

LED Flood Light

BRIGHTEN YOUR LIFE

EFL12



EFL12

LED Flood Light

Mc series



Rated voltage 220-240V Frequency 50-60Hz

+50°C
-30°C

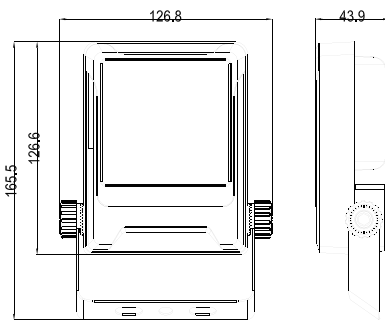
1.Features

- Replace conventional Flood Lights
- Die-casting Aluminum Housing
- Fade Resistant Powder Coat Finish
- Easy Installation
- Narrow beam angle available.
- CE ROHS listed

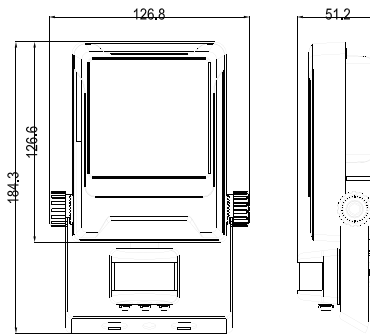
2.Application

- Stadiums Lighting
- Building Exterior Lighting.
- Amusement Park Lighting.
- Airport Lighting.
- Bridge Lighting.
- Tunnel Lighting.

