Residential floodlights.

Popular for illuminating environments with bright washes of light, floodlights are becoming an indispensable element of security in today's society. Our 10W and 20W floodlights offer a crisp, flicker-free light to compliment any CCTV recordings and ensuring a perfect image when played back, providing reassurance and peace of mind.

Not only this, the circular bracket provides full 360° orientation of the light - even after installation - allowing for incredible illumination for every requirement.

Should the installation requirements change in the future, the 360° control means the process is as simple as rotating the product in the desired direction. Colour switchable technology is also present with a convenient IP65 rated toggle switch, located on the back of the product. This can also be used after installation to aid you in choosing the right colour temperature for the environment.

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.
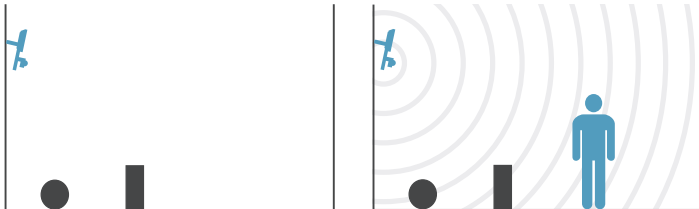
IP65 directional PIR sensor

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.

With the three adjustable toggles beneath the PIR sensor, customise settings such as motion sensitivity, lux levels and time required. Each option has a symbol clearly marked, from increasing to decreasing setting of each function. There is a manual override function which disables the PIR sensor when required.
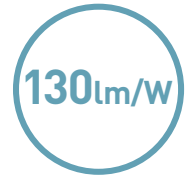
How does it work

PIR sensors detect changes in heat within the surrounding space. When a new object enters the area the infrared energy levels change rapidly, this trips the sensor and turns on the light.

High efficacy

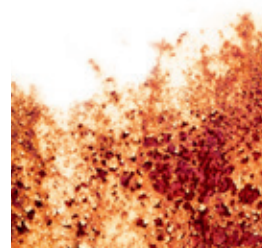Up to 130lm/W, we're proud to offer our floodlights as the most energy efficient we've ever produced.

A cost saving over time and beneficial with regards to environmental welfare.

130lm/W

Coastal areas

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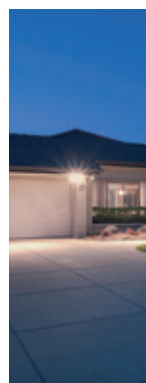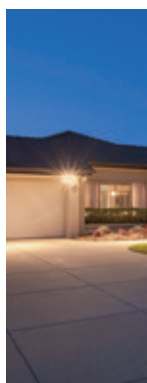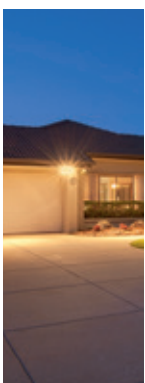
Rust protection

Salt mist protection

Colour switchable

We've designed this light with three colour temperatures which can be changed using an IP65 switch on the back.

3000K   **4000K**   **6500K**
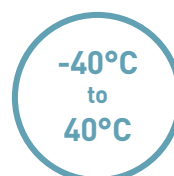
Warranty

Standard

5-year extended warranty available.

With PIR

3-year extended warranty available.

Temperature range

Capable of performing in the extremist of conditions.

-40°C to 40°C

Flicker-free

The two benefits of a flicker-free light are:

Visual comfort

Flickering lights can create uncomfortable environments and health problems such as migraines, so flicker-free alternatives make for a more comfortable setting.

Security

Flickering floodlights disrupt the quality of CCTV images. However, using flicker-free alongside cameras will ensure a perfect, crisp image.

Adjustable bracket

With an adjustable bracket, our product can be positioned in any direction.

