Residential Floodlights

Residential floodlights
Functional and security lighting

The Collingwood residential floodlights have been upgraded to be the most efficient in the market, have an extended warranty of up to 5 years, IP65 PIR sensor and approval for installation in coastal areas.

IP65 directional PIR sensor

PIR sensor: Passive infrared sensor

The IP65 rating provides optimum protection against the impacts of rainwater and general adverse weather conditions. The PIR sensor can rotate, meaning that the activation can occur in a different area to where the floodlight illuminates. For example, the sensor could be pointed to a door so that when a person exits the building a separate walkway is illuminated, increasing safety.

Advantages

- IP65 rated sensor ideal for adverse weather conditions.
- Sensor rotates allowing the activation to occur in a different area to the illumination.
- Easily adjust motion sensitivity, lux levels and time required on the sensor.
- Save your customer energy and money.

Coastal protection

Rust & salt mist protection

With corrosion resistant protection and coastal protective paint, our floodlights are perfect for use in coastal areas.

Advantages

- Feel confident you can install these floodlights anywhere.
- Can be installed into coastal areas without any worry of products failing.

Quick & easy installation bracket

Circular first fix bracket

The circular bracket is detachable and can be mounted to the surface before the rest of the product, allowing for a remarkably easy installation. The product is then simply bolted on to the bracket and the installation completed.

Advantages

- Quick & easy installation.
- This bracket is for first fixing onto the wall, and because it's circular, there is no need for spirit level.
- 360° rotation, allowing the floodlight to be installed in a variety of applications.
- Pre-wired with 1m cable.

360° rotatable and 180° tiltable

Flexibility and reliability

Combining 360° rotation and 180° tilt, this light can be pointed in any direction, ensuring you can illuminate a space from any position.
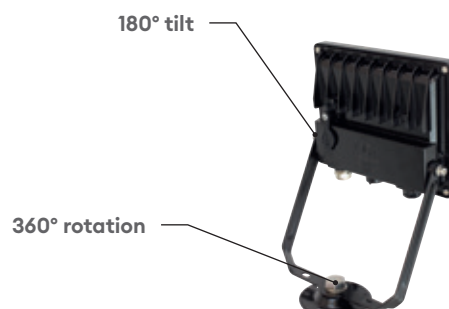
360° rotation

The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.

180° tiltable

The bracket directly attached to the floodlight allows the product to tilt both upwards and downwards.

Advantages

- Illuminate space from any direction.
- Can adjust into correct area after it's installed.

180° tilt

360° rotation

CCT switchable

One light, three colour temperatures

Our range of colour switchable floodlights allows you to stock 3 colour temperatures in 1 product (3000K, 4000K & 6500K).