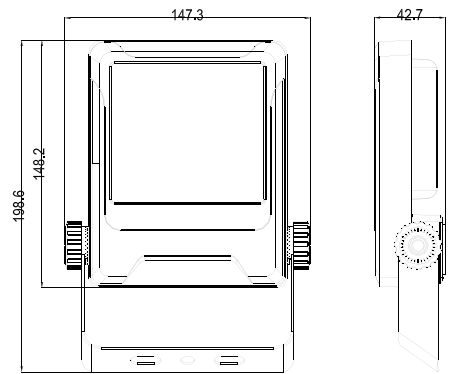
3.Product Dimensions



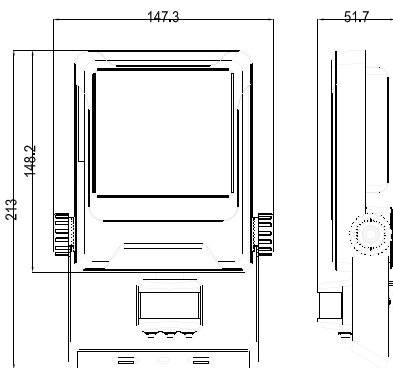
EFL12-10-FG
165.5*126.8*43.9 mm



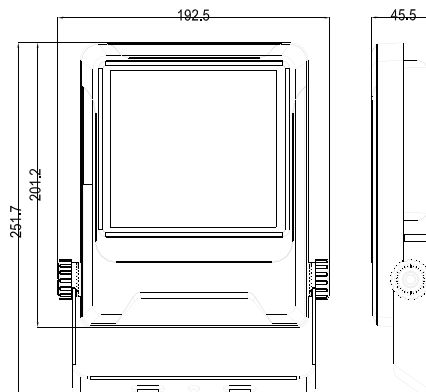
EFL12-10-FG-M(PIR)
184.3*126.8*51.2 mm



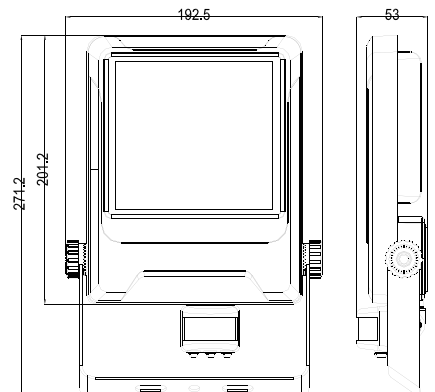
EFL12-20-FG
198.6*147.3*42.7 mm



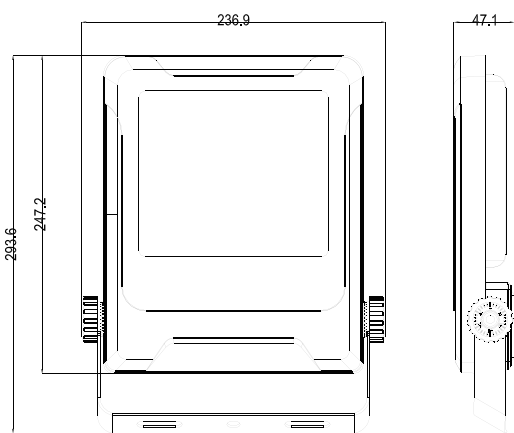
EFL12-20-FG-M(PIR)
213*147.3*51.7 mm



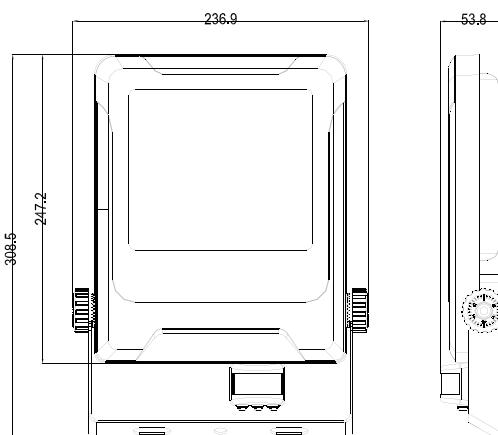
EFL12-30-FG/ EFL12-30-TG
251.7*192.5*45.5 mm



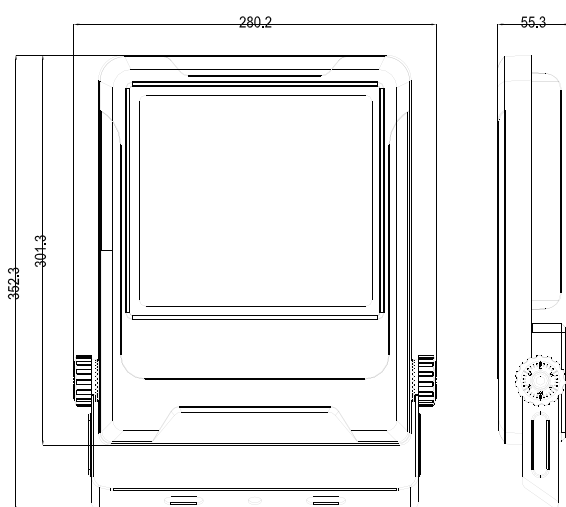
EFL12-30-FG-M(PIR)
271.2*192.5*45.5 mm



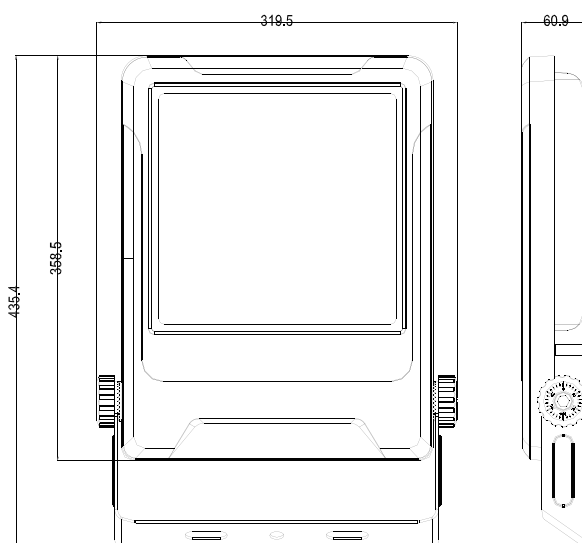
EFL12-50-FG/ EFL12-50-TG
293.6*236.9*47.1 mm