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.
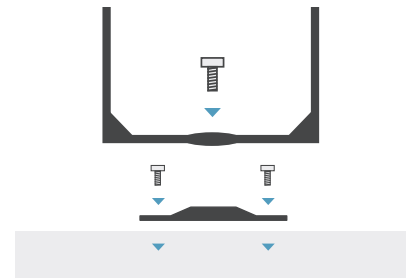
360° rotation

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.
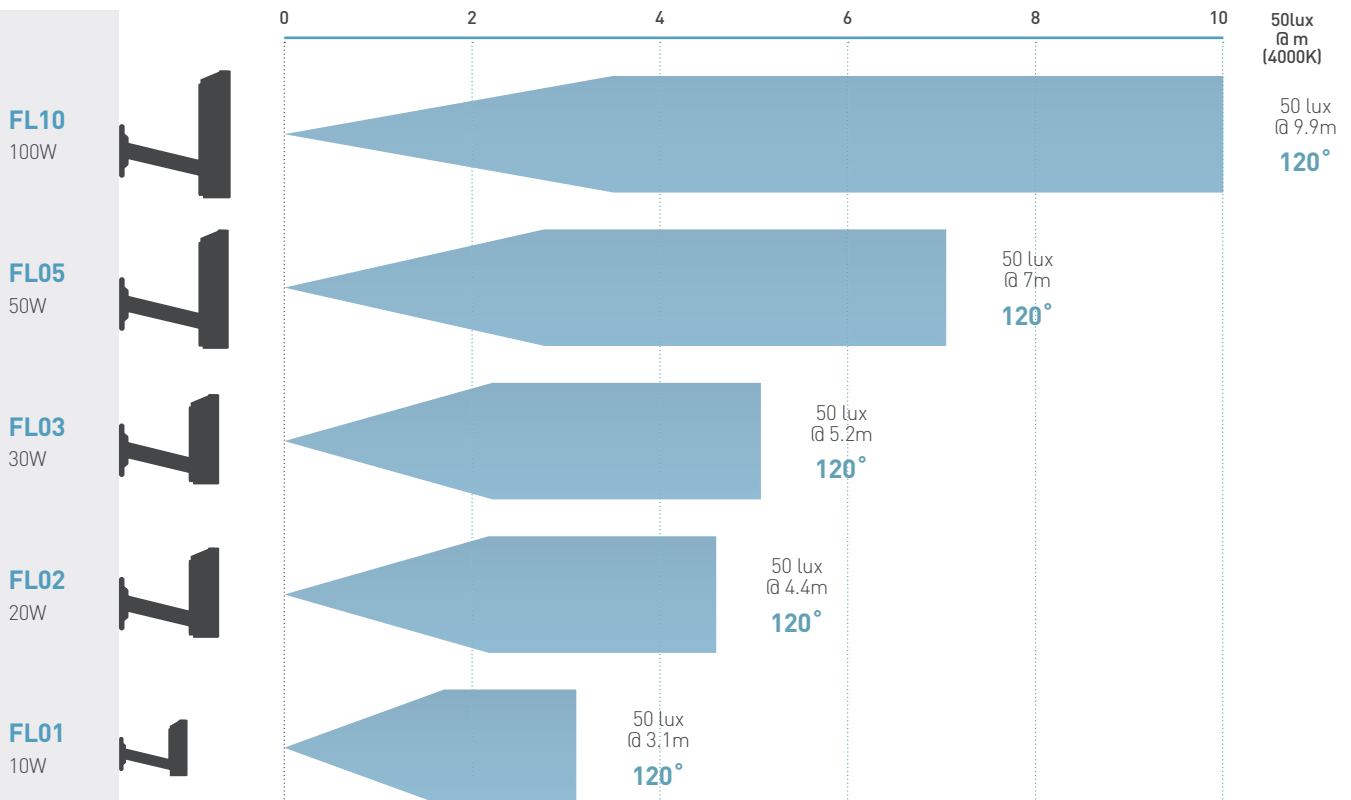
Easy installation

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 attached onto the bracket with screws and installation is completed.

