

## LED Flood Light Series

### LFL1/LFL3



35~210W    Ra >70    50,000 hrs    ~115 lm/W    115°/80~95°    IP65



### FEATURES

#### IP65 Waterproof Design

- \* Suitable for outdoor use
- \* Special mechanical design to prevent water trapping
- \* Die cast aluminum housing with polyester powder coating provides excellent protection against rust

#### Adjustable Irradiation Angle

- \* Use as an uplight or downlight makes it ideal for variety of applications
- \* Simple and compact design makes it easy to be installed

#### Longer Lifetime

- \* Utilize top brand LED chips for longer life and superior output maintenance.

#### Special Optical Design

- \* Achieve uniform light distribution
- \* Tempered glass: heat resistant and impact resistant

### SPECIFICATION

#### LFL1 (Symmetrical Light Distribution)

| Model    | Power | Luminous Flux | Color Temp. | CRI  | Beam Angle | Input Voltage | Input Current | Luminous Efficiency | Lifetime   | Weight | Wattage Equivalent (Mercury Lamp) |
|----------|-------|---------------|-------------|------|------------|---------------|---------------|---------------------|------------|--------|-----------------------------------|
| LFL1035A | 35W   | 3570 lm       | 6500 K      | > 70 | 115 °      | 110 - 240V    | 0.13 - 0.55 A | 102 lm/w            | 50,000 hrs | 2.2 Kg | 125W                              |
| LFL1035B |       | 3570 lm       | 5000 K      |      |            |               |               | 102 lm/w            |            |        |                                   |
| LFL1035C |       | 3500 lm       | 4000 K      |      |            |               |               | 100 lm/w            |            |        |                                   |
| LFL1035D |       | 3185 lm       | 3000 K      |      |            |               |               | 91 lm/w             |            |        |                                   |
| LFL1046A | 46W   | 4830 lm       | 6500 K      | > 70 | 115 °      | 110 - 240V    | 0.18 - 0.65 A | 105 lm/w            | 50,000 hrs | 2.2 Kg | 150W                              |
| LFL1046B |       | 4830 lm       | 5000 K      |      |            |               |               | 105 lm/w            |            |        |                                   |
| LFL1046C |       | 4738 lm       | 4000 K      |      |            |               |               | 103 lm/w            |            |        |                                   |
| LFL1046D |       | 4370 lm       | 3000 K      |      |            |               |               | 95 lm/w             |            |        |                                   |



### Application



Yard



Street



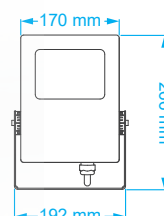
Landscape



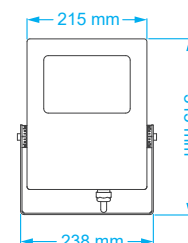
Gymnasium



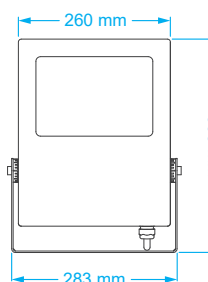
Billboard



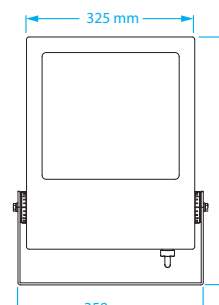
35W / 46W



75W



120W



210W

### Installation Method



Ground mount



Wall mount

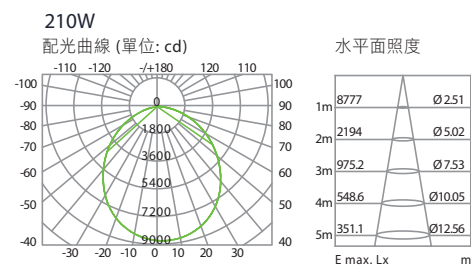
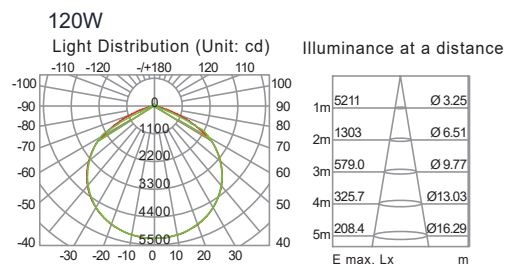
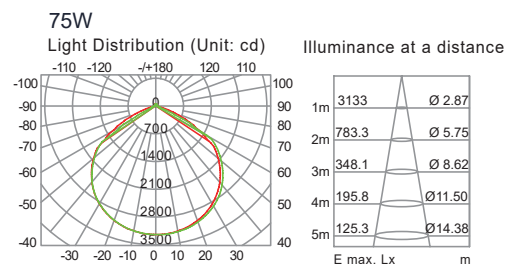
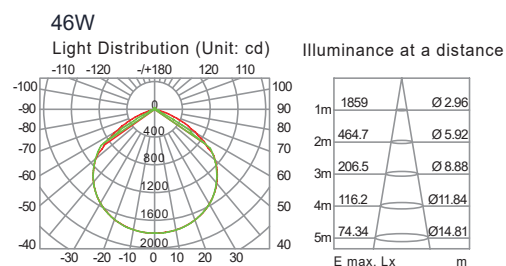
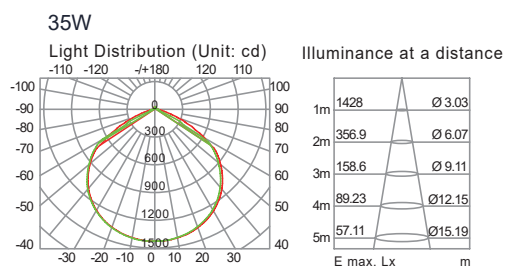


