LED Flood Light | SP

220 lm/W

Built–in sensor

IP65

Advantages

- High efficiency, 220lm/w available.

- Beam angle 120°

- Integrated die–casting aluminum housing, elegant appearance

- Good heat dissipation, long lifespan

- Tempered glass, surface coating process, excellent corrosion–proof

- IP65

SAA APPROVALS

Victorian Energy Upgrades

5 year warranty

IPART
Independent Pricing and Regulatory Tribunal
New South Wales

LM-80   TM 21   LM 79
ISTMT   LCP

ESSENTIAL SERVICES COMMISSION

APPLICATION

- Billboard
- Road
- Tunnel
- Bridge and culvert
- Square
- Building

DISTANCE
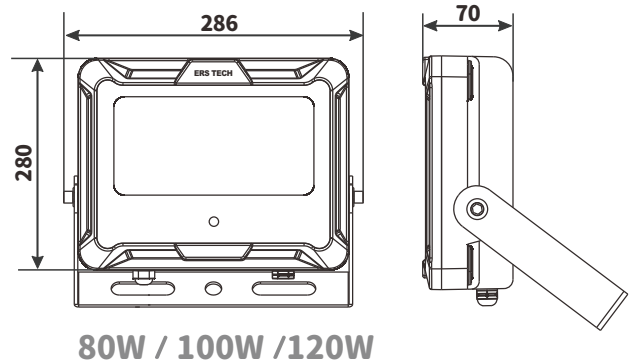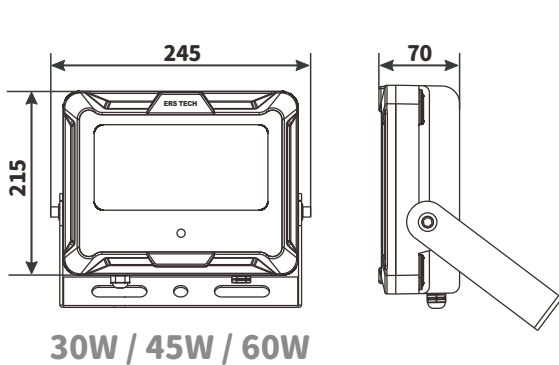
30W / 45W / 60W

245
215
70

80W / 100W /120W

286
280
70

Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District,Shenzhen, China

Warehouse Add: 25 Meriton Place, Clayton South, VIC 3169

Tel: 048 470 3010

Email: info@erstech.com.au

SAA APPROVALS

Victorian Energy Upgrades

5 year warranty

IPART
Independent Pricing and Regulatory Tribunal
New South Wales

LM-80   TM 21   LM 79
ISTMT   LCP

ESSENTIAL SERVICES COMMISSION

SPECIFICATIONS

Item No.	ERS–F45W–SP
Power	45W
Efficiency	220lm/w
Lumen	9900lm
Input Voltage	AC220–240V,50Hz
CCT	4000K, 5000K, 6500K
IP Rating	IP 65
Beam Angle	120°
Power Factor	>0.9
CRI	Ra>80
LED Type	SMD 2835
Driver	ERS driver
Sensor	Daylight & Microwave Motion Sensor
Dimmable	Programmable dimming
Material	AL
Power Supply Efficiency	>94%
Product Size(mm)	245X215X70