Product comparison

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

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°

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GUARANTEE / WARRANTY

5 year extended warranty. 3 year on PIR.

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

High efficacy of up to 130lm/W, being the most energy efficient and providing cost savings over time

First mount, detachable circular bracket for speed of install

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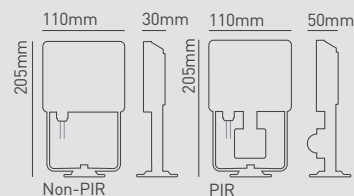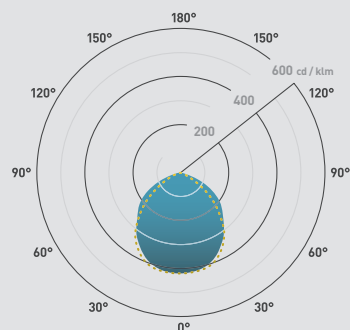
Supplied with 1m cable

Approved for coastal areas with a salt mist protective paint and has marine grade 316 stainless steel fixings

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: 120°

FL01

10W colour switchable floodlight

FEATURES

IP rating	IP65
IK rating	IK07
Colour flexibility	Colour switchable
Tiltable	180°
Rotation angle	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000 hours L70 B50
CRI	>80Ra
SDCM	5SDCM
Flicker free	Yes

INSTALLATION INFORMATION

Suitable for coastal areas	Yes
Inrush current	10A 262µs
Construction material	Black painted cast aluminium
Weight	Non PIR: 440g PIR: 480g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1

PHOTOMETRICS @ 25°C

Product code	Finish	Sensor	Wattage	Colour	Beam angle	lm	lm/W	lx at 1m
FL01BXCS	Black	Non PIR sensor	10W	6500K	120°	1300	130	463
				4000K	120°	1150	115	484
				3000K	120°	1100	110	421
FL01BPCS	Black	PIR sensor	10W	6500K	120°	1300	130	463
				4000K	120°	1150	115	484
				3000K	120°	1100	110	421

WIRING INFORMATION

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

ACCESSORIES

No accessories required

Non-PIR

PIR

FL02

20W colour switchable floodlight

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GUARANTEE / WARRANTY

5 year extended warranty. 3 year on PIR.

FEATURES

IP rating	IP65
IK rating	IK07
Colour flexibility	Colour switchable
Tiltable	180°
Rotation angle	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000 hours L70 B50
CRI	>80Ra
SDCM	5SDCM
Flicker free	Yes

INSTALLATION INFORMATION

Suitable for coastal areas	Yes
Inrush current	11A 474µs
Construction material	Black painted cast aluminium
Weight	Non PIR: 580g PIR: 620g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1

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

High efficacy of up to 120lm/W, being the most energy efficient and providing cost savings over time

First mount, detachable circular bracket for speed of install

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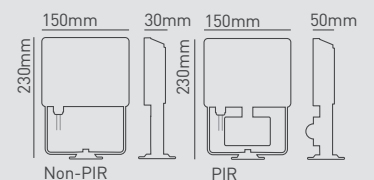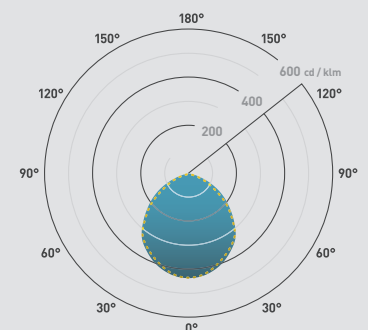
Supplied with 1m cable

Approved for coastal areas with a salt mist protective paint and has marine grade 316 stainless steel fixings

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

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

PHOTOMETRICS @ 25°C

Product code	Finish	Sensor	Wattage	Colour	Beam angle	lm	lm/W	lx at 1m
FL02BXCS	Black	Non PIR sensor	20W	6500K	120°	2400	120	943
				4000K	120°	2400	120	986
				3000K	120°	2200	110	858
FL02BPCS	Black	PIR sensor	20W	6500K	120°	2400	120	943
				4000K	120°	2400	120	986
				3000K	120°	2200	110	858

WIRING INFORMATION

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

ACCESSORIES

No accessories required

Beam angle: 120°

Non-PIR   PIR

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GUARANTEE / WARRANTY

5 year extended warranty. 3 year on PIR.

