



LED Sensor Flood Lighting




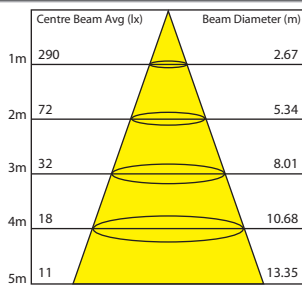
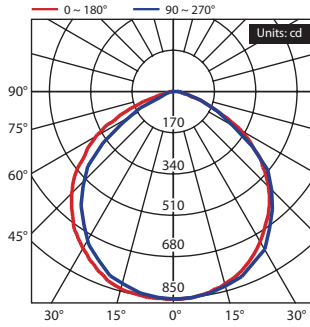
LFL-C2 Series: 20W, 30W & 50W passive infrared motion sensor LED flood light

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 6000K 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	LFL-C30 -CS2	LFL-C50 -CS2																		
Product Image																					
Series Name	LFL-C2 Series LED Sensor Flood Lights																				
Optical																					
Light Output	2400lm	3600lm	6000lm																		
Luminous Efficacy	120lm/W																				
Colour Temperature	6000K																				
Colour Rendering Index	>80																				
Beam Angle	120°																				
Light Decay	<30% at 35,000 hours																				
Rated Lifespan	35,000 hours																				
Electrical																					
Power Consumption	20W	30W	50W																		
Input Voltage	100 ~ 240VAC																				
Power Factor	> 0.95																				
Dimmable	N/A																				
General																					
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																		
Photometry																					
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> <p>LFL-C20-CS2 (20W)</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
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Luminous Light Distribution	 <p>LFL-C20-CS2 (20W)</p>																				

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: 20W LED Sensor Flood Light in Cool White							