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GONZALO DE ANDRÉS**



OFFICIAL PARTNER



CHZ-LIGHTING

FLOOD LIGHTING

(2024-2025)

Creative Lighting, Healthy Living

Profile

SHANGHAI CHZ LIGHTING CO.,LTD., established in 2013, is one of the leading manufacturers of LED lighting products in China. Our headquarter is located at Jiading of Shanghai, we have three production bases in Shanghai, Hangzhou and Ningbo city, with a total of 12,000m² plant area and 1.0M sets of LED lights' production per year.

We adhere to the idea of "technology first", and cooperate with Fudan University to continuously develop new products. Our products have covered office lighting, industrial lighting, flood lighting, stadium lighting, road lighting, and solar lighting. We offer, not only qualified lights, but also complete intelligent lighting solutions.

By continuous high investment on management and R&D, we has passed ISO9001, ISO14001, ISO45001 and ISO50001 system certifications. Meanwhile, we have got ENEC, ENEC++, CE, CB and ETL quality certifications proved by famous labs, such as TUV. Moreover, we have been rewarded lots of honors by the government, such as "National High-tech Enterprise", "Shanghai Technological Enterprise" and etc.

Our products have been exported to over 80 countries around the world and used for thousands of public projects. By high quality and excellent service, "CHZ LIGHTING" has won very good reputation in those markets. We will continue to work hard and tirelessly strive to build "CHZ LIGHTING" as one globally renowned brand.

Awards



Qualification



ISO9001



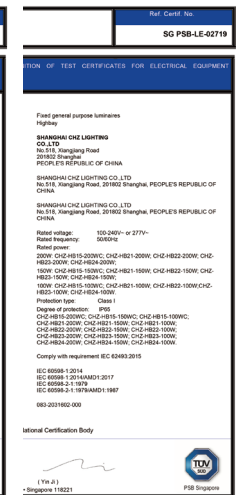
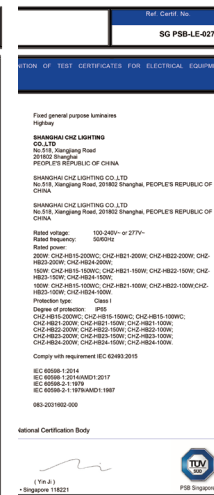
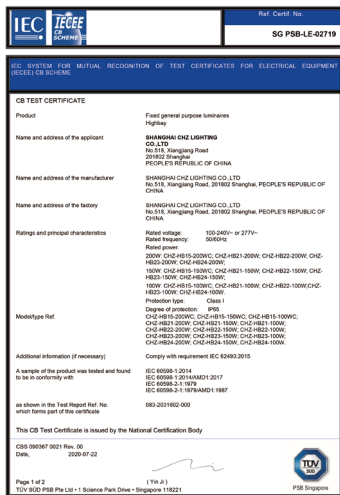
ISO14001



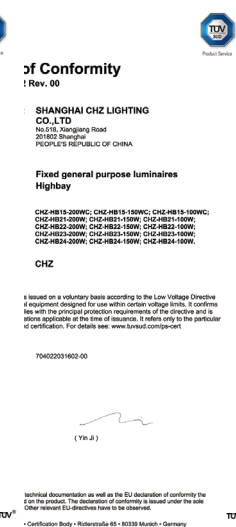
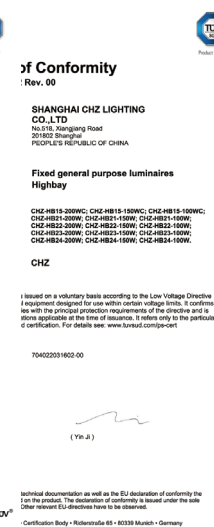
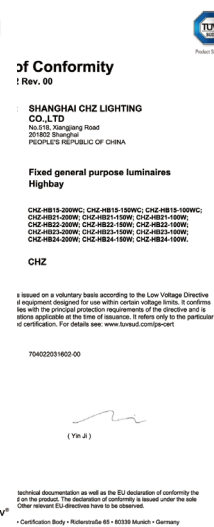
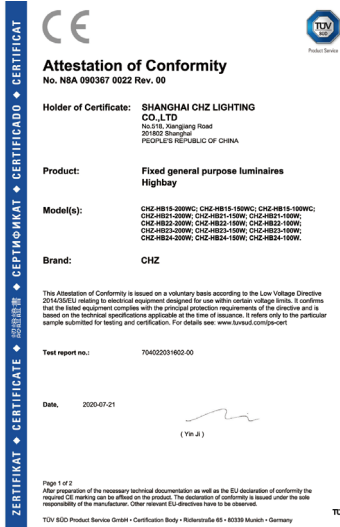
ISO45001



ISO50001



CB Certification



CE Certification

◆ Company Image



Shanghai Headquator



Europe Company



Spain Warehouse



Marketing Department



R&D Department



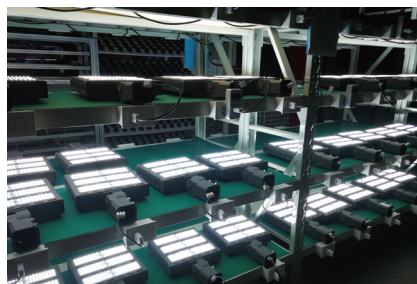
Training Meeting



Assembling line



Testing Line



Old Aging



Outdoor Development



Argentina team



Team action



Spain Team



Spain Team



Shareholder Dinner

FLOOD LIGHTING

6W-500W



ROHS CB CE

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Flood Lighting



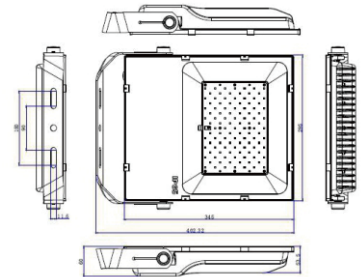
◆ FL13 Series

Product Feature:

- A. High quality LED light source and the constant current driver, high luminous efficiency;
- B. Slim light body design, elegant appearance, the drag coefficient is small;
- C. Emitting area, fast heat dissipation, even soft light, low glare;
- D. Overall service life of over 50,000 hours, low maintenance cost;
- E. Compared to conventional lamps, saving more than 50%, widely used to replace traditional lamps.

