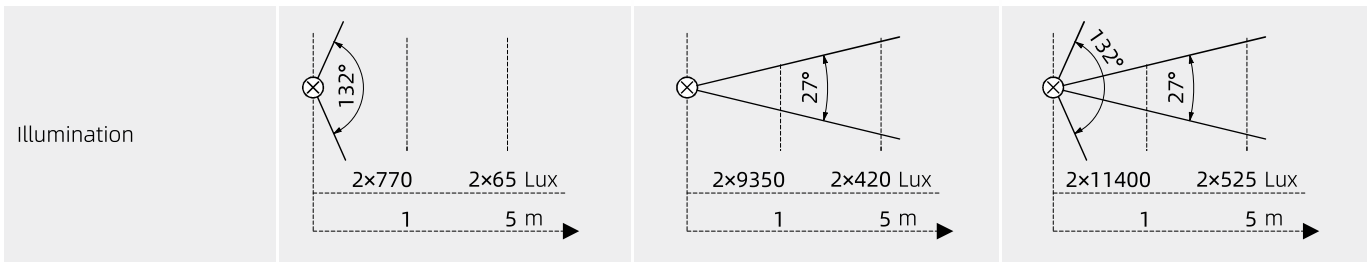
It is widely used in large-scale high-brightness mobile lighting in industrial and other professional fields such as maintenance and repair, emergency and disaster relief, accident handling, and construction etc.



## 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° Horizontal: 300° (duo lamps) 142° (single lamp)
Power supply mode:	Mains supply or lithium battery	Warning light color:	Red/Green/Yellow/Blue/White (continuous or flash) Reddish blue (flash) (5 colors are optional)
Mains voltage:	100-240V AC 50/60Hz		
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° Irradiation area (m²)	2×200	2×60	2×200

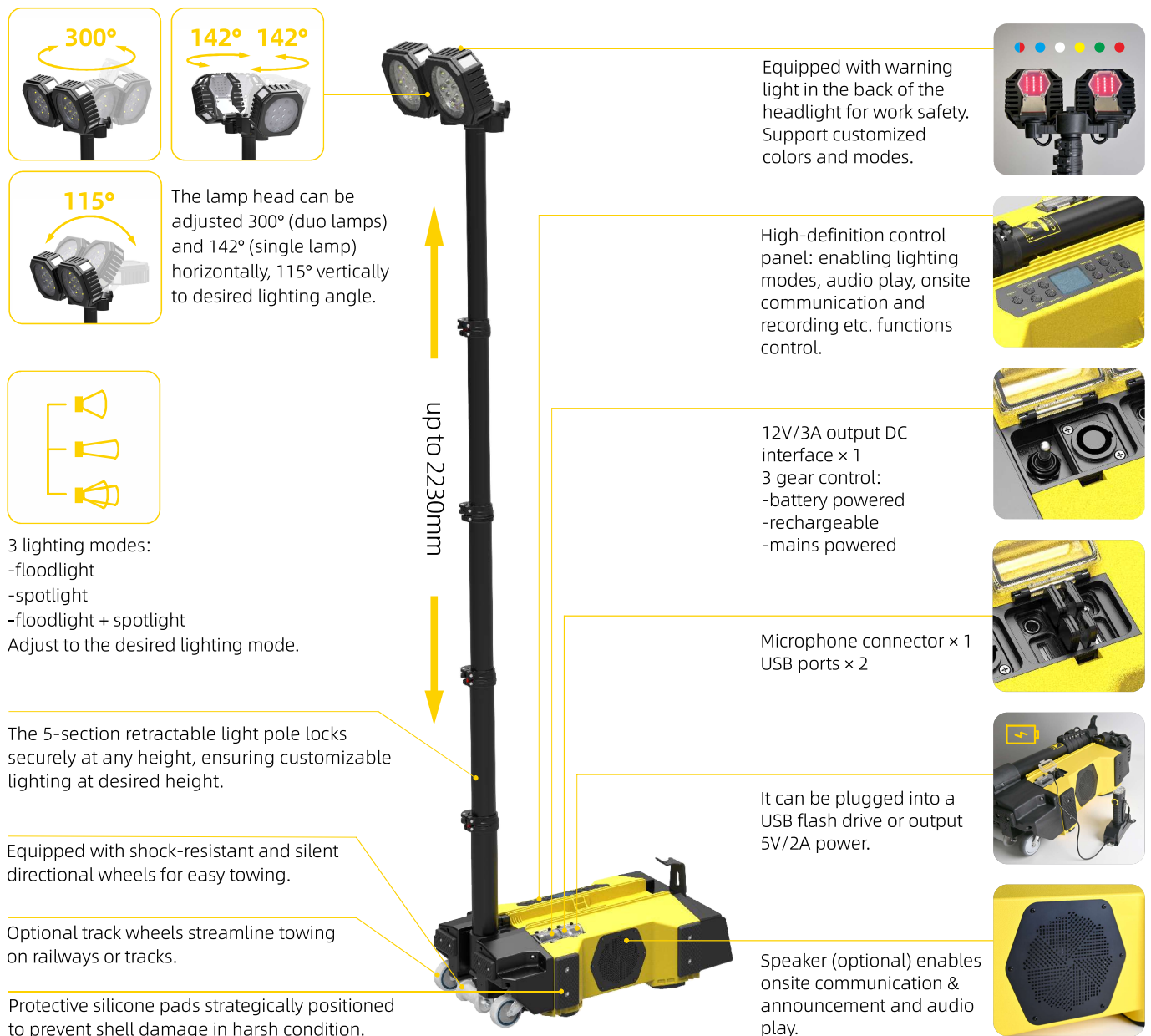


## Description


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

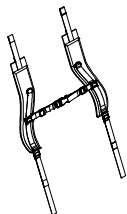
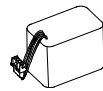
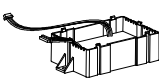
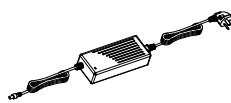


## Order specifications

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

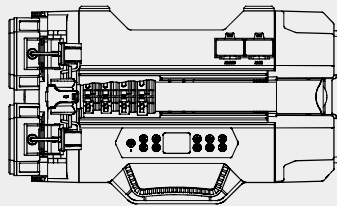
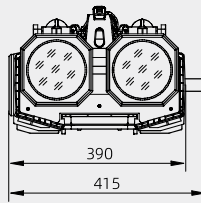
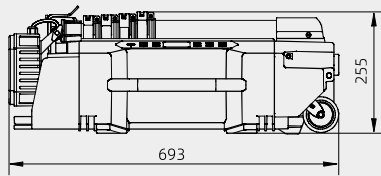
● R-Red ● G-Green ● Y-Yellow ● B-Blue ○ W-White ● RB-Reddish blue — Code of warning light flash color  
 (GB) (EN) (BS) (ANSI) (AS) (JIS) — Code of plug  
 0-without speaker, 1-with speaker — Code of multimedia (no need, not mark)

## Spare parts

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

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

## Outline dimension (unit: mm)



INMP82R