SAA APPROVALS

Victorian Energy Upgrades

5 year warranty

IPART
Independent Pricing and Regulatory Tribunal
New South Wales

LM-80   TM 21   LM 79
ISTMT   LCP

ESSENTIAL SERVICES COMMISSION
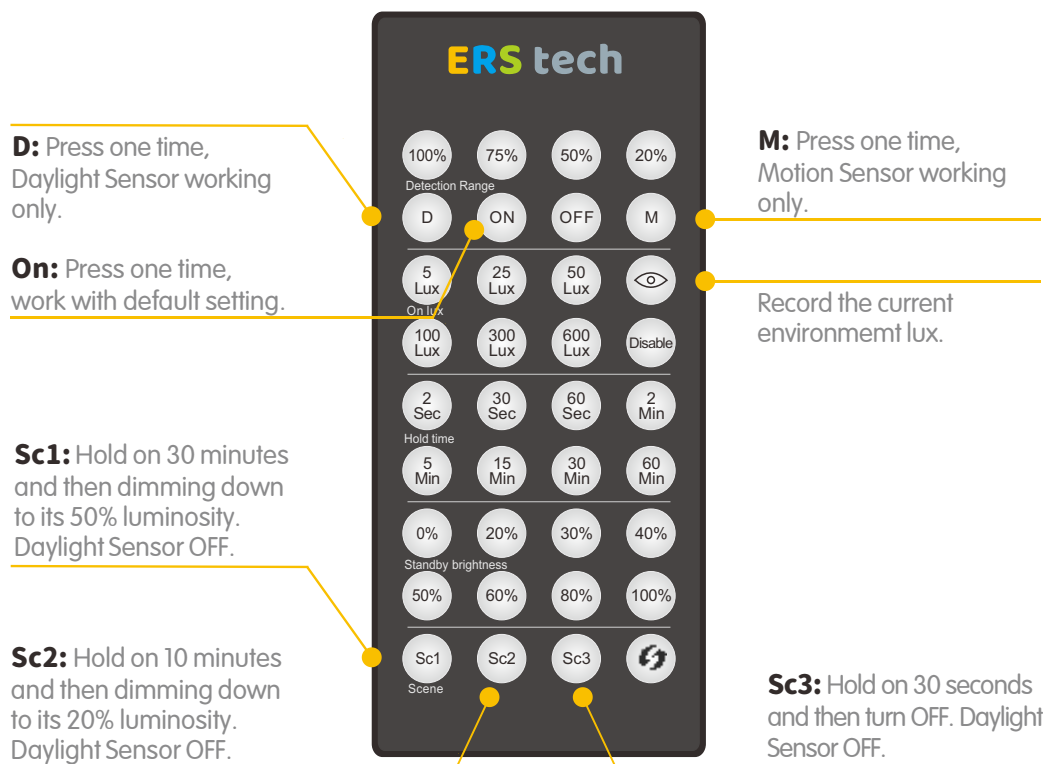
REMOTE CONTROLLER

Factory setting: When turn on the Flood light, sensor function is closed;
if you need to open the sensor, please use our remote controller as below.
Sensor default setting: daylight (OFF), motion(2 seconds), hold time (2 seconds),
standby brightness 0%.

ERS tech

D: Press one time,
Daylight Sensor working
only.

On: Press one time,
work with default setting.

Sc1: Hold on 30 minutes
and then dimming down
to its 50% luminosity.
Daylight Sensor OFF.

Sc2: Hold on 10 minutes
and then dimming down
to its 20% luminosity.
Daylight Sensor OFF.

M: Press one time,
Motion Sensor working
only.

Record the current
environmemt lux.

Sc3: Hold on 30 seconds
and then turn OFF. Daylight
Sensor OFF.

100%	75%	50%	20%
Detection Range
D	ON	OFF	M
5 Lux	25 Lux	50 Lux	👁
On lux
100 Lux	300 Lux	600 Lux	Disable
2 Sec	30 Sec	60 Sec	2 Min
Hold time
5 Min	15 Min	30 Min	60 Min
0%	20%	30%	40%
Standby brightness
50%	60%	80%	100%
Sc1	Sc2	Sc3	🔄
Scene