Application:

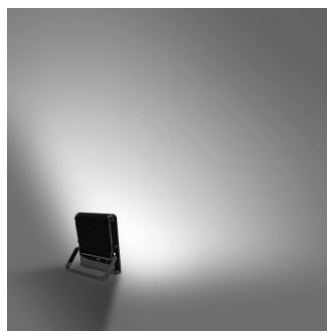
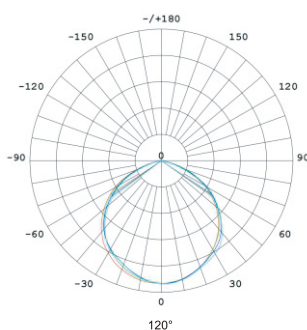
Suitable for parking lots billboards, stadiums (football, basketball and tennis), you are building facade, airport and Bridge.



CHZ-FL13-100W

Technical Parameters:

| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | PF | Lumen (LM/W) | Beam Angle | CCT (K) | IP | Product Size(mm) | | |
|-----------|-----------|----------|-------------|----------------|-------|--------------|------------|-----------|------|------------------|-----|----|
| | | | | | | | | | | L | W | H |
| FL13-30W | 30 | SMD3030 | 30 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 227 | 167 | 45 |
| FL13-50W | 50 | SMD3030 | 50 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 310 | 220 | 50 |
| FL13-80W | 80 | SMD3030 | 80 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 354 | 245 | 55 |
| FL13-100W | 100 | SMD3030 | 100 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 402 | 295 | 60 |
| FL13-150W | 150 | SMD3030 | 150 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 430 | 330 | 60 |
| FL13-200W | 200 | SMD3030 | 240 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 470 | 360 | 60 |



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Flood Lighting

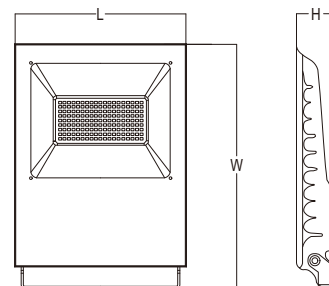
CE CB ROHS



◆ FL36 Series

Product Feature:

- A. High quality LED light source and the constant current drive, high luminous efficiency;
- B. Slim light body design, elegant appearance, the drag coefficient is small;
- C. Emitting area, fast heat dissipation, even soft light, low glare;
- D. Two versions of beam angle for option, 120° or 30°/60°, for different applications.
- E. Overall service life of over 50,000 hours, low maintenance cost;
- F. Compared to conventional lamps, saving more than 50%, widely used to replace traditional lamps.

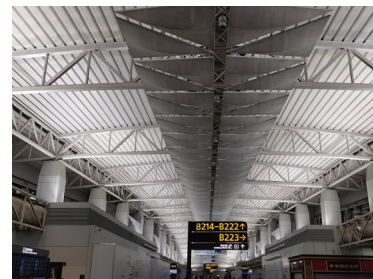
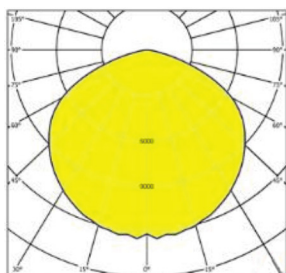


Application:

Suitable for parking lots billboards, stadiums (football, basketball and tennis), you are building facade, airport and Bridge.

Technical Parameters:

| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | PF | Lumen (LM/W) | Beam Angle | CCT (K) | IP | Product Size(mm) | | |
|-----------|-----------|----------|-------------|----------------|-------|--------------|------------|-----------|------|------------------|-----|----|
| | | | | | | | | | | L | W | H |
| FL36-50W | 50 | SMD2835 | 84 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 182 | 360 | 47 |
| FL36-100W | 100 | SMD2835 | 180 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 241 | 329 | 54 |
| FL36-150W | 150 | SMD2835 | 240 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 277 | 369 | 57 |
| FL36-200W | 200 | SMD2835 | 336 | 100-277 | >0.95 | >130 | 120° | 3000-6500 | IP65 | 326 | 409 | 60 |



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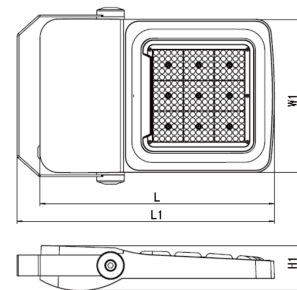
◆ FL27 Series

Product Feature:

- A. High quality SMD3030 chips and driver, stable performance and high efficiency;
- B. Slim light body design, elegant appearance, and low wind resistance.
- C. Emitting area, fast heat dissipation, even soft light, low glare;
- D. Overall service life of over 50,000 hours, low maintenance cost;
- E. Compared to conventional lamps, saving more than 50%, widely used to replace traditional lamps.

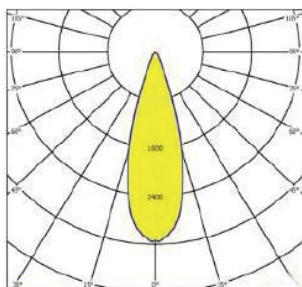
Application:

Widely used in shopping malls, exhibition halls, parking lots, sports fields, stadiums, billboards, parks, sculptures and etc.