Advantages

- Simpler product range.
- Products can be easily adjusted after they are installed thanks to a convenient IP65 switch on the back.
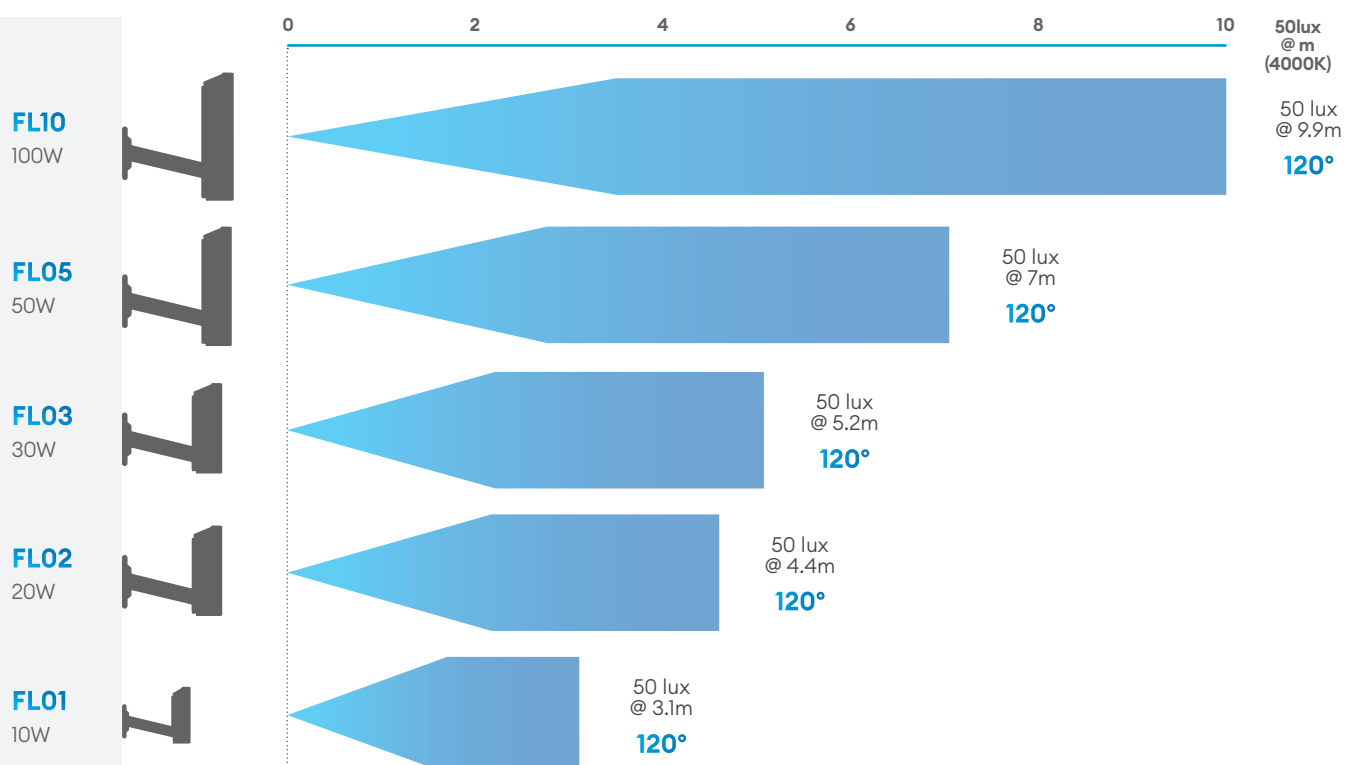- Always have the correct product on hand.

3000K

4000K

6500K

Product comparison

Using the diagram below, determine which size product and output is suitable for your installation.

| | 0 | 2 | 4 | 6 | 8 | 10 | 50lux @ m (4000K) |

FL10
100W
50 lux @ 9.9m
120°

FL05
50W
50 lux @ 7m
120°

FL03
30W
50 lux @ 5.2m
120°

FL02
20W
50 lux @ 4.4m
120°

FL01
10W
50 lux @ 3.1m
120°

130lm/W High efficacy of up to 130lm/W

First fix bracket for quick & easy installation

Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

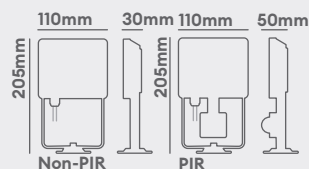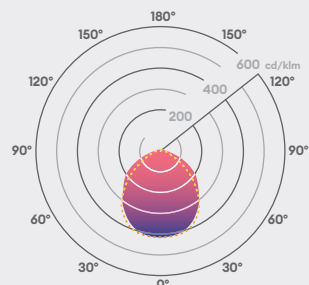A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

IP65 PIR option provides override function to leave permanently on or off

Beam angle: C0/C180 C90/C270

110mm 30mm 110mm 50mm
205mm 205mm
Non-PIR **PIR**

FL01

10W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tiltable	180°
Rotatable	360°
UGR	14
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Colour rendering Index	CRI>80
Colour consistency	SDCM5