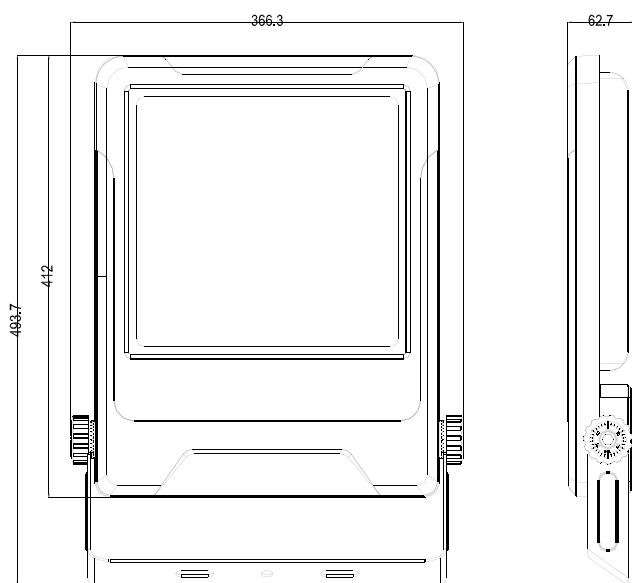
EFL12-50-FG-M(PIR)
308.5*236.9*53.8 mm



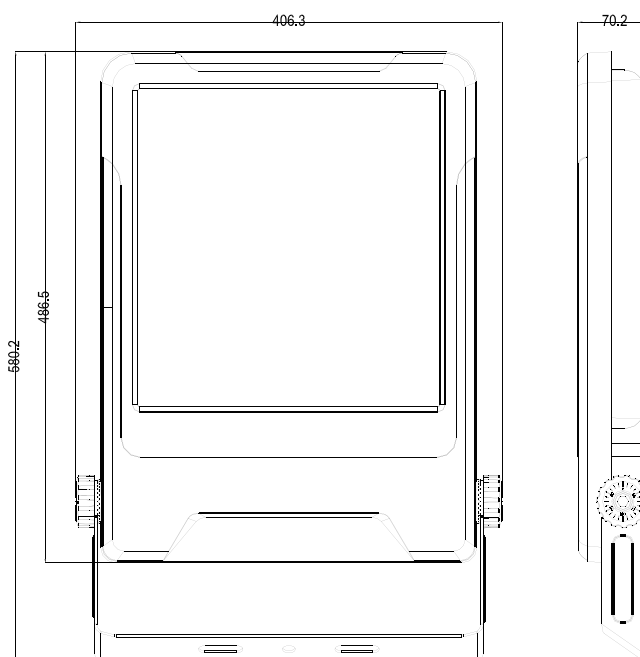
EFL12-100-FG/ EFL12-100-TG
352.3*280.2*55.3 mm



EFL12-150-FG/ EFL12-150-TG
435.4*319.5*60.9 mm



EFL12-200-FG/ EFL12-200-TG
493.7*366.3*62.7 mm



EFL12-250-FG/ EFL12-250-TG
EFL12-300-FG/ EFL12-300-TG
580.2*406.3*70.2 mm

4. Parameter

Model NO.	Power (W)	Beam Angle	Light Efficiency LM/W
EFL12-10-FG-M(PIR)	10	120°	130
EFL12-20-FG-M(PIR)	20	120°	130
EFL12-30-FG-M(PIR)	30	120°	130
EFL12-50-FG-M(PIR)	50	120°	150
EFL12-10-FG	10	120°	130
EFL12-20-FG	20	120°	130
EFL12-30-FG	30	120°	130
EFL12-30-TG	30	15°/30°/45°/60°/90°/T3M/T4M	130
EFL12-50-FG	50	120°	150
EFL12-50-TG	50	15°/30°/45°/60°/90°/T3M/T4M	140
EFL12-100-FG	100	120°	150
EFL12-100-TG	100	15°/30°/45°/60°/90°/T3M/T4M	140
EFL12-150-FG	150	120°	150
EFL12-150-TG	150	15°/30°/45°/60°/90°/T3M/T4M	140
EFL12-200-FG	200	120°	150
EFL12-200-TG	200	15°/30°/45°/60°/90°/T3M/T4M	140
EFL12-250-FG	250	120°	150
EFL12-250-TG	250	15°/30°/45°/60°/90°/T3M/T4M	140
EFL12-300-FG	300	120°	150
EFL12-300-TG	300	15°/30°/45°/60°/90°/T3M/T4M	140

Above lumens based on 4000K Ra : 80

AC Input : 220-240 V 50/60Hz

Light Source : 2835

CRI Range : 80

CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)

Light Efficiency : 120LM/W, 130LM/W, 140Lm/W,150Lm/W

Beam Angle :

EFL12-XX-FG-XX: 120°

EFL12-XX-TG-XX: 15°/30°/45°/60°/90°/T3M/T4M (with LENS)

Waterproof : IP65

Recommended Installation Height : 3-20M

PF:≥0.95 THD<20% Power Efficiency:≥0.9

Temperature : (Storage : -40~+65°C) (Operating : -30~+50°C)