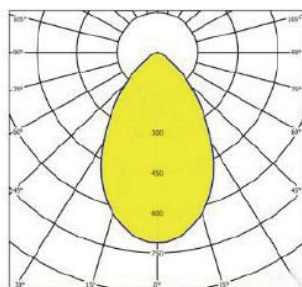


Technical Parameters:

| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | PF | Lumen (LM/W) | Beam Angle | CCT (K) | IP | Product Size(mm) | | | |
|------------|-----------|----------|-------------|----------------|-------|--------------|------------|-----------|------|------------------|-----|-----|----|
| | | | | | | | | | | L | L1 | W1 | H1 |
| FL27-50Wmi | 50 | SMD3030 | 96 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 290 | 325 | 185 | 50 |
| FL27-80Wmi | 80 | SMD3030 | 96 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 290 | 325 | 185 | 50 |
| FL27-100WS | 100 | SMD3030 | 144 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 385 | 420 | 250 | 65 |
| FL27-150WS | 150 | SMD3030 | 216 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 385 | 420 | 250 | 65 |
| FL27-200WM | 200 | SMD3030 | 256 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 450 | 505 | 300 | 65 |
| FL27-300WM | 300 | SMD3030 | 384 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 450 | 505 | 300 | 65 |
| FL27-400WL | 400 | SMD3030 | 576 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 570 | 630 | 450 | 80 |
| FL27-500WL | 500 | SMD3030 | 864 | 100-277 | >0.95 | >130 | 30°/60° | 3000-6500 | IP66 | 570 | 630 | 450 | 80 |



30°



60°



CHz[®]**Flood Lighting**

CE CB ROHS



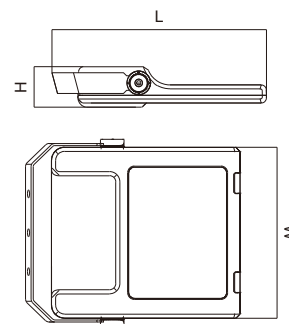
◆ FL27A Series

Product Feature:

- A. High quality SMD3030 chips and driver, stable performance and high efficiency;
- B. Slim light body design, elegant appearance, and low wind resistance.
- C. Emitting area, fast heat dissipation, even soft light, low glare;
- D. Overall service life of over 50,000 hours, low maintenance cost;
- E. Compared to conventional lamps, saving more than 50%, widely used to replace traditional lamps.

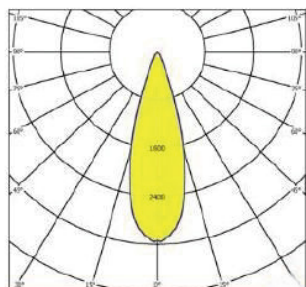
Application:

Widely used in shopping malls, exhibition halls, parking lots, sports fields, stadiums, billboards, parks, sculptures and etc.

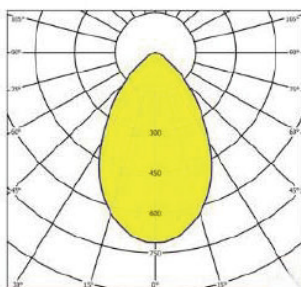


Technical Parameters:

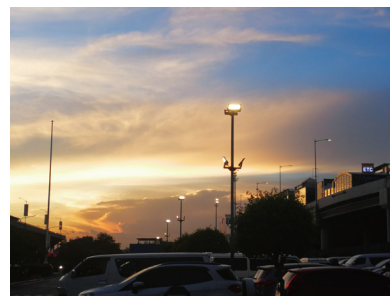
| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | PF | Lumen (LM/W) | Beam Angle | CCT (K) | IP | Product Size(mm) | | |
|-------------|-----------|----------|-------------|----------------|-------|--------------|------------|-----------|------|------------------|-----|----|
| | | | | | | | | | | L | W | H |
| FL27A-50WMI | 50 | SMD3030 | 72 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 256 | 261 | 78 |
| FL27A-80WMI | 80 | SMD3030 | 144 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 286 | 316 | 78 |
| FL27A-100WS | 100 | SMD3030 | 288 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 330 | 414 | 78 |
| FL27A-150WS | 150 | SMD3030 | 288 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 330 | 414 | 78 |
| FL27A-200WM | 200 | SMD3030 | 576 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 431 | 525 | 79 |
| FL27A-300WM | 300 | SMD3030 | 576 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 431 | 525 | 79 |
| FL27A-400WL | 400 | SMD3030 | 960 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 567 | 643 | 79 |
| FL27A-500WL | 500 | SMD3030 | 960 | 100-277 | >0.95 | >140 | 30°/60° | 3000-6500 | IP66 | 567 | 643 | 79 |



30°



60°



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Flood Lighting



◆ FL27B Series

Product Feature:

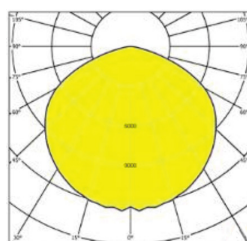
- A. High quality SMD2835 chips and driver, stable performance and high efficiency.
- B. Slim light body design, elegant appearance, the drag coefficient is small.
- C. Emitting area, fast heat dissipation, even soft light, low glare.
- D. Overall service life of over 50,000 hours, low maintenance cost.
- E. Compared to conventional lamps, saving more than 50%, widely used to replace traditional lamps.

Application:

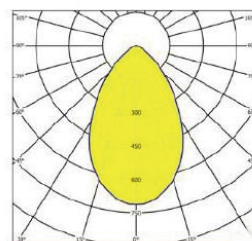
Widely used in shopping malls, exhibition halls, parking lots, sports fields, stadiums, billboards, parks, sculptures and etc.

Technical Parameters:

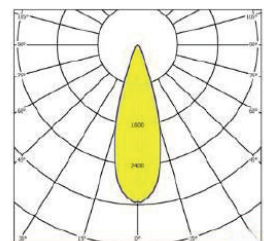
| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | PF | Lumen (LM/W) | Beam Angle | CCT (K) | IP | Product Size(mm) | | |
|------------|-----------|----------|-------------|----------------|-------|--------------|---------------------------------|-----------|------|------------------|-----|----|
| | | | | | | | | | | L | W | H |
| FL27B-30W | 30 | SMD2835 | 72 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 212 | 217 | 38 |
| FL27B-50W | 50 | SMD2835 | 120 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 239 | 254 | 38 |
| FL27B-100W | 100 | SMD2835 | 192 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 314 | 302 | 49 |
| FL27B-150W | 150 | SMD2835 | 360 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 364 | 358 | 49 |
| FL27B-200W | 200 | SMD2835 | 480 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 414 | 386 | 51 |
| FL27B-250W | 250 | SMD2835 | 600 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 480 | 460 | 54 |
| FL27B-300W | 300 | SMD2835 | 720 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 480 | 460 | 54 |
| FL27B-500W | 500 | SMD2835 | 1200 | 100-277 | >0.95 | >140 | 120° | 3000-6500 | IP66 | 589 | 550 | 56 |
| FL27B-30W | 30 | SMD2835 | 48 | 100-277 | >0.95 | >140 | 30°/45° /60°/90°/T 2M/T3M | 3000-6500 | IP66 | 212 | 217 | 38 |
| FL27B-50W | 50 | SMD2835 | 144 | 100-277 | >0.95 | >140 | | 3000-6500 | IP66 | 239 | 254 | 38 |
| FL27B-100W | 100 | SMD2835 | 240 | 100-277 | >0.95 | >140 | | 3000-6500 | IP66 | 314 | 302 | 49 |
| FL27B-150W | 150 | SMD2835 | 360 | 100-277 | >0.95 | >140 | | 3000-6500 | IP66 | 364 | 358 | 49 |
| FL27B-200W | 200 | SMD2835 | 432 | 100-277 | >0.95 | >140 | | 3000-6500 | IP66 | 414 | 386 | 51 |
| FL27B-250W | 250 | SMD2835 | 672 | 100-277 | >0.95 | >140 | | 3000-6500 | IP66 | 480 | 460 | 54 |
| FL27B-300W | 300 | SMD2835 | 675 | 100-277 | >0.95 | >140 | | 3000-6500 | IP66 | 480 | 460 | 54 |
| FL27B-500W | 500 | SMD2835 | 1080 | 100-277 | >0.95 | >140 | | 3000-6500 | IP66 | 589 | 550 | 56 |



120°



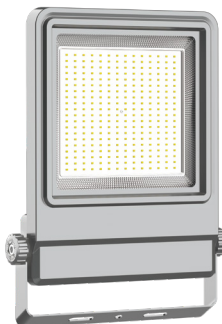
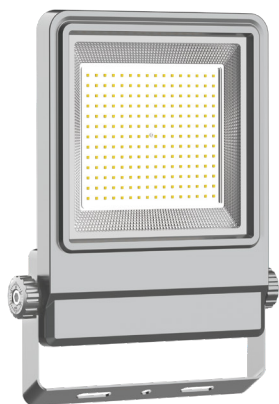
60°



30°

CH₂**Flood Lighting**

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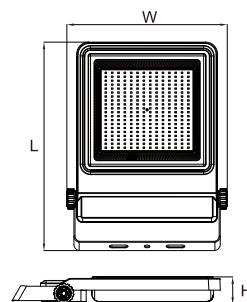
◆ FL39 Series

Product Feature:

- A. High quality SMD2835 chips and driver, with higher efficiency.
- B. Slim light body design, elegant appearance, the drag coefficient is small.
- C. Emitting area, fast heat dissipation, even soft light with lower glare.
- D. Regular, 1-10V/0-0V/PMW, or DALI dimmable driver for option.
- E. Motion sensor is available from 10W to 100W, can save more energy.

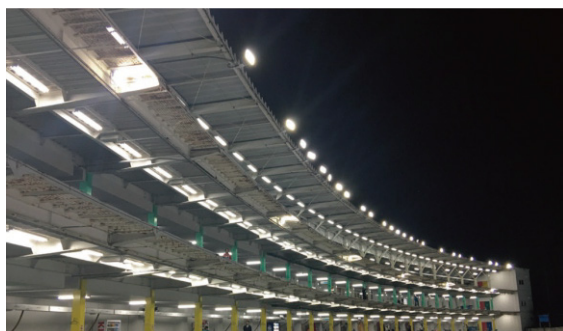
Application:

Widely used in shopping malls, exhibition halls, parking lots, sports fields, stadiums, billboards, parks, sculptures and etc.



Technical Parameters:

| Model No. | Power (W) | LED TYPE | Input volt (V) | PF | Lumen (LM/W) | Beam Angle | Motion Sensor | CCT (K) | IP/IK | Product Size(mm) | | |
|-----------|-----------|----------|----------------|-------|---------------------------|--|---------------|-----------|-----------|------------------|-----|----|
| | | | | | | | | | | L | W | H |
| FL39-10W | 10 | SMD2835 | 100-277 | >0.95 | | | Available | 3000-6500 | IP66/IK08 | 159 | 127 | 44 |
| FL39-20W | 20 | SMD2835 | 100-277 | >0.95 | | | Available | 3000-6500 | IP66/IK08 | 188 | 147 | 44 |
| FL39-30W | 30 | SMD2835 | 100-277 | >0.95 | | | Available | 3000-6500 | IP66/IK08 | 242 | 193 | 46 |
| FL39-50W | 50 | SMD2835 | 100-277 | >0.95 | | | Available | 3000-6500 | IP66/IK08 | 293 | 237 | 47 |
| FL39-100W | 100 | SMD2835 | 100-277 | >0.95 | >140@lens >150@no lens | 120°@no lens 25°/45°/60°/90° /150×70°@lens | Available | 3000-6500 | IP66/IK08 | 343 | 280 | 55 |
| FL39-150W | 150 | SMD2835 | 100-277 | >0.95 | | | NO | 3000-6500 | IP66/IK08 | 424 | 320 | 61 |
| FL39-200W | 200 | SMD2835 | 100-277 | >0.95 | >140@lens >150@no lens | 120°@no lens 25°/45°/60°/90° /150×70°@lens | NO | 3000-6500 | IP66/IK08 | 476 | 366 | 63 |
| FL39-250W | 250 | SMD2835 | 100-277 | >0.95 | | | NO | 3000-6500 | IP66/IK08 | 569 | 406 | 69 |
| FL39-300W | 300 | SMD2835 | 100-277 | >0.95 | | | NO | 3000-6500 | IP66/IK08 | 569 | 406 | 69 |



