



## LED Sensor Flood Lighting




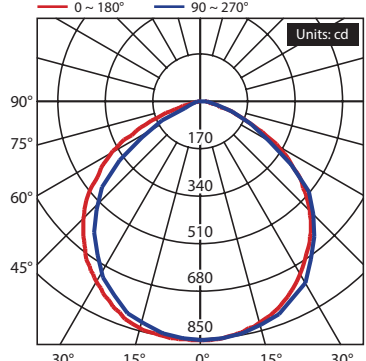
LFL-C2 Series: Passive infrared motion sensor LED flood lights in 20W, 30W & 50W models

The LFL-C2 Series combines efficient LED flood lighting with customisable motion-sensing technology to compound your energy savings. Available in 20W, 30W & 50W with adjustable ambient light sensitivity, on-time delay and passive infrared (PIR) motion detection to deliver energy efficient lighting and ideal for security and general purpose lighting.

The LFL-C2 Series is built with a metal, IP65 rated weather resistant chassis, making them suitable for outdoor lighting in residential, commercial and industrial applications.

- Available in 5000K cool white with 120lm/W light output
- Effective light distribution with 120° beam angle
- Adjustable PIR detection up to 12m with a 140° arc.
- Adjustable on-time delay (5s ~ 5min)
- Adjustable U-shape mount with over 180° of motion
- Adjustable PIR bracket (180° panning with 90°~-90° tilt)

## Series Specifications

Model	LFL-C20-CS2-5	LFL-C30-CS2-5	LFL-C50-CS2-5												
Product Image															
Series Name	LFL-C2 Series LED Sensor Flood Lights														
<b>Optical</b>															
Light Output	2400lm	3600lm	6000lm												
Luminous Efficacy	120lm/W														
Colour Temperature	5000K														
Colour Rendering Index	>80														
Beam Angle	120°														
Light Decay	<30% at 35,000 hours														
Rated Lifespan	35,000 hours														
<b>Electrical</b>															
Power Consumption	20W	30W	50W												
Input Voltage	100 ~ 240VAC														
Power Factor	> 0.95														
Dimmable	N/A														
<b>General</b>															
Ambient Sensor	2~2000lx (adjustable)														
Motion Sensor	PIR: 140° arc up to 12m range (horizontally), Ø6m range (ceiling)														
Sensor Calibration	Adjustable motion sensitivity and on-time delay (5s ~ 5min) - <i>Sensor mode cannot be disabled</i>														
Ingress Protection	IP65														
Plug / Socket / Base	Bare wire, unterminated														
Reflector / Diffuser	Aluminium reflector / Tempered glass front														
Housing Adjustments	+180° angle adjustable U-shape bracket / Fully adjustable PIR sensor stalk Adjustable PIR sensor bracket (180° panning, 90°~90° tilt)														
Operating Environment	-20° ~ 50°C														
Dimensions	204 x 206 x 38mm	253 x 236 x 40mm	312 x 279 x 46mm												
<b>Photometry</b>															
Illuminance at a Distance	<table border="1"> <thead> <tr> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr> <td>290</td> <td>2.67</td> </tr> <tr> <td>72</td> <td>5.34</td> </tr> <tr> <td>32</td> <td>8.01</td> </tr> <tr> <td>18</td> <td>10.68</td> </tr> <tr> <td>11</td> <td>13.35</td> </tr> </tbody> </table> <p>LFL-C20-CS2-5 (20W)</p>	Centre Beam Avg (lx)	Beam Diameter (m)	290	2.67	72	5.34	32	8.01	18	10.68	11	13.35	Luminous Light Distribution	 <p>Units: cd</p>
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## Ordering Information

Type	Series	Wattage	Colour Temperature	Sensor	Series		
LFL	-	C2	20 (20W) 30 (30W) 50 (50W)	-	C (Cool white)	S (PIR Sensor)	2 (Series 2)
LFL-C20-CS2-5: 20W LED Sensor Flood Light in Cool White							

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