

LED FLOODLIGHTS

(Direct wire-in connections)



ACCESSORIES :



SPIKE: Inground Spike



Barn3050: Barn Doors for 30W/50W

- Discreet Direct Wire-In connectivity for longer cables
- Compact Solid design
- Highly Resilient Dicast Aluminium Finish
- Even Light distribution
- Commercial long lasting components , suitable long hourly daily use
- Various Light colours output
- Black or White Body Finish
- Power: 10W – 50W
- Voltage: 220-240V (Non-Dimmable)

- 950 – 4750 Lumens
- 3 Years Warranty
- IP65 with extensive waterproofing QC Testing
- TRF Cable
- Photometric data
- Plug and play
- View angle 120°
- input Voltage
- CRI 80
- CE ROHS



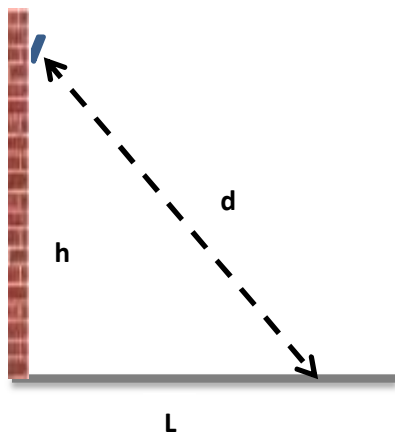
Technical Data

Part Number	*Light Colour	Body Colour	Wattage	**Lumens for DL/WW	Sensor	IP Rating
FC10*	DL/WW/BL/GR/RD/OR	Black	10W	950lm		65
FC20*	DL/WW	Black	20W	1900lm		65
FC30*	DL/WW/BL/GR/RD/OR	Black	30W	2850lm		65
FC50*	DL/WW/BL/GR/RD/OR	Black	50W	4750lm		65
FCW10*	DL/WW	White	10W	950lm		65
FCW20*	DL/WW	White	20W	1900lm		65
FCW30*	DL/WW	White	30W	2850lm		65
FCW50*	DL/WW	White	50W	4750lm		65
PCC10*	DL/WW	Black	10W	950lm	Photocell	65/pc44
PCC20*	DL/WW	Black	20W	1900lm	Photocell	65/pc44
PCC30*	DL/WW	Black	30W	2850lm	Photocell	65/pc44
PCC50*	DL/WW	Black	50W	4750lm	Photocell	65/pc44
PIRC10*	DL/WW	Black	10W	950lm	PIR	65/pir44
PIRC20*	DL/WW	Black	20W	1900lm	PIR	65/pir44
PIRC30*	DL/WW	Black	30W	2850lm	PIR	65/pir44
PIRC50*	DL/WW	Black	50W	4750lm	PIR	65/pir44
PIRCW10*	DL/WW	White	10W	950lm	PIR	65/pir44
PIRCW20*	DL/WW	White	20W	1900lm	PIR	65/pir44
PIRCW30*	DL/WW	White	30W	2850lm	PIR	65/pir44
PIRCW50*	DL/WW	White	50W	4750lm	PIR	65/pir44

***Light Colour Output: DL=5500K WW= 3000K BL=Blue/465-475nm
 GR=Green/510-530nm RD= Red/620-650nm OR=Orange 580-610nm**



		FC(w) 10/20	FC(w) 30/50	PC/PIR(w) 10/20	PC/PIR(w) 30/50
		mm	mm	mm	mm
Floodlight Height	A	110	168	110	168
Floodlight Width	B	152	230	152	230
Floodlight Depth	C	35	42	35	42
Bracket Height	D	105	160	105	160
Bracket Width	E	156	236	156	236
Sensor Drop Height	F			100	100
Sensor Width	G			59	59
Cable length (Extendible)	H	300	300	300	300



d	1M	3M	5M
	Lux	Lux	Lux
FC10DL	500	70	30
FC20DL	900	120	45
FC30DL	1450	200	80
FC50DL	2000	300	120

