



## Floor lamp

- WE 50
- WE 65
- WE 80

- **Rotating solar panel**

Solar panel adjustable in height and horizontal direction.

- **Precise installation**

Integrate the compass into the lighting body.

- **High frequency motion detector**

Radar controlled, called Doppler effect, smarter, more energy efficient.

- **Management of the control mode**

6 working modes to choose from

- **Charge and discharge management**

Protect the battery with software and hardware, supporting battery charging at 0v

- **Battery program Update**

Integrated single-chain control technology.  
More stable and longer life.

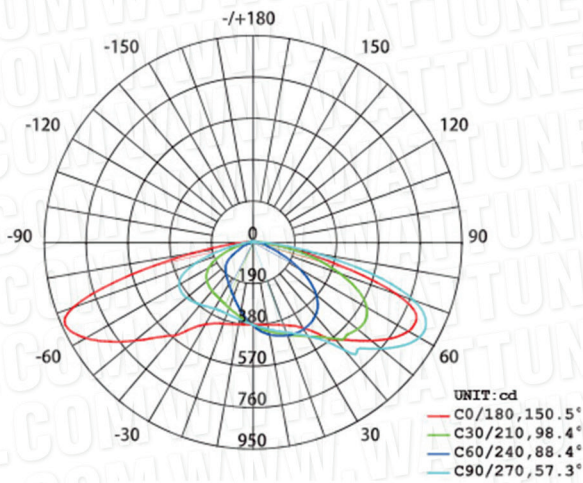
- **Unique integration design**

Easy to transport, install and store.



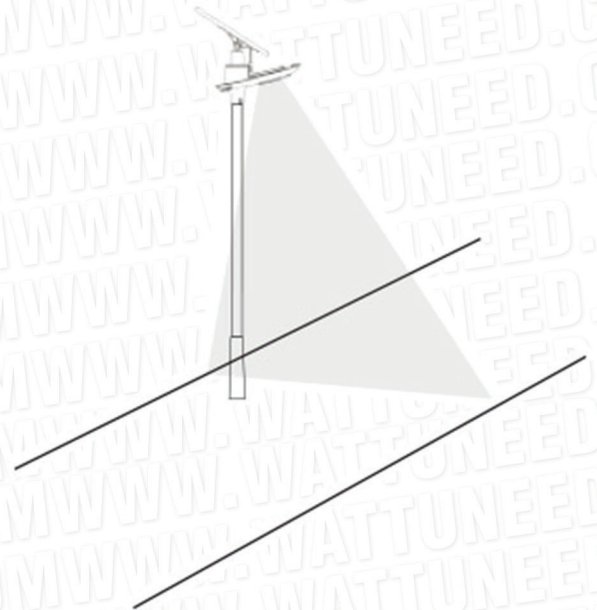
# Technical data sheet

## Light intensity distribution curves



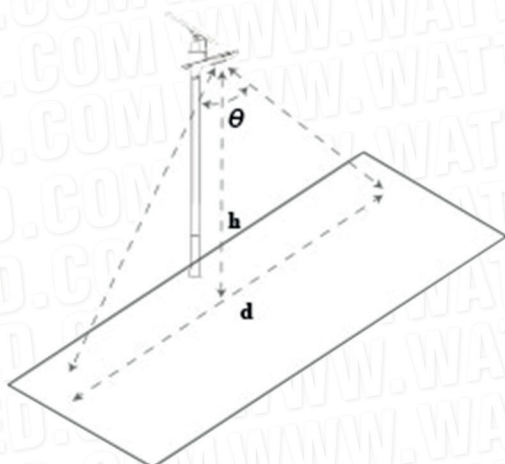
Average radiation angle (50%): 98.7 DEG

## Polarized light lens



Type	WE 50	WE 65	WE 80
Lamp power	10W	15W	20W
Solar panel	50W/5V	65W/5V	80W/18V
Lithium battery	138WH/3.7V	166WH/3.7V	275WH/11.1V
Luminous flux	1700-1800lm	2500-2700lm	3300-3600lm
LED qty	36pcs		
Charging time (full sun)	5hrs		
LED chip	Bridgelux		
Color temperature	3000-6500K		
CRI	≥70Ra		
Light control voltage	1V		
Light distribution	Polarized light		
Lighting time	2-3 jours		
Sensor distance	5-10m		
Sensor time	20-30s		
Operating temperature range	-20°C~60°C		
Life expectancy	≥50000 hours		
Material	Aluminium alloy		
Diameter of the top of the pole	60mm		
Mounting height	5-6m		
Mounting distance	10-30m		

## Attention of motion sensor function



$\theta$ (Angle)	h (Height)	d (width)
65°	6m	10m

1. Sensor area tested from a person at the average height of 1.6 - 1.7m, walking speed for 1.0-1.5 m per second. If testing standard different, sensor area will be different.
2. Sensor functions are greatly influenced by metal environment, so pls install it far away metal block.
3. Sensor against the metal block in front of it.
4. Sensor can get through glasses, wood board, plasterboard and other non-metallic object.

## Mode of operation



**DEMO** : No matter day or night, light "on" for 1 minute.  
Only for test use.



**OFF** : light "off", no matter day or night.



**L** : At night, 100%-1hr, 70%-3hrs, 30%-dawn.



**T** : At night, 100%-4hrs, 40%-8hrs (dawn).



**M** : at night, 50%-1hr, 100%-3hrs, 30% - dawn.



**U** : At night, 100%-2hrs, 60%-2hrs, then sensor working, 60% if people come, 20% stand-by.

**Remark:** Default is L mode, can choose best mode according to different sunshine condition.