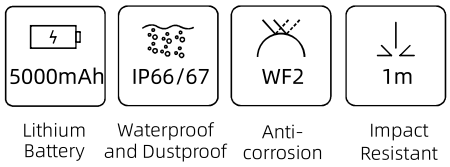
LED CE



Lithium Battery | Waterproof and Dustproof | Anti-corrosion | Impact Resistant

INMP81R

Industrial Mobile Lighting Equipment (Area Lights)

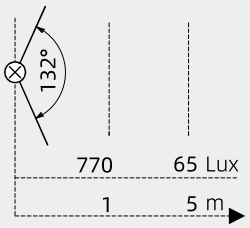
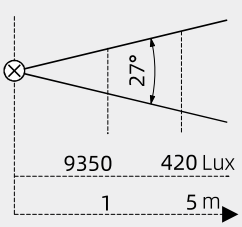
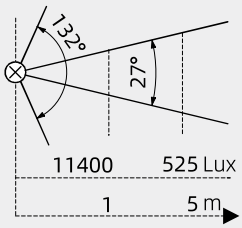
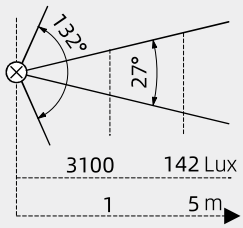


Application

Designed for a multitude of professional contexts, spanning maintenance, disaster relief, emergency response, construction, and incident management. They deliver essential high-intensity illumination to ensure operational efficiency and safety in critical scenarios.

Parameters

Working ambient temp.:	-20℃≤Ta≤+55℃	CCT:	6500K
Ingress protection:	IP66/67 (1m, 30min)	Charging time:	< 7 h
Corrosion-proof grade:	WF2	Recharging cycles:	500 cycles
Power supply mode:	Mains supply or lithium battery	Lamp rotation angle:	Horizontal: 300° / Vertical: 115°
Mains voltage:	100-240V AC 50/60Hz	Outline dimension:	627×157×277mm(folding)/2150mm(Rising up)
Battery type:	12×21700 lithium battery	Warning light color:	Red/Green/Yellow/Blue/White (continuous or flash) Reddish blue (flash) (5 colors are optional)
Battery capacity:	43.2V / 5000mAh		

Lighting mode	Floodlight	Spotlight	Floodlight + Spotlight (high)	Floodlight + Spotlight (low)
Beam angle (°)	132	27	27 (central) / 132 (outer circle)	27 (central) / 132 (outer circle)
Power (W)	25	25	55	15
Duration hour (H)	> 10	> 10	> 6	> 18
Lumen (lm)	2500	2500	5500	1500
Beam distance (m)	/	200	215	112
Vertical angle 70° Irradiation area m^2	200	60	200	200
Illumination				

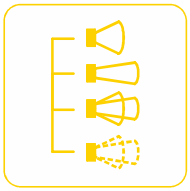
Description

- The lighting equipment consists of a lamp head, a lifting pole and a housing body.
- The lamp head and housing are electrically connected by built-in cord through lifting pole.
  The lifting pole extends up to maximum 2150mm, to increase the illumination area and achieve regional lighting functionality.
- The housing is molded using PA engineering plastic, known for its lightweight, corrosion resistance.
  The buttons are made of tough, wear-resistant and chemical-resistant high performance nylon, offering a comfortable and long-lasting use.
- It offers dual power supply modes: mains electricity power and lithium battery, which can be flexibly switched according to the usage requirement.
- It offers four lighting modes-
  (1) floodlight
  (2) spotlight
  (3) floodlight + spotlight (high)
  (4) floodlight + spotlight (low) - with one-touch switching.
- Additionally, it is equipped with warning lights in the back of the headlight for enhanced safety and visibility.

Features



The lamp head can be adjusted 300° horizontally and 115° vertically to the desired lighting angle.