120°
(no lens)



Motion sensitivity



25°



45°



60°



90°



70 x 150°

ROHS CB CE

CH₂[®]

Spot Lighting



◆ FL30A Series

Product Feature:

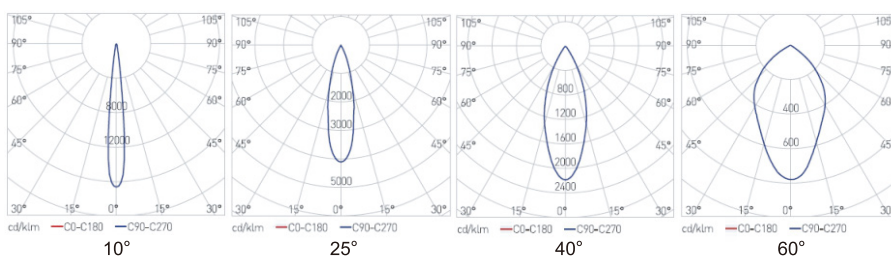
- A. Simple and beautiful design with compact structure, which is widely used in any outdoor lighting place.
- B. Take SMD3030 or SMD3535 excellent chips, maximum power 48W, luminous efficiency can be up to 100lm/W.
- C. Made of high grade ADC12 aluminum, integrated die-casting molding, solid and durable.
- D. 500-hours salt spray corrosion resistant coating treatment process on the surface of the lamp body can effectively resist ultraviolet radiation and harsh environmental corrosion.
- E. Integration of light source and power supply makes the installation more convenient.
- F. High-transparent tempered glass, with a variety of light beam angles and colors for selection.
- G. Provide a variety of anti-glare grille and stretch optical glass to match freely.

Application:

Widely used in shopping malls, exhibition halls, parking lots, bridges, billboards, parks, sculptures and etc.

Technical Parameters:

| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | Control | Color | Beam Angle | IP/IK | Product Size(mm) | | |
|-----------|-----------|----------|-------------|----------------|---------------|---------|-----------------|-----------|------------------|-----|-----|
| | | | | | | | | | L | W | H |
| FL30A-16W | 16 | SMD3535 | 16 | DC24V | DMX512 ON/OFF | R/G/B/W | 10°/25°/40°/60° | IP66/IK08 | 150 | 150 | 105 |
| FL30A-32W | 32 | SMD3535 | 16 | DC24V | DMX512 ON/OFF | R/G/B/W | 10°/25°/40°/60° | IP66/IK08 | 150 | 150 | 105 |
| FL30A-24W | 24 | SMD3535 | 24 | DC24V | DMX512 ON/OFF | R/G/B/W | 10°/25°/40°/60° | IP66/IK08 | 242 | 180 | 120 |
| FL30A-48W | 48 | SMD3535 | 24 | DC24V | DMX512 ON/OFF | R/G/B/W | 10°/25°/40°/60° | IP66/IK08 | 293 | 180 | 120 |
| FL30A-16W | 16 | SMD3535 | 16 | DC24V | DMX512 | RGBW | 10°/25°/40°/60° | IP66/IK08 | 150 | 150 | 105 |
| FL30A-32W | 32 | SMD3535 | 16 | DC24V | DMX512 | RGBW | 10°/25°/40°/60° | IP66/IK08 | 150 | 150 | 105 |
| FL30A-24W | 24 | SMD3535 | 24 | DC24V | DMX512 | RGBW | 10°/25°/40°/60° | IP66/IK08 | 180 | 180 | 120 |
| FL30A-48W | 48 | SMD3535 | 24 | DC24V | DMX512 | RGBW | 10°/25°/40°/60° | IP66/IK08 | 180 | 180 | 120 |



CHz[®]**Spot Lighting**

CE CB ROHS



◆ FL30B Series

Product Feature:

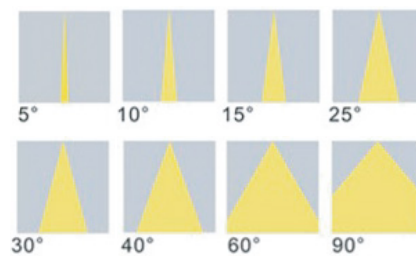
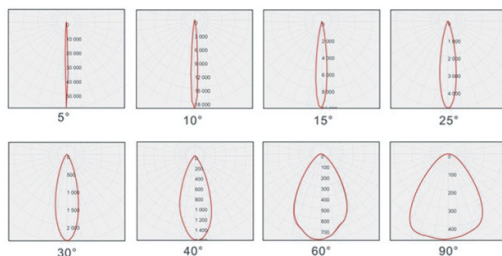
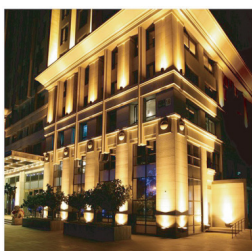
- A. Adopt a new design concept and hidden screw design, which brings a new visual impact to users;
- B. Take SMD3030 or SMD3535 chips, the max efficiency can be up to 100lm/W;
- C. The dual-cavity structure design of power supply module and light source module makes it easy to replace without interference with each other, and does not affect the sealing performance;
- D. Open heat dissipation structure, significant heat dissipation effect, fish-fin design skeleton, also avoid dust, leaves, rain accumulation, rain can be discharged from any direction smoothly;
- E. Ultra-white tempered glass with high light transmittance up to 92%;
- F. 500-hours salt spray corrosion resistant coating treatment process on the surface of the lamp body can effectively resist ultraviolet radiation and harsh environmental corrosion, and is reliable and durable;
- G. Multiple installation methods: bracket installation, open and buried installation, ground plug installation, hoop installation to suit for different places.

Application:

It is widely used in medium-low pole lighting, building facades, squares, stages, parks, residential areas and other places.

