LED CE

5000mAh	IP66/67	WF2	1m
Lithium Battery	Waterproof and Dustproof	Anti-corrosion	Impact Resistant

INMP81R

Industrial
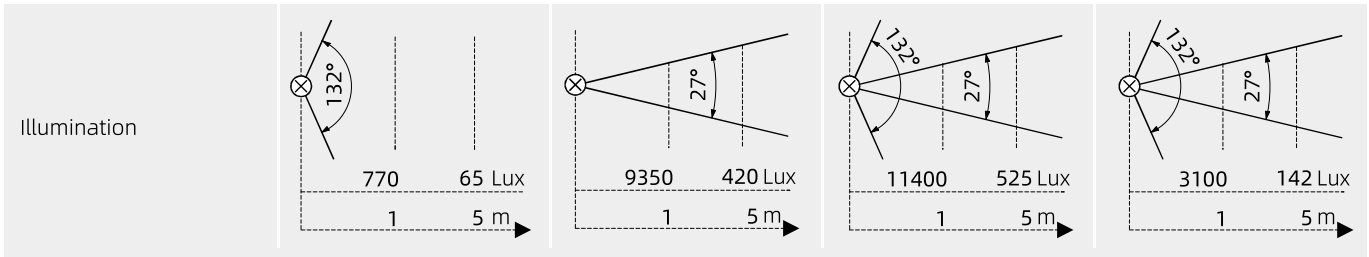Mobile Lighting Equipment
(Area Lights)

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

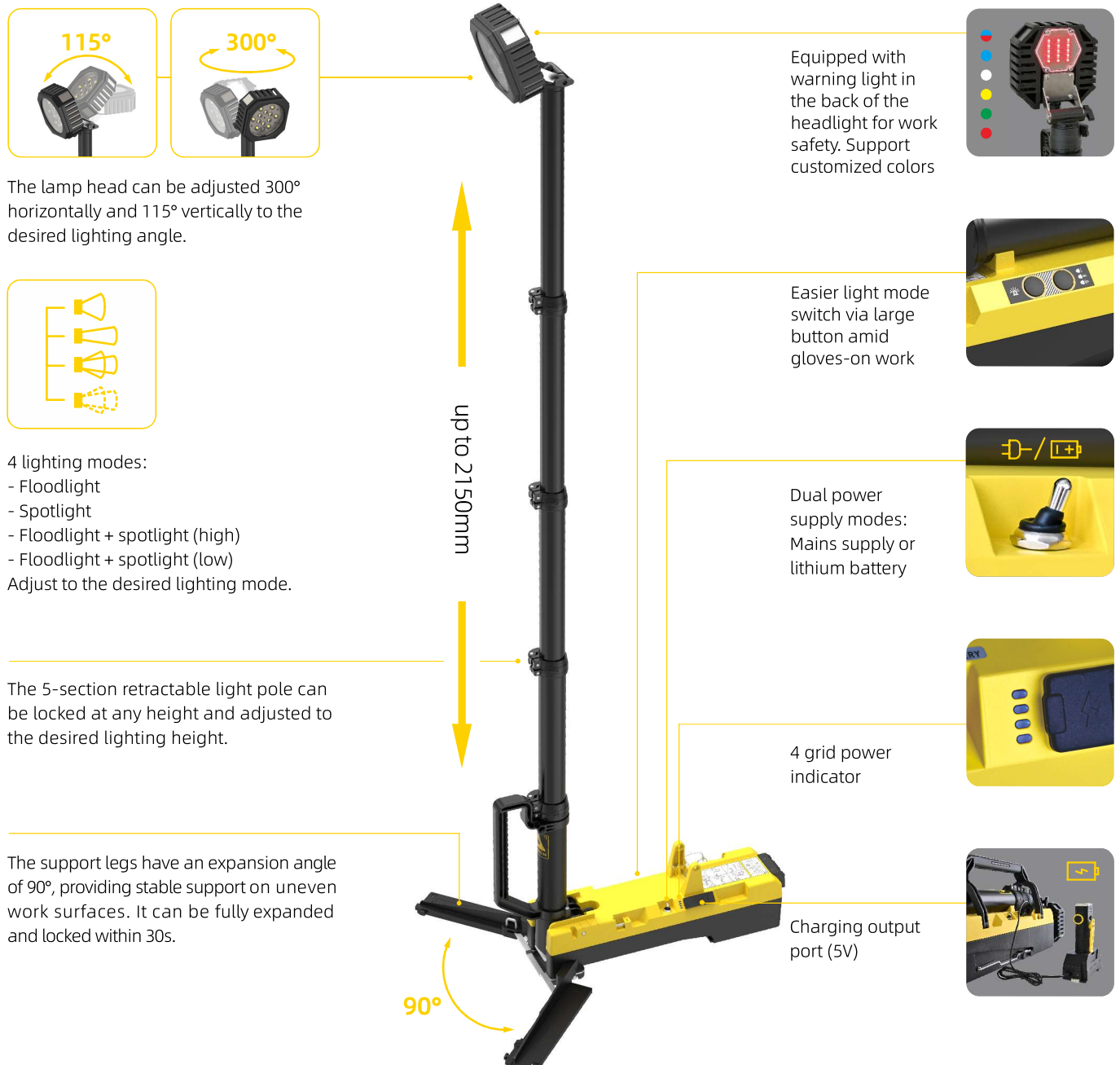|			
Working ambient temp.:	-20℃≤Ta≤+55℃	CCT:	6500K
Ingress protection:	IP66/67 (1m, 30min)	Charging time:	< 7 h
Corrosion-proof grade:	WF2	Recharging cycles:	500 cycles
Power supply mode:	Mains supply or lithium battery	Lamp rotation angle:	Horizontal: 300° / Vertical: 115°
Mains voltage:	100-240V AC 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 m²	200	60	200	200
Illumination	132° 770 / 65 Lux 1 / 5 m	27° 9350 / 420 Lux 1 / 5 m	132° 27° 11400 / 525 Lux 1 / 5 m	132° 27° 3100 / 142 Lux 1 / 5 m

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.
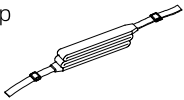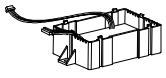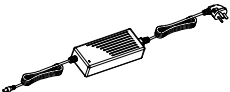
Features

115°

300°

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.

up to 2150mm

90°

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

● 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

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-☐

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

Outline dimension (unit: mm)

627

277

157

Min 710

Max 2150

650

90°

750

650

90°

750