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## LED Sensor Flood Lighting




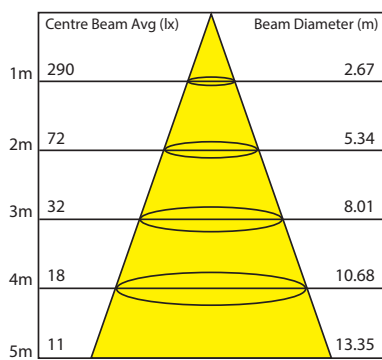
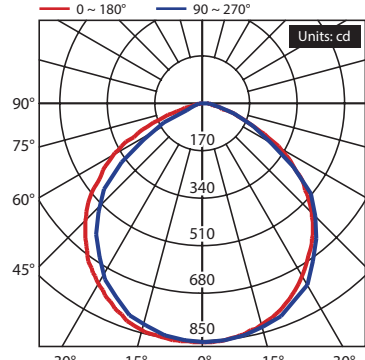
LFL-C2 Series: Passive infrared motion sensor LED flood lights in 20W, 30W & 50W models

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			
Optical				
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			
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			Luminous Light Distribution	
	LFL-C20-CS2-5 (20W)			

## 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								

Your local ENSA™ lighting solutions professional:

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