Technical Parameters:

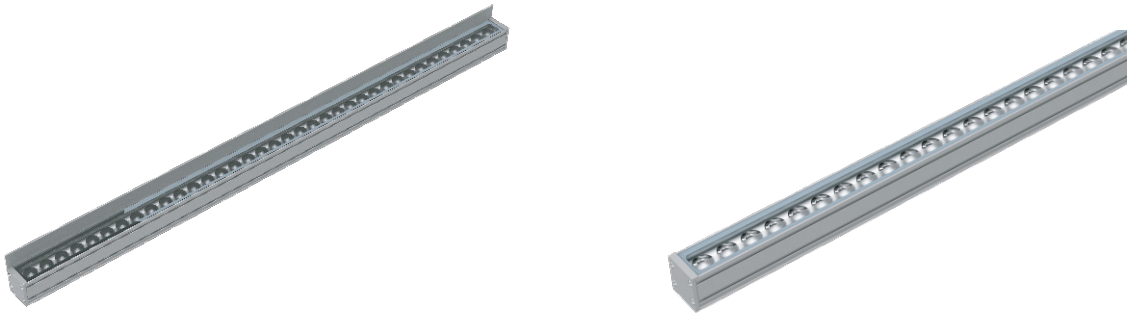
| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | Control | Color | Beam Angle | IP/IK | Product Size(mm) | | |
|-----------|-----------|----------|-------------|----------------|---------------|----------------|---------------------|-----------|------------------|-----|-----|
| | | | | | | | | | L | W | H |
| FL30B-12W | 12 | SMD3030 | 12 | DC24V | DMX512 ON/OFF | R/G/B/W ON/OFF | 18°/24°/36° | IP66/IK08 | 114 | 132 | 98 |
| FL30B-24W | 24 | SMD3030 | 24 | DC24V | DMX512 ON/OFF | R/G/B/W ON/OFF | 18°/24°/36° | IP66/IK08 | 114 | 132 | 98 |
| FL30B-36W | 36 | SMD3535 | 18 | DC24V | DMX512 ON/OFF | R/G/B/W ON/OFF | 18°/24°/36° | IP66/IK08 | 178 | 183 | 133 |
| FL30B-48W | 48 | SMD3535 | 18 | DC24V | DMX512 ON/OFF | R/G/B/W ON/OFF | 18°/24°/36° | IP66/IK08 | 178 | 183 | 133 |
| FL30B-12W | 12 | SMD3030 | 12 | DC24V | DMX512 | RGBW | 10°/15°/25°/40°/60° | IP66/IK08 | 114 | 132 | 98 |
| FL30B-24W | 24 | SMD3030 | 24 | DC24V | DMX512 | RGBW | 10°/15°/25°/40°/60° | IP66/IK08 | 114 | 132 | 98 |
| FL30B-36W | 36 | SMD3535 | 18 | DC24V | DMX512 | RGBW | 10°/15°/25°/40°/60° | IP66/IK08 | 178 | 183 | 133 |
| FL30B-48W | 48 | SMD3535 | 18 | DC24V | DMX512 | RGBW | 10°/15°/25°/40°/60° | IP66/IK08 | 178 | 183 | 133 |



ROHS CB CE

CH₂[®]

Spot Lighting



◆ FL37A Series

Product Feature:

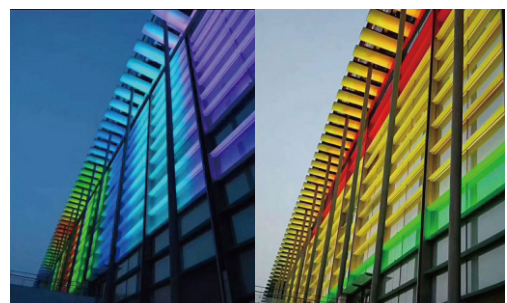
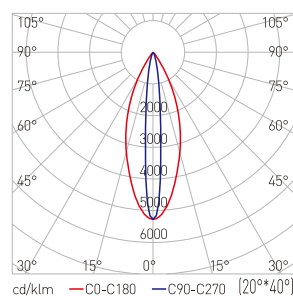
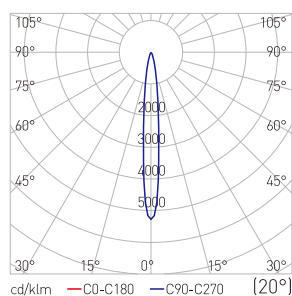
- A. Simple appearance design with small size and easy to hide;
- B. Take excellent SMD3030 chips, high brightness and stability, low light decay, and uniform light output;
- C. A variety of light colors, single or colorful optional, and beam angles can be selected;
- D. Lamp body made by 6063 aluminum alloy profile, high pressure diecast aluminum end cover, and the 500-hours salt spray corrosion resistance spraying process is durable;
- E. High-transparent tempered glass, semi-frosted glass surface, uniform light, better wall washing effect;
- F. Wall and facade installation optional, which is suitable for different applications;
- G. Metal waterproof solid joint, convenient for on-site lamp connection, seamless splicing design, no dark area.

Application:

Widely used in riverside scenery belts, museums, exhibition halls, urban leisure square bridges and other buildings to render the atmosphere and increase the visual effect.

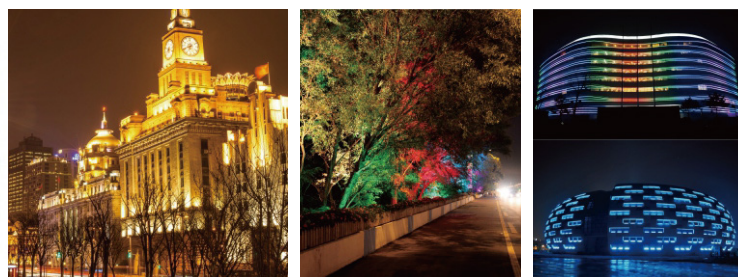
Technical Parameters:

| Model No. | Power (W) | LED TYPE | LED's (pcs) | Input volt (V) | Control | Color | Beam Angle | IP/IK | Product Size(mm) | | |
|----------------|-----------|----------|-------------|----------------|---------------|-------------|-------------|-----------|------------------|----|----|
| | | | | | | | | | L | W | H |
| FL37A-500-12W | 12 | SMD3030 | 12 | 24VDC | DMX512 ON/OFF | RGB R/G/B/W | 18°/20°×40° | IP66/IK08 | 500 | 47 | 54 |
| FL37A-500-18W | 18 | SMD3030 | 18 | 24VDC | DMX512 ON/OFF | RGB R/G/B/W | 18°/20°×40° | IP66/IK08 | 500 | 47 | 54 |
| FL37A-500-24W | 24 | SMD3030 | 24 | 24VDC | DMX512 ON/OFF | RGB R/G/B/W | 18°/20°×40° | IP66/IK08 | 500 | 47 | 54 |
| FL37A-1000-24W | 24 | SMD3030 | 24 | 24VDC | DMX512 ON/OFF | RGB R/G/B/W | 18°/20°×40° | IP66/IK08 | 1000 | 47 | 54 |
| FL37A-1000-36W | 36 | SMD3030 | 36 | 24VDC | DMX512 ON/OFF | RGB R/G/B/W | 18°/20°×40° | IP66/IK08 | 1000 | 47 | 54 |
| FL37A-1000-48W | 48 | SMD3030 | 48 | 24VDC | DMX512 ON/OFF | RGB R/G/B/W | 18°/20°×40° | IP66/IK08 | 1000 | 47 | 54 |

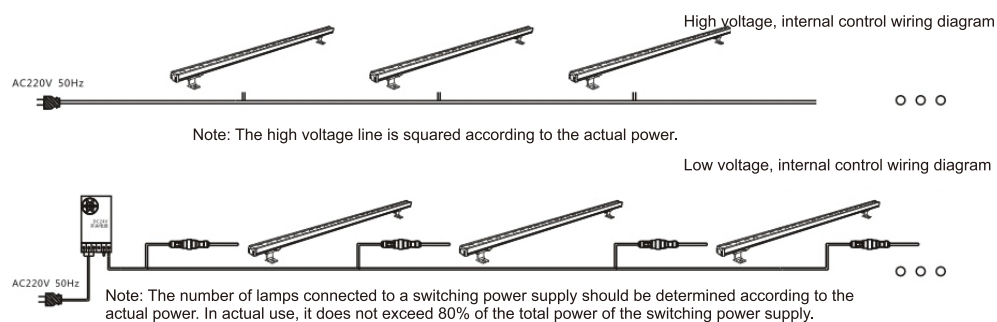


Single Color & RGB/RGBW DMX512 Control

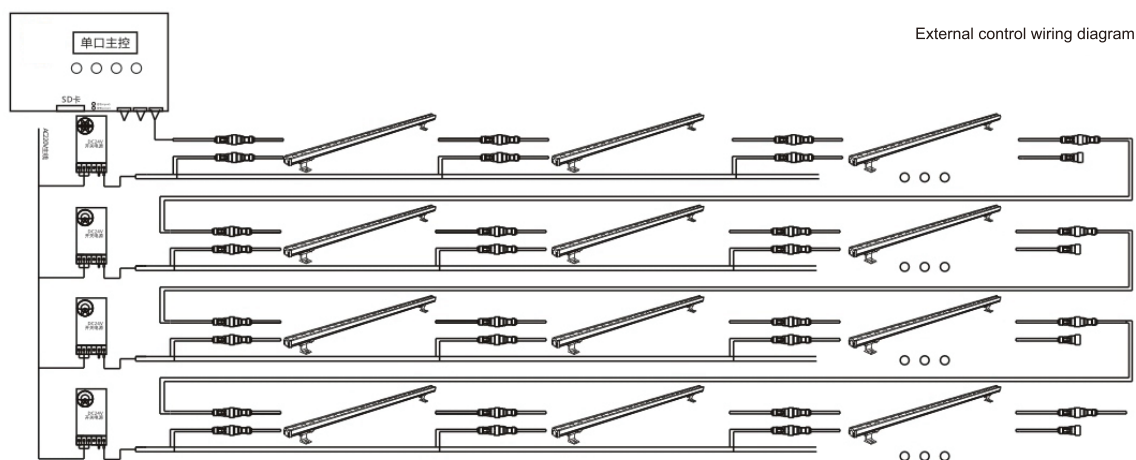
Luminous color



Drawing of the single color project



Drawing of RGB project

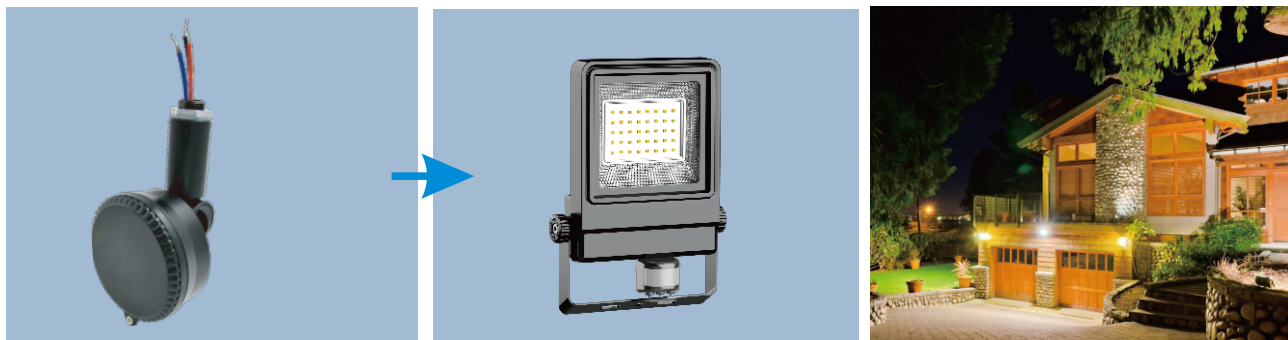


Note: The external control wall washer signal is connected in series, the power supply is connected in parallel (the wall washer has a single current), the controller is a single-port controller, each port has a maximum of 1024 pixels; the number of lamps connected to a switching power supply is based on the actual power. It should not exceed 80% of the total power of the switching power supply in actual use.

