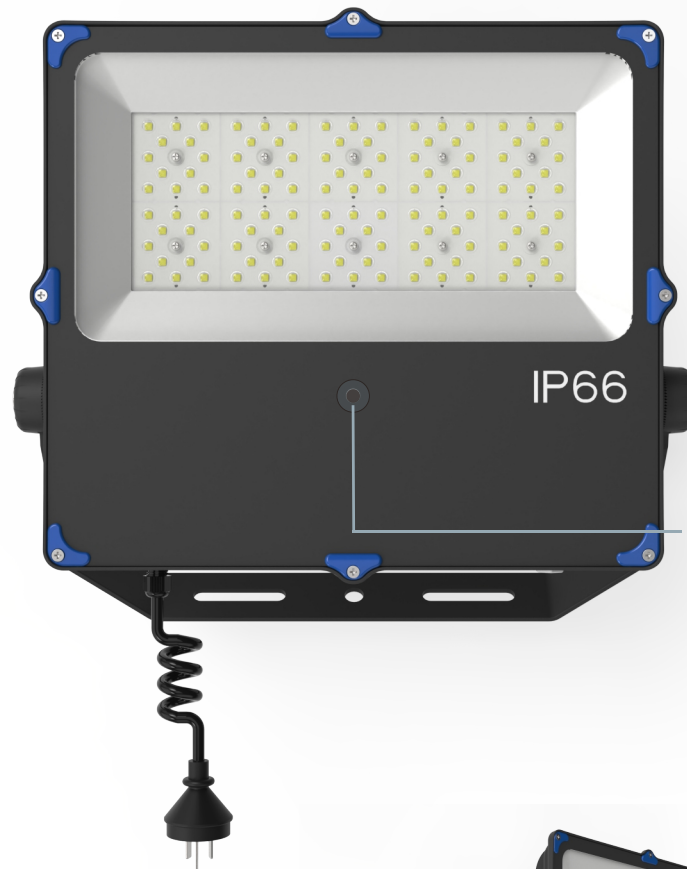


# LED Flood Light | 200W



Built-in sensor

## Advantages

- High efficiency, 140lm/w available.
- Beam angle 30° /60° /90° /120° / T2W/ T3M
- Integrated die-casting aluminum housing, elegant appearance
- Good heat dissipation, long lifespan
- Tempered glass, surface coating process, excellent corrosion-proof
- IP66



## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010

Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



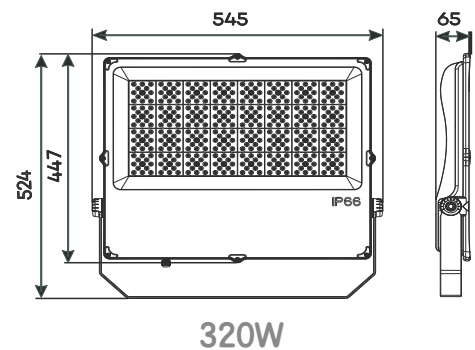
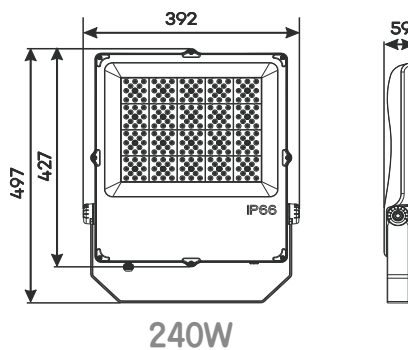
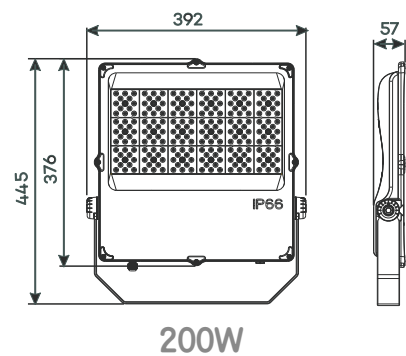
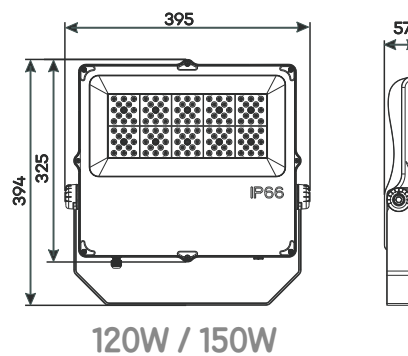
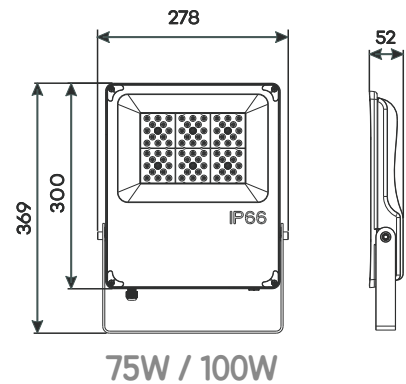
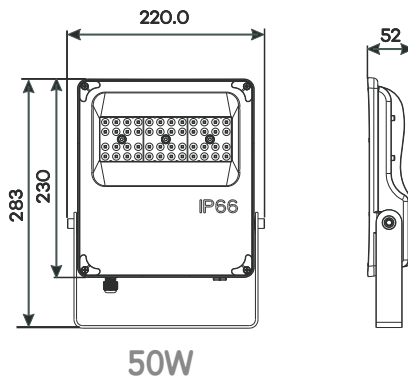
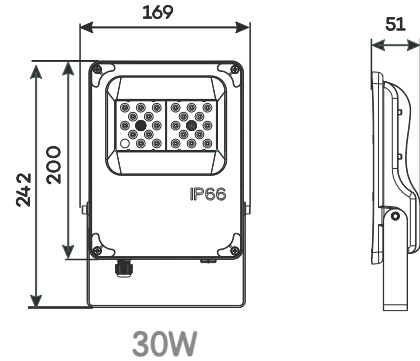
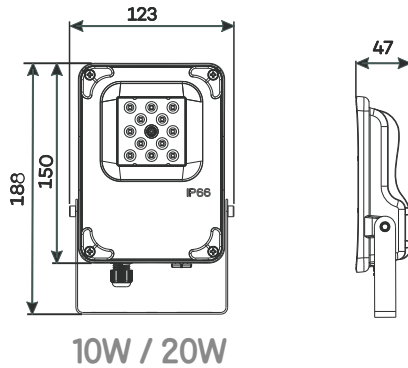
**Victorian  
Energy  
Upgrades**



**LM-80 TM21 LM79  
ISTMT LCP**



## DISTANCE



## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010

Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



**Victorian  
Energy  
Upgrades**



**LM-80 TM21 LM79  
ISTMT LCP**



## APPLICATION

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



## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010

Email: [info@erstech.com.au](mailto:info@erstech.com.au)



IPART  
Independent Pricing and Regulatory Tribunal  
New South Wales



Victorian  
Energy  
Upgrades

5 year warranty

LM-80 TM21 LM79  
ISTMT LCP



## SPECIFICATIONS

|                                 |                                    |
|---------------------------------|------------------------------------|
| Item No.                        | ERS-F200W                          |
| Power                           | 200W                               |
| Efficiency                      | 150lm/w                            |
| Lumen                           | 30000lm                            |
| Input Voltage                   | AC220-240V,50Hz                    |
| CCT                             | 3000K-6500K                        |
| IP Rating                       | IP 66                              |
| Beam Angle                      | 30° /60° /90° /120° /T2M/T3M       |
| Power Factor                    | >0.9                               |
| CRI                             | Ra>80                              |
| LED Chips                       | Lumileds 3030                      |
| Driver                          | ERS driver                         |
| Sensor                          | Daylight & Microwave Motion Sensor |
| Dimmable                        | PWM                                |
| Total Harmonic Distortion (THD) | ≤15%                               |
| Power Supply Efficiency         | >90%                               |
| Product Size (mm)               | 445X392X57                         |

### Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010

Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



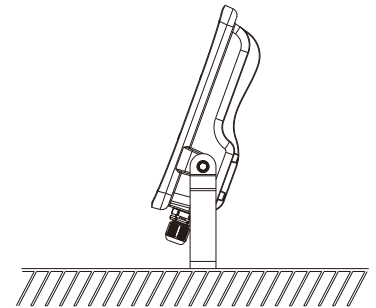
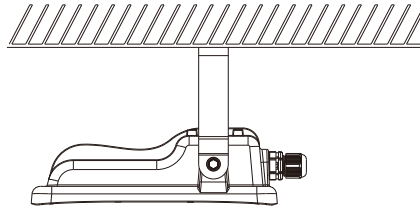
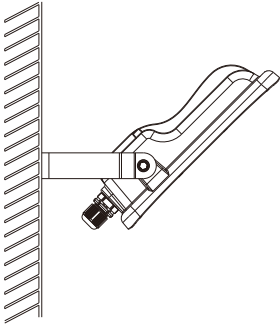
**Victorian  
Energy  
Upgrades**



**LM-80 TM21 LM79  
ISTMT LCP**

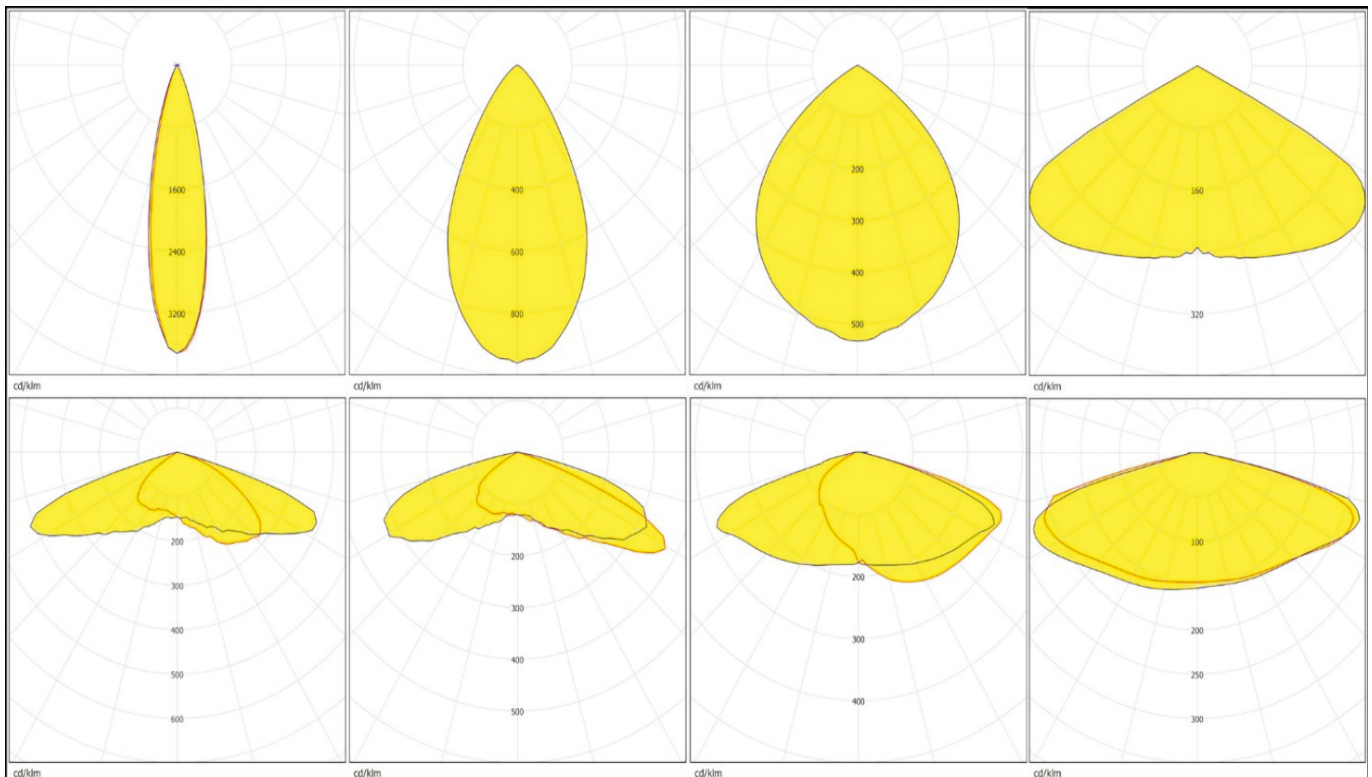
**ESSENTIAL SERVICES COMMISSION**

## INSTALLATION



1. Fix the bracket on the wall by screws
2. Adjust the lamp body to proper orientation
3. Fix the screws that connecting the bracket and the lamp body.
4. Connect the wires. Brown wire is L, blue wire is N, and yellow-green wire is G.