Installation information

Inrush current	10A 262µs
Construction material	Anthracite painted cast aluminium
Suitable for coastal areas	Yes
Weight	480g
Maximum ambient temperature	-40°C - 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	∠°	lm	lm/W	Energy
FL01APCS	PIR sensor	Anthracite grey RAL7016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	E
				6500K	120°	1300	130	
FL01AXCS	Standard	Anthracite grey RAL7016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	E
				6500K	120°	1300	130	
FL01BPCS	PIR sensor	Black	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	E
				6500K	120°	1300	130	
FL01BXCS	Standard	Black	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	E
				6500K	120°	1300	130	
FL01WPCS	PIR sensor	White RAL9016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	E
				6500K	120°	1300	130	
FL01WXCS	Standard	White RAL9016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	E
				6500K	120°	1300	130	

Energy rating is a reflection of the LED light source.

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm² Ø7mm
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)

FL02

20W colour switchable floodlight

120lm/W High efficacy of up to 120lm/W

First fix bracket for quick & easy installation

Ideal for coastal areas

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tiltable	180°
Rotatable	360°
UGR	14
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Colour rendering Index	CRI>80
Colour consistency	SDCM5

Installation information

Inrush current	11A 474µs
Construction material	Anthracite painted cast alumium
Suitable for coastal areas	Yes
Weight	620g
Maximum ambient temperature	-40°C - 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt
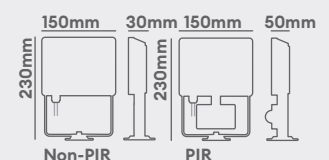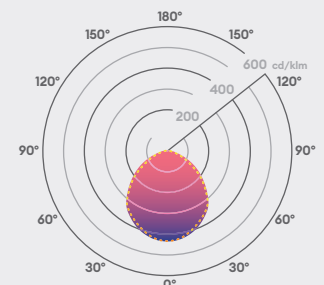
Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

IP65 PIR option provides override function to leave permanently on or off

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	⟋°	lm	lm/W	Energy
FL02APCS	PIR sensor	Anthracite grey RAL7016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	E
				6500K	120°	2400	120	
FL02AXCS	Standard	Anthracite grey RAL7016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	E
				6500K	120°	2400	120	
FL02BPCS	PIR sensor	Black	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	E
				6500K	120°	2400	120	
FL02BXCS	Standard	Black	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	E
				6500K	120°	2400	120	
FL02WPCS	PIR sensor	White RAL9016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	E
				6500K	120°	2400	120	
FL02WXCS	Standard	White RAL9016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	E
				6500K	120°	2400	120	

Energy rating is a reflection of the LED light source.

Beam angle: C0/C180 C90/C270

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm² Ø7mm
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)

150mm 30mm 150mm 50mm
230mm 230mm

Non-PIR   PIR

130lm/W High efficacy of up to 130lm/W

First fix bracket for quick & easy installation

Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

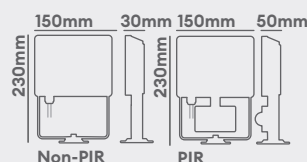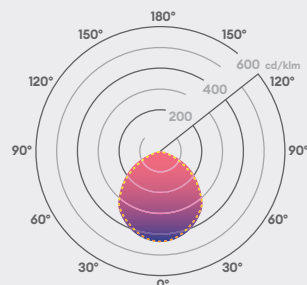A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

IP65 PIR option provides override function to leave permanently on or off

Beam angle: C0/C180 C90/C270

Beam angle polar diagram

150mm 30mm 150mm 50mm / 230mm 230mm — Non-PIR / PIR

FL03

30W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tiltable	180°
Rotatable	360°
UGR	14
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Colour rendering Index	CRI>80
Colour consistency	SDCM5