PIR sensor



Dimmable



PIR SENSOR



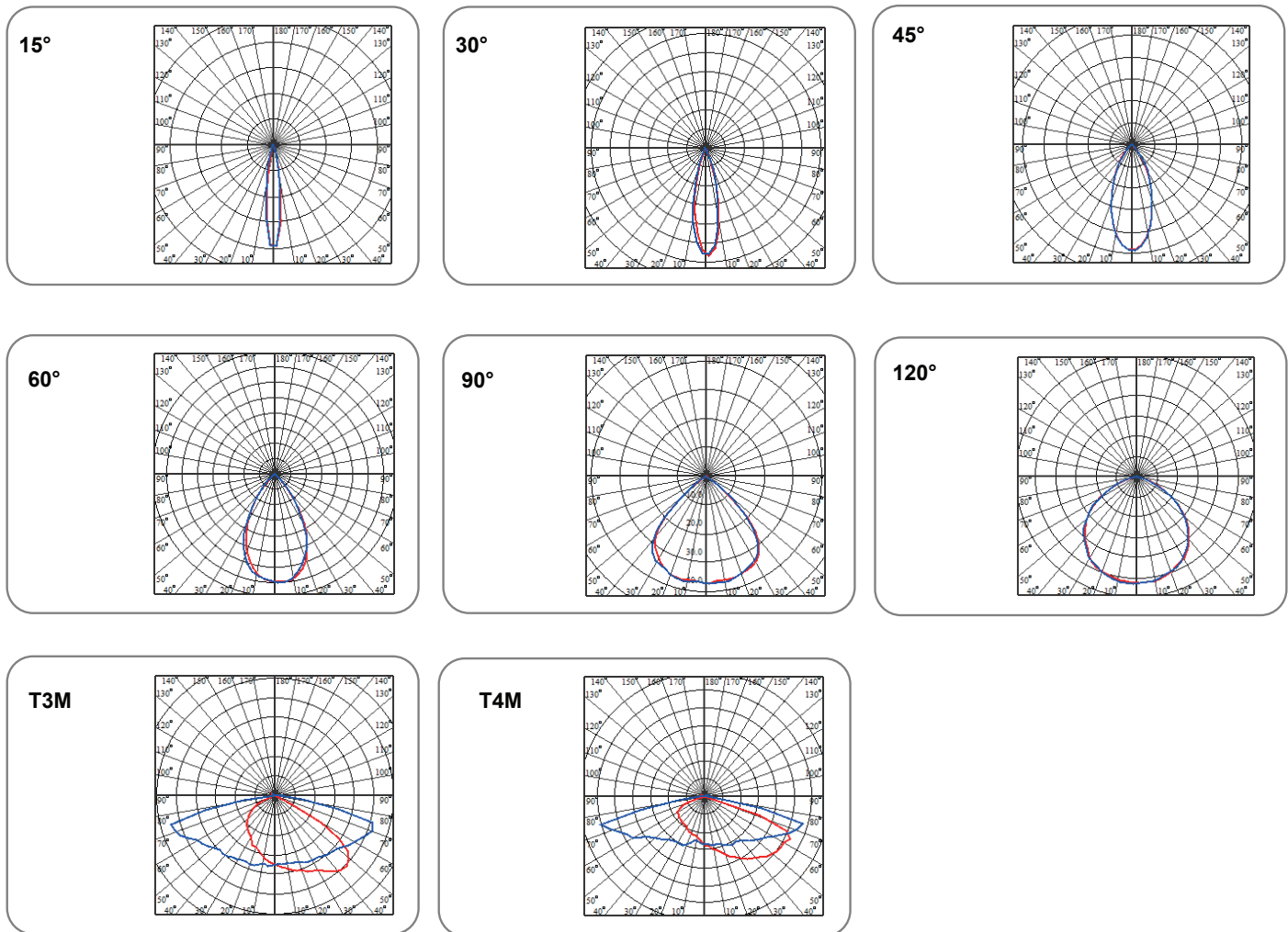
Visualization installation angle



Label positioning

Special bracket design, can be fixed directly without removing the bracket

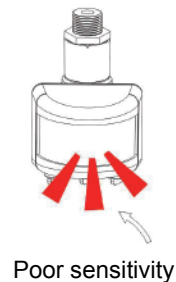
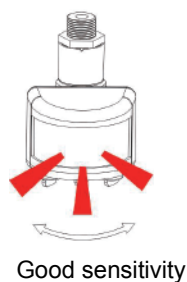
5. Light distribution