h = Floodlight height

L = Distance length away from Floodlight

d = Projection distance

$$d = \sqrt{h^2 + L^2}$$

INSTALLATION AND WIRING INSTRUCTIONS

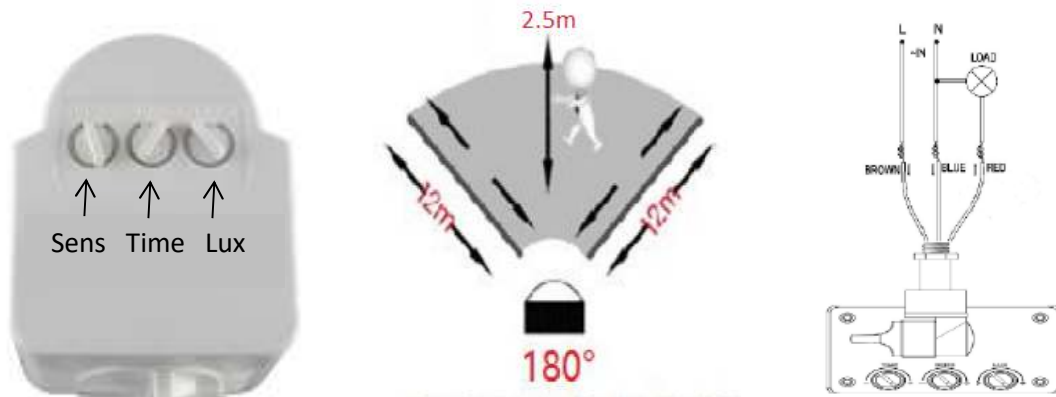
A qualified electrician is required to install and Make connections to LED Floodlights. The following instructions should be read carefully before commencing installation. Failure to implement procedure below will invalidate the warranty.

General Notes

- Ensure 220/240V supply Voltage
- Switch off mains supply
- Fix Floodlights in Suitable position
- Floodlights are suitable for external use, but they are not submersible
- Ensure correct wiring connections to mains input Live, Neutral and Earth wires.
- Switch on Electrical Supply after all electrical connections are finalised.
- It is recommended for these Floodlights to be connected to C type MCB and/or an inline contactor/relay if surge operation problem is encountered with PIR / Photocells or other type of electronic switching devices.
- Cable can be removed and replaced with longer piece of 0.5/0.75mm cable if required.
- External Cables could also be connected directly to these Floodlights



SENSORS INFORMATION (P.I.R Infra-Red) & Photocells)



(Sens) = Sensitivity distance adjustments dial 8m-12m (P.I.Rs) only.

(Time) = Time delay adjustments dial 5 ± 2 sec to 5 ± 1min.

(Lux) = Dusk to Dawn illuminance adjustments dial 2 Lux (moon) ~ 2000 Lux (sun)

Photocells have non-adjustable fixed parameters

Load = LED 50W Max Material: ABS IP44 Opr. Humidity < 90 rh

P.I.R Manual Override Function (applicable to batch numbers B/N 062018 onwards only)

Permanent: Switch Off and On twice within 3 seconds

PIR: Switch off unit, wait min 5 seconds. Switch unit back on

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PACKAGINGS INFORMATION

Part Number	Barcode	Part Number	Barcode	Part Number	Barcode
		FC50DL	5060306471688		
FC10BL	5060306471978	FC50GR	5060306471695	PCC30DL	5060306471824
FC10DL	5060306471602	FC50OR	5060306471893	PCC30WW	5060306471916
FC10GR	5060306471619	FC50RD	5060306471886	PCC50DL	5060306471831
FC10OR	5060306472005	FC50WW	5060306471855	PCC50WW	5060306471923
FC10RD	5060306471992	FCW10DL	5060306471701	PIRC10DL	5060306471756
FC10WW	5060306471985	FCW10WW	5060306472029	PIRC10WW	5060306471930
FC20DL	5060306471626	FCW20DL	5060306471800	PIRC20DL	5060306471763
FC20WW	5060306471633	FCW20WW	5060306471909	PIRC20WW	5060306471947
FC20WW	5060306471718	FCW30DL	5060306471725	PIRC30DL	5060306471770
FC30BL	5060306471640	FCW30WW	5060306471817	PIRC30WW	5060306471787
FC30DL	5060306471657	FCW50DL	5060306471862	PIRC50DL	5060306471954
FC30GR	5060306471664	FCW50WW	5060306472036	PIRC50WW	5060306471961
FC30OR	5060306472012	PCC10DL	5060306471732	PIRCW50DL	5060306472241
FC30RD	5060306472234	PCC10WW	5060306472043	PIRCW10DL	5060306471794
FC30WW	5060306471671	PCC20DL	5060306471749	PIRCW10WW	5060306472067
FC50BL	5060306471879	PCC20WW	5060306472050	PIRCW30DL	5060306471848



Part Number	Qty / Carton	Individual Boxes		Outer Carton	
		Weight kg (Gross)	Dimensions (cm) L X W X H	Weight kg (Gross)	Dimensions (cm) L X W X H
FC10/FC20	32 UNITS	0.66	19.0X15.0X4.0 CM	21.4	34.0X32.0X40.5 CM
FC30/FC50	14 UNITS	1.48	26.0X25.5X4.5 CM	21.2	53.0X36.0X29.0 CM
PIRC 10/PIRC20	28 UNITS	0.80	20.5X19.0X6.2 CM	23.0	52X43X41 CM
PIRC 30/PIRC50	14 UNITS	1.60	30.0X26.2X6.5 CM	23.4	62.5X50X29 CM