Pole mount

## LFL1 (Symmetrical Light Distribution)

| Model    | Power | Luminous Flux | Color Temp. | CRI  | Beam Angle | Input Voltage | Input Current | Luminous Efficiency | Lifetime   | Weight  | Wattage Equivalent (Mercury Lamp) |
|----------|-------|---------------|-------------|------|------------|---------------|---------------|---------------------|------------|---------|-----------------------------------|
| LFL1075A | 75W   | 8025 lm       | 6500 K      | > 70 | 115 °      | 110 - 240V    | 0.3 - 0.85 A  | 107 lm/w            | 50,000 hrs | 3.4 Kg  | 250W                              |
| LFL1075B |       | 8025 lm       | 5000 K      |      |            |               |               | 107 lm/w            |            |         |                                   |
| LFL1075C |       | 7875 lm       | 4000 K      |      |            |               |               | 105 lm/w            |            |         |                                   |
| LFL1075D |       | 7125 lm       | 3000 K      |      |            |               |               | 95 lm/w             |            |         |                                   |
| LFL1120A | 120W  | 13800 lm      | 6500 K      | > 70 | 115 °      | 110 - 240V    | 0.56 - 1.5 A  | 115 lm/w            | 50,000 hrs | 4.6 Kg  | 450W                              |
| LFL1120B |       | 13800 lm      | 5000 K      |      |            |               |               | 115 lm/w            |            |         |                                   |
| LFL1120C |       | 13200 lm      | 4000 K      |      |            |               |               | 110 lm/w            |            |         |                                   |
| LFL1120D |       | 12240 lm      | 3000 K      |      |            |               |               | 102 lm/w            |            |         |                                   |
| LFL1210A | 210W  | 23730 lm      | 6500 K      | > 70 | 115 °      | 110 - 240V    | 0.84 - 2.3 A  | 113 lm/w            | 50,000 hrs | 11.2 Kg | 785W                              |
| LFL1210B |       | 23730 lm      | 5000 K      |      |            |               |               | 113 lm/w            |            |         |                                   |
| LFL1210C |       | 23100 lm      | 4000 K      |      |            |               |               | 110 lm/w            |            |         |                                   |
| LFL1210D |       | 22050 lm      | 3000 K      |      |            |               |               | 105 lm/w            |            |         |                                   |

\* Data based on available wattages and LED solutions.



## LFL3 (Asymmetric Light Distribution)

| Model    | Power | Luminous Flux | Color Temp. | CRI  | Beam Angle | Input Voltage | Input Current | Luminous Efficiency | Lifetime   | Weight | Wattage Equivalent (Mercury Lamp) |
|----------|-------|---------------|-------------|------|------------|---------------|---------------|---------------------|------------|--------|-----------------------------------|
| LFL3035A | 35W   | 3570 lm       | 6500 K      | > 70 | 95 °       | 100 - 240V    | 0.13 - 0.55 A | 100 lm/w            | 50,000 hrs | 2.2 Kg | 125W                              |
| LFL3035B |       | 3570 lm       | 5000 K      |      |            |               |               | 100 lm/w            |            |        |                                   |
| LFL3035C |       | 3500 lm       | 4000 K      |      |            |               |               | 98 lm/w             |            |        |                                   |
| LFL3035D |       | 3185 lm       | 3000 K      |      |            |               |               | 89 lm/w             |            |        |                                   |
| LFL3046A | 46W   | 4830 lm       | 6500 K      | > 70 | 90 °       | 100 - 240V    | 0.18 - 0.65 A | 103 lm/w            | 50,000 hrs | 2.2 Kg | 150W                              |
| LFL3046B |       | 4830 lm       | 5000 K      |      |            |               |               | 103 lm/w            |            |        |                                   |
| LFL3046C |       | 4738 lm       | 4000 K      |      |            |               |               | 101 lm/w            |            |        |                                   |
| LFL3046D |       | 4370 lm       | 3000 K      |      |            |               |               | 93 lm/w             |            |        |                                   |
| LFL3075A | 75W   | 8025 lm       | 6500 K      | > 70 | 80 °       | 100 - 240V    | 0.3 - 0.85 A  | 105 lm/w            | 50,000 hrs | 3.4 Kg | 250W                              |
| LFL3075B |       | 8025 lm       | 5000 K      |      |            |               |               | 105 lm/w            |            |        |                                   |
| LFL3075C |       | 7875 lm       | 4000 K      |      |            |               |               | 103 lm/w            |            |        |                                   |
| LFL3075D |       | 7125 lm       | 3000 K      |      |            |               |               | 93 lm/w             |            |        |                                   |
| LFL3120A | 120W  | 13800 lm      | 6500 K      | > 70 | 90 °       | 100 - 240V    | 0.56 - 1.5 A  | 113 lm/w            | 50,000 hrs | 4.6 Kg | 450W                              |
| LFL3120B |       | 13800 lm      | 5000 K      |      |            |               |               | 113 lm/w            |            |        |                                   |
| LFL3120C |       | 13200 lm      | 4000 K      |      |            |               |               | 108 lm/w            |            |        |                                   |
| LFL3120D |       | 12240 lm      | 3000 K      |      |            |               |               | 100 lm/w            |            |        |                                   |

\* Data based on available wattages and LED solutions.