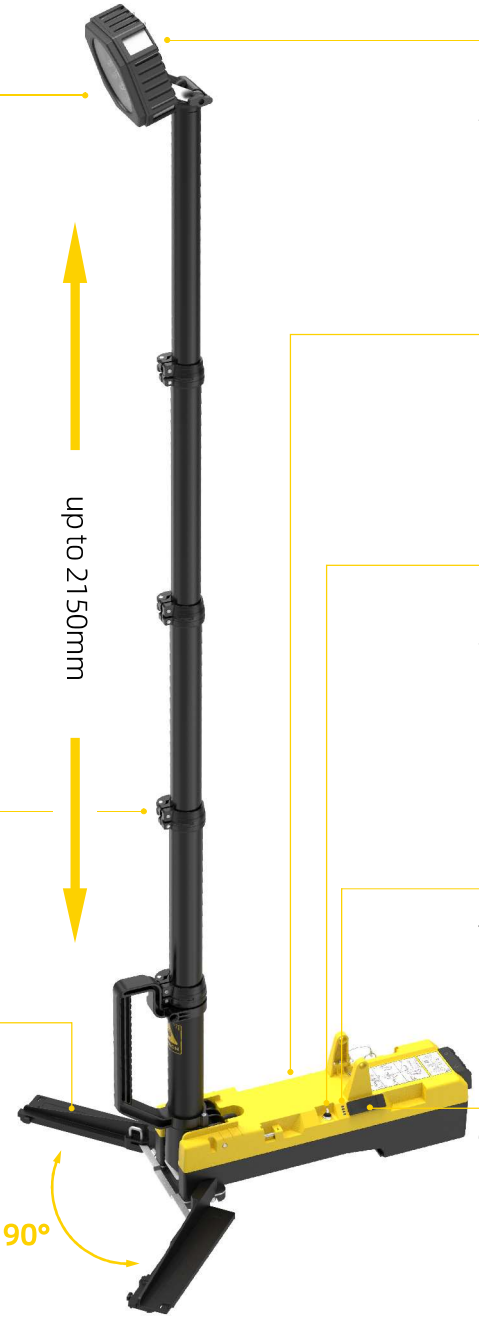


4 lighting modes:
- Floodlight
- Spotlight
- Floodlight + spotlight (high)
- Floodlight + spotlight (low)

Adjust to the desired lighting mode.

The 5-section retractable light pole can be locked at any height and adjusted to the desired lighting height.

The support legs have an expansion angle of 90°, providing stable support on uneven work surfaces. It can be fully expanded and locked within 30s.



Equipped with warning light in the back of the headlight for work safety. Support customized colors



Easier light mode switch via large button amid gloves-on work



Dual power supply modes: Mains supply or lithium battery



4 grid power indicator



Charging output port (5V)

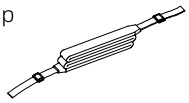
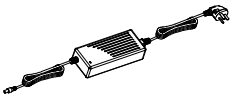
Order specifications

Illustration	Description	Weight (kg)	Order No.
	Industrial Mobile Lighting Equipment (Area Lights) + Adapter	9.8	INMP81R-□-□-01

Code of warning light flash color: ● R-Red ● G-Green ● Y-Yellow ● B-Blue ○ W-White ● RB-Reddish blue

Code of plug: GB EN BS ANSI AS JIS

Spare parts

Illustration	Description	Weight (g)	Order No.
Shoulder carrying strap 	/	97	1000/11-02-04
Lithium battery pack 	43.2V / 5000mAh	1200	1000/05-R81-01-IN
Power supply 	Input: 24V DC/2.5A Output: 18V DC (lighting equipment) 12V DC (warning light) 5V DC/2A (USB)	440	8281R-DR-IN
Adapter 	Input: 100-240V 50/60Hz, 2A Output: 24V DC, 4A	700	1000/12-02-□

Code of plug: GB EN BS ANSI AS JIS

Outline dimension (unit: mm)