## DISTRIBUTION CURVE FLUX



## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010

Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



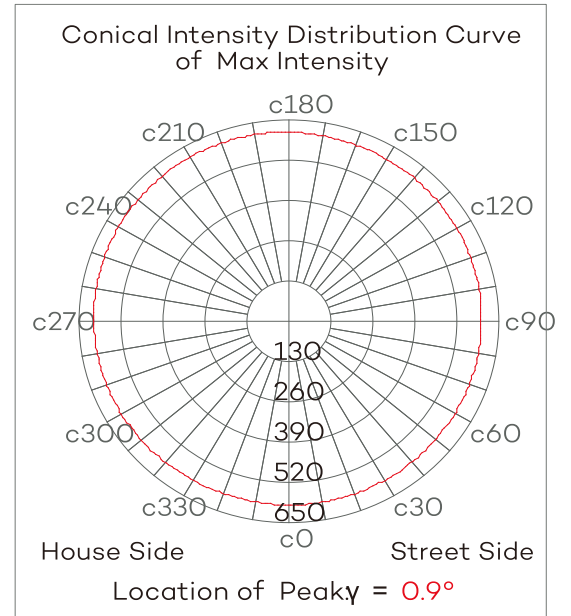
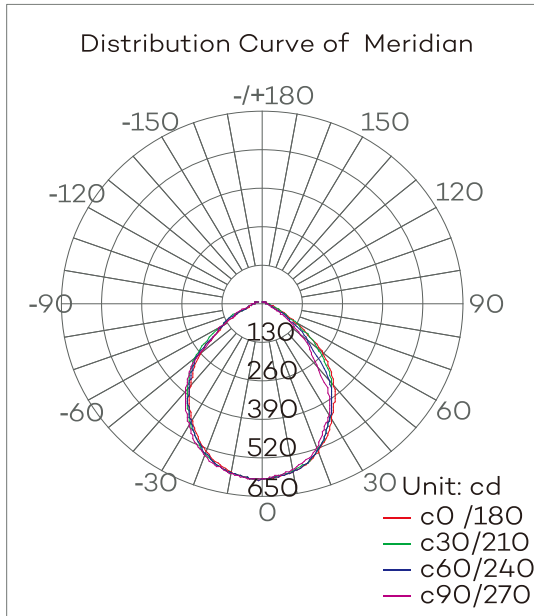
**Victorian  
Energy  
Upgrades**