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

High efficacy of up to 130lm/W, being the most energy efficient and providing cost savings over time

First mount, detachable circular bracket for speed of install

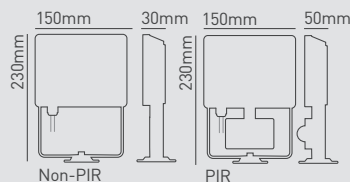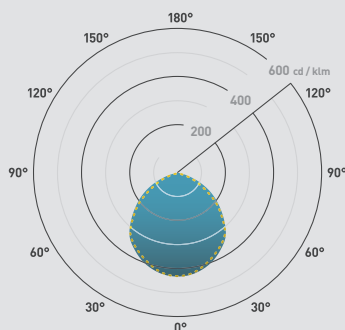A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Approved for coastal areas with a salt mist protective paint and has marine grade 316 stainless steel fixings

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: 120°

FL03

30W colour switchable floodlight

FEATURES

IP rating	IP65
IK rating	IK07
Colour flexibility	Colour switchable
Tiltable	180°
Rotation angle	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000 hours L70 B50
CRI	>80Ra
SDCM	5SDCM
Flicker free	Yes

INSTALLATION INFORMATION

Suitable for coastal areas	Yes
Inrush current	30A 4µs
Construction material	Black painted cast aluminium
Weight	Non PIR: 590g PIR: 630g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1

PHOTOMETRICS @ 25°C

Product code	Finish	Sensor	Wattage	Colour	Beam angle	lm	lm/W	lx at 1m
FL03BXCS	Black	Non PIR sensor	30W	6500K	120°	3900	130	1280
				4000K	120°	3300	110	1366
				3000K	120°	3000	100	1195
FL03BPCS	Black	PIR sensor	30W	6500K	120°	3900	130	1280
				4000K	120°	3300	110	1366
				3000K	120°	3000	100	1195

WIRING INFORMATION

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

ACCESSORIES

No accessories required

Non-PIR

PIR

FL05

50W colour switchable floodlight

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GUARANTEE / WARRANTY

5 year extended warranty. 3 year on PIR.

FEATURES

IP rating	IP65
IK rating	IK07
Colour flexibility	Colour switchable
Tiltable	180°
Rotation angle	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000 hours L70 B50
CRI	>80Ra
SDCM	4SDCM
Flicker free	Yes

INSTALLATION INFORMATION

Suitable for coastal areas	Yes
Inrush current	28A 13µs
Construction material	Black painted cast aluminium
Weight	Non PIR: 1220g PIR: 1250g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1

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

High efficacy of up to 130lm/W, being the most energy efficient and providing cost savings over time

First mount, detachable circular bracket for speed of install

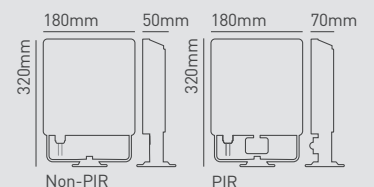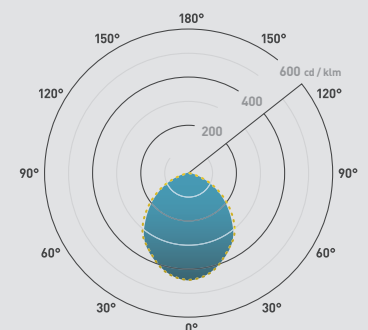A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Approved for coastal areas with a salt mist protective paint and has marine grade 316 stainless steel fixings