6. PIR Sensor Description

Power Source: 220 -240V/AC
 Power Frequency: 50Hz
 Ambient Light: 10-2000LUX (adjustable)
 Time-Delay: min: 10sec±3sec
 max: 7min±2min
 Rated Load: 100W (incandescent lamp)
 100W(energy-saving lamp)
 Detection Motion Speed: 0.6~1.5m/s
 Detection Distance: 2-16m (<24 C) (adjustable)

Detection Range: 180°
 Working Temperature: -20~+40 C
 Working Humidity: <93%RH
 Installation Height: 1.8m~2.5m
 Power Consumption: <0.9W (work)
 <0.9W (static)





Can identify day and night: The consumer can adjust work ambient light. It can work in the daytime and at night when it is adjusted on the “+” position (max). It can work in the ambient light less than 10LUX when it is adjusted on the “moon” position (min). As for the adjustment pattern, please refer to the testing pattern.

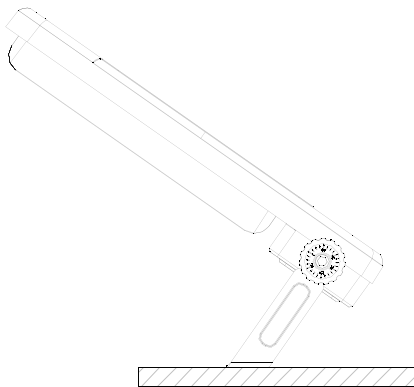


SENS adjustable: It can be adjusted according to using location; low sensitivity with 5m for detection distance; high sensitivity with 10m, it fits for large room.

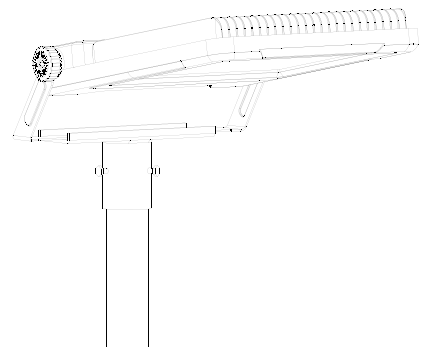


Time-delay is added continually: When it receives the second induction signals after the first induction, it will compute time once more on the rest of the first time-delay basic (set time).
Time-delay adjustment: It can be set according to the consumer's desire.
The minimum time is 10sec $\pm$ 3sec. The maximum is 7min $\pm$ 2min.

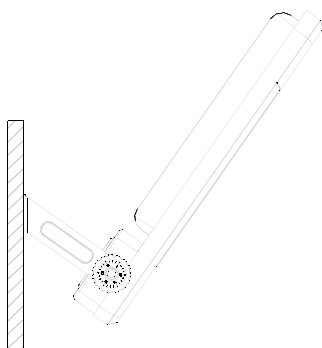
7. Installation :



A



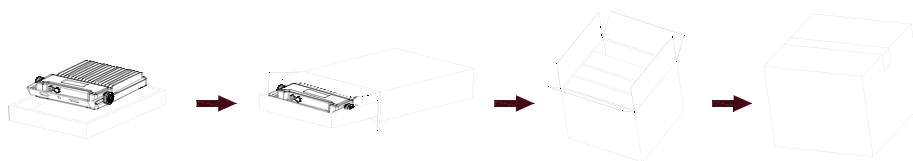
C



B



8 . Package



Model	Outer Carton	N.W	G.W	CTNS
EFL12-10-XX-XX	422*192*568MM	15KG	17KG	30PCS/CTNS
EFL12-20-XX-XX	410*207*565MM	13.6KG	15.6KG	20PCS/CTNS
EFL12-30-XX-XX	595*256*290MM	16.8KG	18.2KG	15PCS/CTNS
EFL12-50-XX-XX	527*320*310MM	16.0KG	18.3KG	10PCS/CTNS
EFL12-100-XX-XX	406*332*390MM	8.8KG	12.5KG	4PCS/CTNS
EFL12-150-XX-XX	498*390*328MM	14.4KG	16KG	4PCS/CTNS
EFL12-200-XX-XX	560*421*240MM	15.0KG	17.4KG	3PCS/CTNS
EFL12-250-XX-XX	636*462*182MM	14.7KG	17.3KG	2PCS/CTNS
EFL12-300-XX-XX	636*462*182MM	14.9KG	17.5KG	2PCS/CTNS

9 . Attention

This specification is for reference only,we reserve the right to change without notice.If you need the updated info,please contact local distributors or visit our website at <http://www.ervan.cn>

ERVAN reserves the right of final explanation.