



## Commercial LED Sensor Flood Lighting




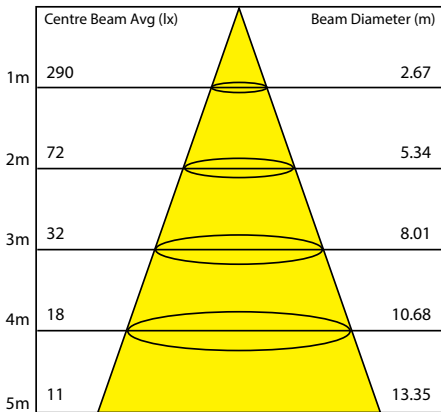
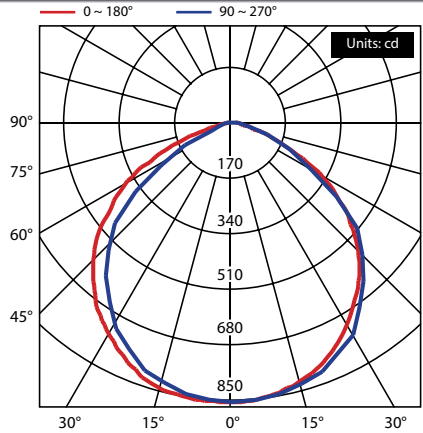
LFL-C Series: Available in 20W, 30W and 50W models, with PIR motion sensing

The LFL-C Series combines energy saving LED flood lighting with customisable motion-sensing technology. Models use high quality Lumileds LEDs and reliable LED drivers for long lasting performance. Available in three wattages, each model in this series is equipped with a 8m passive infrared sensor with lux sensitivity, motion sensitivity and on-time adjustments.

Suitable for indoor or outdoor applications, the LFL-C Series is perfect for security lighting applications in both commercial and residential applications. This range is ideal in small to medium business or in homes as a security sensor light.

- Superb light output across the range up to 140lm/W
- High quality Lumileds 2835 LEDs in 5000K cool white
- Sensor flood light models detect up to 8m in a 140° arc
- Durable metal IP66 rated weather resistant chassis
- Adjust light & motion sensitivity and light on-timer
- On/off sensor light; pan/tilt adjustable PIR sensor body
- Wide 120° beam angle, great for general purpose lighting
- Adjustable U-shape mount with over 240° of motion

## Series Specifications

| Model                     | LFL-C20-CS3   | LFL-C30-CS3   | LFL-C50-CS3   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
|---------------------------|---|---|---|----------------------|-------------------|----|-----|------|----|----|------|----|----|------|----|----|-------|----|----|-------|--|
| Product Image             |    |  |  |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Series Name               | LFL-C-3 Series Commercial LED Sensor Flood Lights   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| <b>Optical</b>            |   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Luminous Flux             | 2800lm  | 4200lm  | 7000lm  |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Luminous Efficacy         | 140lm/W   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Colour Temperature        | 5000K   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Colour Rendering Index    | >80   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Beam Angle                | 120°  |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Light Decay               | <5% at 6,000 hours  |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Rated Lifespan            | 50,000 hours  |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| <b>Electrical</b>         |   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Power Consumption         | 20W   | 30W   | 50W   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Input Voltage             | 100 ~ 240VAC  |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Power Factor              | > 0.9   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Dimmable                  | N/A   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| <b>General</b>            |   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Motion Sensor             | Passive Infrared (PIR) motion sensor, 140° arc up to 8m range, pan & tilt sensor (±75°)   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Sensor Calibration        | Adjustable ambient light sensor, motion sensitivity and on-time delay (5s ~ 5min)   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Ingress Protection        | IP66  |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Plug / Socket / Base      | Unterminated  |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Reflector / Diffuser      | Internal aluminium reflector / Tempered glass front   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Housing Adjustments       | 240° adjustable 2-point fastened U-bracket  |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Operating Environment     | -20° ~ 50°C   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Dimensions (WxHxD)        | 212 x 182 x 124mm   | 212 x 182 x 124mm   | 284 x 236 x 132mm   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| <b>Photometry</b>         |   |   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| Illuminance at a Distance |  <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr> <td>1m</td> <td>290</td> <td>2.67</td> </tr> <tr> <td>2m</td> <td>72</td> <td>5.34</td> </tr> <tr> <td>3m</td> <td>32</td> <td>8.01</td> </tr> <tr> <td>4m</td> <td>18</td> <td>10.68</td> </tr> <tr> <td>5m</td> <td>11</td> <td>13.35</td> </tr> </tbody> </table> |   | Distance (m)  | Centre Beam Avg (lx) | Beam Diameter (m) | 1m | 290 | 2.67 | 2m | 72 | 5.34 | 3m | 32 | 8.01 | 4m | 18 | 10.68 | 5m | 11 | 13.35 |  <p>Units: cd</p> |
|                           | Distance (m)  | Centre Beam Avg (lx)  | Beam Diameter (m)   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| 1m                        | 290   | 2.67  |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| 2m                        | 72  | 5.34  |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| 3m                        | 32  | 8.01  |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| 4m                        | 18  | 10.68   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
| 5m                        | 11  | 13.35   |   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |
|                           | LFL-C20-CS3 (20W)   |   | LFL-C20-CS3 (20W)   |                      |                   |    |     |      |    |    |      |    |    |      |    |    |       |    |    |       |  |

## Ordering Information

| Type | Series | Wattage                          | Colour Temperature | Sensor         | Version |   |
|------|--------|----------------------------------|--------------------|----------------|---------|---|
| LFL  | -      | 20 (20W)<br>30 (30W)<br>50 (50W) | -                  | C (Cool white) | S       | 3 |

Example: LFL-C30-CS3 - 30W LED Sensor Flood Light in Cool White

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