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

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

PHOTOMETRICS @ 25°C

Product code	Finish	Sensor	Wattage	Colour	Beam angle	lm	lm/W	lx at 1m
FL05BXCS	Black	Non PIR sensor	50W	6500K	120°	5100	102	2230
				4000K	120°	5600	112	2449
				3000K	120°	5000	100	2230
FL05BPCS	Black	PIR sensor	50W	6500K	120°	5100	102	2230
				4000K	120°	5600	112	2449
				3000K	120°	5000	100	2230

WIRING INFORMATION

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

ACCESSORIES

No accessories required

Beam angle: 120°

Non-PIR: 180mm, 50mm, 320mm
PIR: 180mm, 70mm, 320mm

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GUARANTEE / WARRANTY

5 year extended warranty.

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

High efficacy of up to 130lm/W, being the most energy efficient and providing cost savings over time

First mount, detachable circular bracket for speed of install

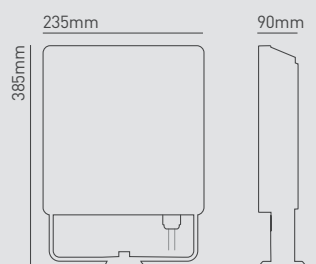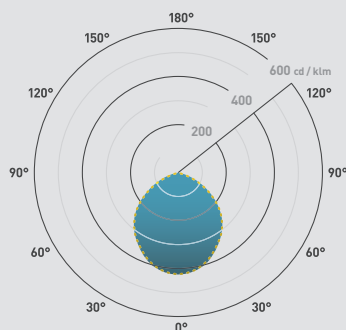A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Approved for coastal areas with a salt mist protective paint and has marine grade 316 stainless steel fixings

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: 120°

600 cd / klm

235mm
90mm
385mm

FL10

100W colour switchable floodlight

FEATURES

IP rating	IP65
IK rating	IK07
Colour flexibility	Colour switchable
Tiltable	180°
Rotation angle	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000 hours L70 B50
CRI	>80Ra
SDCM	4SDCM
Flicker free	Yes

INSTALLATION INFORMATION

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

PHOTOMETRICS @ 25°C

Product code	Finish	Sensor	Wattage	Colour	Beam angle	lm	lm/W	lx at 1m
				6500K	120°	10970	110	4575
FL10BXCS	Black	Non PIR sensor	100W	4000K	120°	11810	118	4926
				3000K	120°	10250	103	4275

WIRING INFORMATION

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

ACCESSORIES

No accessories required

FL200

Dimmable linear LED floodlight

GUARANTEE / WARRANTY

7 year extended warranty

FEATURES & BENEFITS

Neat and compact, straight to the mains linear floodlight

Complete with wall fixings

Mains waterproof connector included

Max. 3 on 500W mains dimmer
Max. 5 on 1000W mains dimmer

Compatible with many leading lighting control systems

FEATURES

IP rating	IP65
IK rating	N/A
Colour flexibility	Fixed colour
Tiltable	180°
Rotation angle	360°
UGR	N/A
Dimmable	Yes
Input	Mains AC
LED lifetime	70,000h L70 B10
CRI	>80Ra
SDCM	3SDCM
Flicker free	Yes

INSTALLATION INFORMATION

Suitable for coastal areas	Yes
Inrush current	15A 0.5ms
Construction material	Anodised aluminium (body) stainless steel 316 (bracket)
Weight	1300g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	1

PHOTOMETRICS @ 25°C

Product code	Wattage	Colour	Beam angle	lm	lm/W	lx at 1m
FL200FNW	21W	4000K	50°	1830	87	4366
FL200FWW	21W	3000K	50°	1690	80	4032

WIRING INFORMATION

Cable / flying lead	N/A (IP65 waterproof connector)
Type of wiring required	Parallel

ACCESSORIES

Dimming options	Call us on 01604 495151 for more information

Beam angle: **50°**