Installation information

Inrush current	30A 4µs
Construction material	Anthracite painted aluminium
Suitable for coastal areas	Yes
Weight	630g
Maximum ambient temperature	-40°C - 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	◁°	lm	lm/W	Energy
FL03APCS	PIR sensor	Anthracite grey RAL7016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	E
				6500K	120°	3900	130	
FL03AXCS	Standard	Anthracite grey RAL7016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	E
				6500K	120°	3900	130	
FL03BPCS	PIR sensor	Black	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	E
				6500K	120°	3900	130	
FL03BXCS	Standard	Black	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	E
				6500K	120°	3900	130	
FL03WPCS	PIR sensor	White RAL9016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	E
				6500K	120°	3900	130	
FL03WXCS	Standard	White RAL9016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	E
				6500K	120°	3900	130	

Energy rating is a reflection of the LED light source.

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm² Ø7mm
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)

FL05

50W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tiltable	180°
Rotatable	360°
UGR	14
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Colour rendering Index	CRI>80
Colour consistency	SDCM4

Installation information

Inrush current	28A 13µs
Construction material	Anthracite painted cast aluminium
Suitable for coastal areas	Yes
Weight	1250g
Maximum ambient temperature	-40°C - 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

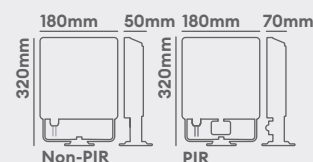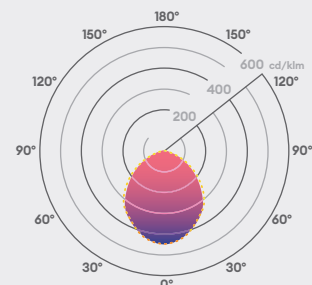A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

IP65 PIR option provides override function to leave permanently on or off

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	∠°	lm	lm/W	Energy
FL05APCS	PIR sensor	Anthracite grey RAL7016	50W	3000K	120°	5000	100	E
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05AXCS	Standard	Anthracite grey RAL7016	50W	3000K	120°	5000	100	E
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05BPCS	PIR sensor	Black	50W	3000K	120°	5000	100	E
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05BXCS	Standard	Black	50W	3000K	120°	5000	100	E
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05WPCS	PIR sensor	White RAL9016	50W	3000K	120°	5000	100	E
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05WXCS	Standard	White RAL9016	50W	3000K	120°	5000	100	E
				4000K	120°	5600	112	
				6500K	120°	5100	102	

Energy rating is a reflection of the LED light source.

Beam angle: C0/C180 C90/C270

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm² Ø7mm
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)

180mm 50mm 180mm 70mm

320mm 320mm

Non-PIR PIR

118lm/W High efficacy of up to 118lm/W

First fix bracket for quick & easy installation

Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions
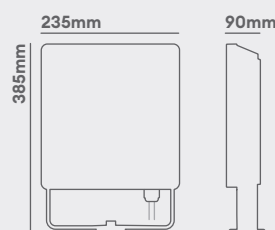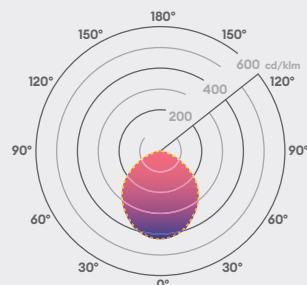
A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

Beam angle: C0/C180 C90/C270

235mm 90mm

385mm

FL10

100W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tiltable	180°
Rotatable	360°
UGR	14
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Colour rendering Index	CRI>80
Colour consistency	SDCM4

Installation information

Inrush current	75A 5µs
Construction material	Black painted cast aluminium
Suitable for coastal areas	Yes
Weight	2100g
Maximum ambient temperature	-40°C - 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.3mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	⌀°	lm	lm/W	Energy
				3000K	120°	10250	103	
FL10BXCS	Standard	Black	100W	4000K	120°	11810	118	E
				6500K	120°	10970	110	

Energy rating is a reflection of the LED light source.

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm² Ø7mm
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)