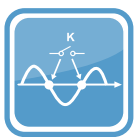
Installation Notes

1. First fix the luminaire with the screw in the place where it can be installed and fixed, and fix it firmly;
2. Lamps and lamps, lamps and power lines, signal lines should be reliably connected, and unused wire ends should be waterproofed;
3. Confirm that the entire electrical system is installed correctly and then access the corresponding power supply;
4. If there is a problem during the installation process, please consult our technical staff.

Microwave Motion Control



Max.16M



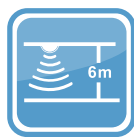
Zero-crossing
point operation



Light Sensor



Hold Time
10s~7min



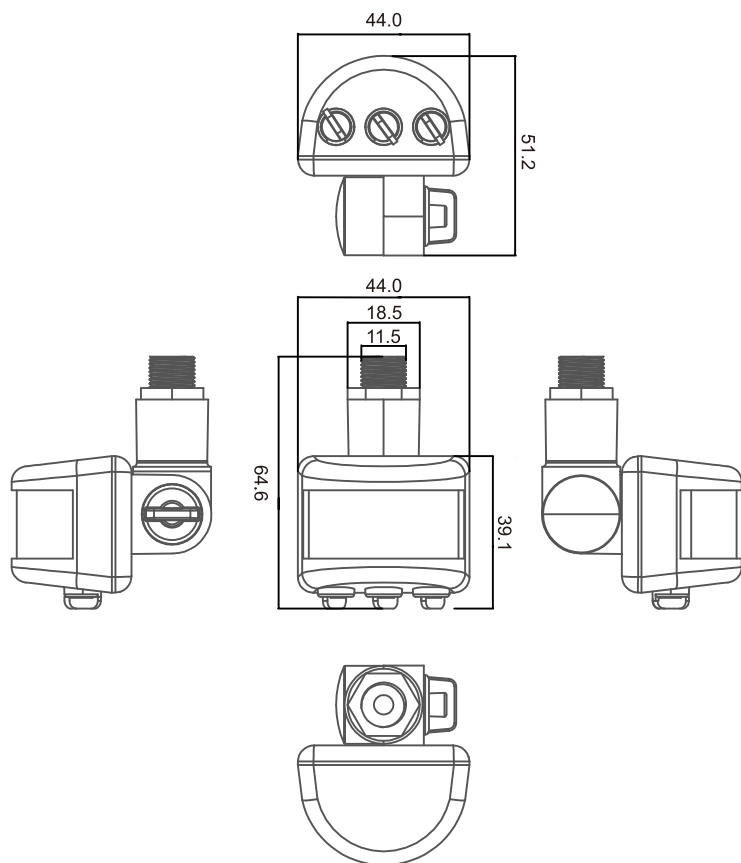
Mounting Height
2.5m Max



Automatic
On/Off



3 Years
Guarantee



Specification

| | |
|------------------------|-------------------------|
| Power Source | 200 -240V/AC |
| Detection Range | 180° |
| Power Frequency | 50/60Hz |
| Working Temperature | -20~+40 °C |
| Ambient Light | 10-2000LX (adjustable) |
| Working Humidity | <93%RH |
| Time-Delay | 10sec±3sec |
| Installation Height | 1.8m~2.5m |
| Hold time | 10s~7min |
| Power Consumption | <0.9W |
| Rated Load | 100W (max) |
| Detection Motion Speed | 0.6~1.5m/s |
| Detection Distance | 2-16m@24 °C(adjustable) |

On-off Function

MC032S is an innovative motion sensor, switch on the light on detection of movement, and switch off after a hold time when there is no motion detected. As built-in daylight sensor can read brightness value, the sensor does not switch on the light if with sufficient natural light.



With sufficient light, the lamp doesn't switch on.

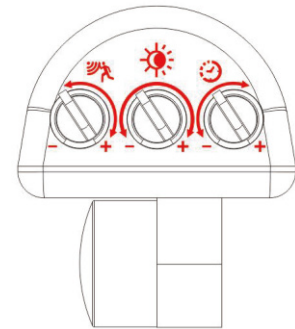
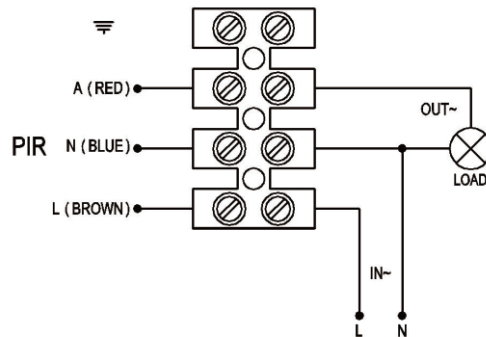
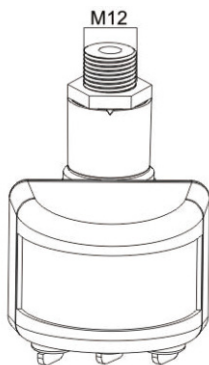


With insufficient ambient light, the sensor switches on the lamp when motion is detected.

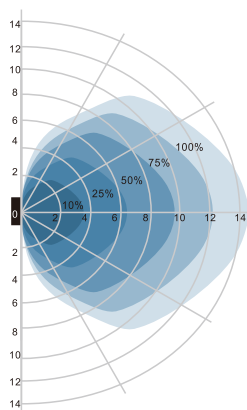


After hold time, the sensor switches off the lamp when no motion is detected.

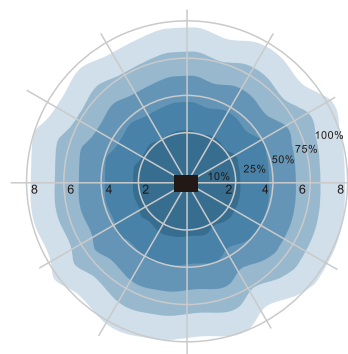
Wiring Scheme



Detection Pattern



Wall mounting pattern (Unit: m)
Suggested installation height: 1-1.8m



Ceiling mounting pattern (Unit: m)
Suggested installation height: 2.5-6m



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