SAA
APPROVALS

Victorian Energy Upgrades

5 year warranty

IPART
Independent Pricing and Regulatory Tribunal
New South Wales

LM-80   TM 21   LM 79
ISTMT   LCP

ESSENTIAL SERVICES COMMISSION

FUNCTION DEMO–ON/OFF CONTROL

With insufficient daylight, when motion detected.light remains OFF.
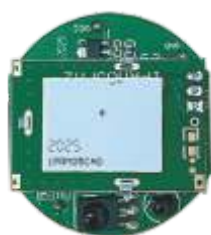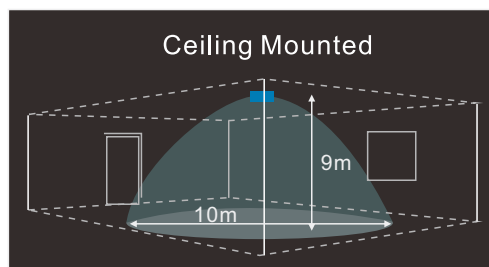
With insufficient daylight, when motion detected.light ON.

After the last detection and the present hold time elapsed.light OFF.

SENSOR SPECIFICATION

Detection Patterns

Ceiling Mounted

9m

10m

Technical data

Operating voltage	12VDC ± 2v
Stand–by power	< 1W
Operating temperature	−20℃ ~ +60℃
Detection area	100%/75%/50%/20%
Hold time	2Sec/30Sec/60Sec/2Min/5Min/15Min/30Min/60Min
Daylight threshold	5Lux/25Lux/50Lux/100Lux/300Lux/600Lux/Disable
Microwave power	< 1mW
Microwave frequency	5.8GHz ± 75MHz
Mounting height	Max.9m(ceiling mounted)
Detection range	Diameter 10m (ceiling mounted)
Type	Built–in

Note: Sensor setting please refer to remote control

SAA APPROVALS

Victorian Energy Upgrades

5 year warranty

IPART
Independent Pricing and Regulatory Tribunal
New South Wales

LM-80   TM 21   LM 79
ISTMT   LCP

ESSENTIAL SERVICES COMMISSION

INSTALLATION
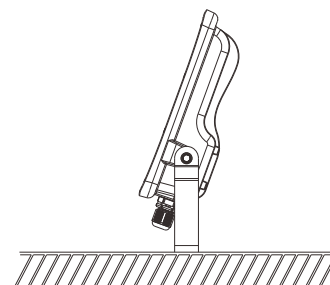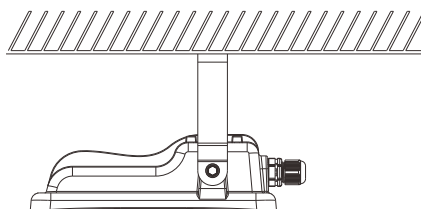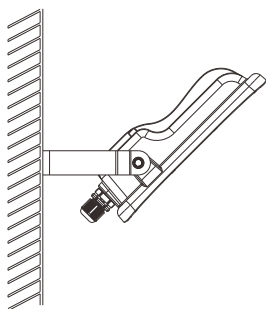
1.Fix the bracket on the wall by screws.   2.Adjust the lamp body to proper orientation.
3.Fix the srews that connecting the bracket and the lamp body.

Power	W mm(inch)	L mm(inch)	H mm(inch)	Weight KG	Maximum mounting height M	Max torque for mounting screws N.M
30/45/60W	245	215	70	2.5	5	20
80/100/120W	286	280	70	3.3	8	20

WARNING

The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.

PACKING

Item No.	ERS–F30/45/60W–SP	ERS–F80/100/120W–SP
Carton Size (mm)	560X295X250	650X360X290
Qty/CTN	6	6
N.W.(KG)	16.5	20.8
G.W.(KG)	17.5	21.8

Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District,Shenzhen, China
Warehouse Add: 25 Meriton Place, Clayton South, VIC 3169

Tel: 048 470 3010
Email: info@erstech.com.au

SAA APPROVALS

Victorian Energy Upgrades

5 year warranty

IPART
Independent Pricing and Regulatory Tribunal
New South Wales

LM-80   TM 21   LM 79
ISTMT   LCP

ESSENTIAL SERVICES COMMISSION