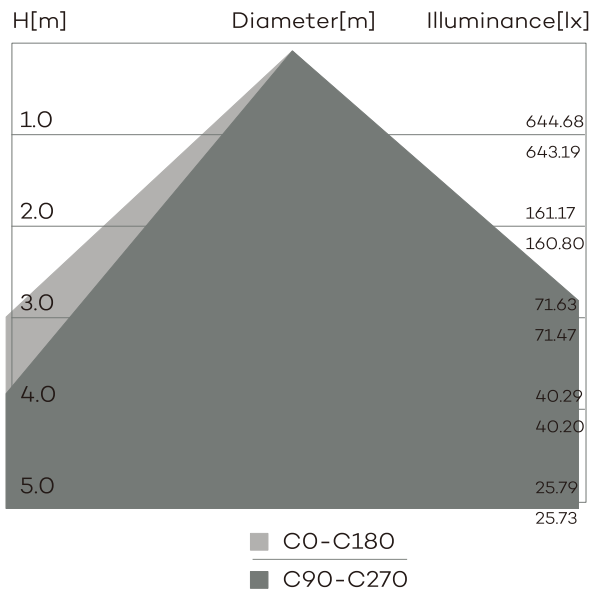
**LM-80 TM21 LM79  
ISTMT LCP**

**ESSENTIAL SERVICES COMMISSION**

## LUMINOUS INTENSITY DISTRIBUTION



## Illumination Cone Curve



## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010

Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



**Victorian Energy Upgrades**



**LM-80 TM21 LM79  
ISTMT LCP**

**ESSENTIAL SERVICES COMMISSION**

## PACKING

| Item No.      | Carton Size (mm) | Qty/CTN | N.W.(KG) | G.W.(KG) |
|---------------|------------------|---------|----------|----------|
| ERS-F10/20W   | 306X205X265      | 10      | 7        | 10       |
| ERS-F30W      | 400X260X280      | 10      | 12       | 14       |
| ERS-F50W      | 500X330X245      | 8       | 14.8     | 17.7     |
| ERS-F75/100W  | 415X315X365      | 6       | 16       | 19.6     |
| ERS-F120/150W | 492X492X80       | 1       | 4.28     | 5.7      |
| ERS-F200W     | 530X492X80       | 1       | 4.82     | 6.5      |
| ERS-F240W     | 585X492X80       | 1       | 6.1      | 8.1      |
| ERS-F320W     | 614X645X85       | 1       | 9        | 11.5     |

## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010  
Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



**Victorian  
Energy  
Upgrades**



**LM-80 TM21 LM79  
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%.



**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 environment lux.

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

The remote controller features the following buttons and functions:

- Detection Range:** 100%, 75%, 50%, 20%
- ON/OFF:** D, ON, OFF, M
- On Lux:** 5 Lux, 25 Lux, 50 Lux, Eye icon
- Hold time:** 100 Lux, 300 Lux, 600 Lux, Disable
- Standby brightness:** 2 Sec, 30 Sec, 60 Sec, 2 Min; 5 Min, 15 Min, 30 Min, 60 Min
- Scene:** 0%, 20%, 30%, 40%; 50%, 60%, 80%, 100%; Sc1, Sc2, Sc3, Refresh icon

## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010  
Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



**Victorian Energy Upgrades**



**LM-80 TM21 LM79  
ISTMT LCP**



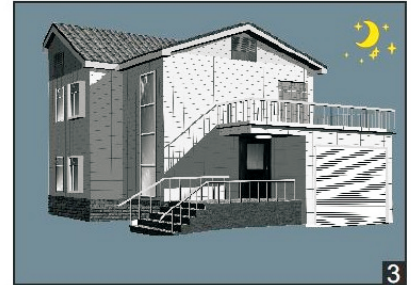
## FUNCTION DEMO-ON/OFF CONTROL



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



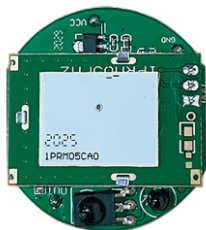
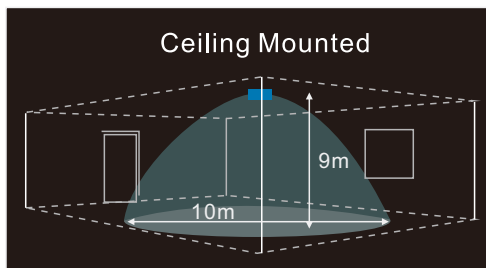
With insufficient daylight, when motion detected, light ON.



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

## SENSOR SPECIFICATION

### Detection Patterns



### Technical data

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Operating voltage     | 12VDC $\pm$ 2v                                |
| Stand-by power        | < 1W                                          |
| Operating temperature | -20°C ~ +60°C                                 |
| 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 $\pm$ 75MHz                            |
| Mounting height       | Max. 9m (ceiling mounted)                     |
| Detection range       | Diameter 10m (ceiling mounted)                |
| Type                  | Built-in                                      |

Note: Sensor setting please refer to remote control

## Shenzhen ERS Technology

Factory Add: C209, Baohuasen International Center, Qianjin Second Road, Xixiang Town, Bao'an District, Shenzhen, China  
Warehouse Add: 49 Metrolink Circuit, Campbellfield VIC 3061

Tel: 048 470 3010

Email: [info@erstech.com.au](mailto:info@erstech.com.au)



**IPART**  
Independent Pricing and Regulatory Tribunal  
New South Wales



**Victorian Energy Upgrades**



**LM-80 TM21 LM79**  
**ISTMT LCP**

