

Ultra Slim LED Floodlight

PL004

- Ideal replacements for Halogens, SONs and Metal Halide
- Save up to 90% on energy costs
- Instant start. Flicker free
- No mercury or other hazardous materials
- Low heat
- 50,000 hours

3 YEAR
WARRANTY



PAL Lighting Ltd

1st Floor Airedale House
Campbell Street
Keighley BD21 3AA

T 0844 257 38 38
M 07850 671117
E sales@pallighting.co.uk
W pallighting.co.uk

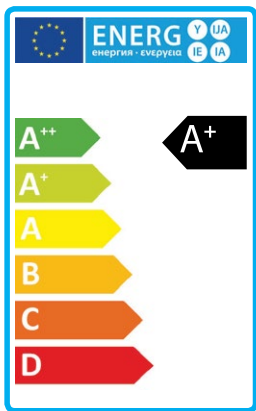


Proven energy saving lighting solutions

PL004



Replaces	150W Halogen	500W Halogen	150W SON/100W MH	250W SON/150W MH	250W MH	
Part Code	PL004-10P	PL004-30P	PL004-50P	PL004-80P	PL004-120	
Trade Price	£17.10	£52.20	£88.20	£160.20	£268.20	
PL004-PIR	£16.20					
Technical	Light colour	6000 K	6000 K	6000 K	6000 K	6000 K
	Ra, Consistency	Ra75, 6 SDCM	Ra75, 6 SDCM	Ra75, 6 SDCM	Ra75, 6 SDCM	Ra75, 6 SDCM
	Luminous flux	980 Lm	2870 Lm	4790 Lm	7670 Lm	11020 Lm
	Beam angle, light intensity	120°, 242 cd	120°, 722 cd	120°, 1199 cd	120°, 1925 cd	120°, 2888 cd
	Accent Lighting	Yes	Yes	Yes	Yes	Yes
	Warm up time	Instant	Instant	Instant	Instant	Instant
	Dimmable	No	No	No	No	No
Luminescence	Power input (50-60Hz AC)	10W (110V-230V)	30W (110V-230V)	50W (110V-230V)	80W (110V-230V)	120W (110V-230V)
	Power factor & Current	0.9, 0.25A	0.93, 0.4A		0.93, 1.2A	0.93, 1.8A
	Lamp type	Bridgelux LED COB	Bridgelux LED COB	Bridgelux LED COB	Bridgelux LED COB	Bridgelux LED COB
	Fire rated	-	-	-	-	-
	Working temperature	-25°C, +55°C	-25°C, +55°C	-25°C, +55°C	-25°C, +55°C	-25°C, +55°C
	Construction	Black cast aluminium casing, Polycarbonate (food-safe) covers, steel reflector				
	IP rating	IP65	IP65	IP65	IP65	IP65
Efficiency	Energy Efficiency Label	A+	A+	A+	A+	A+
	E _c (Energy consumption)	10 kWh / 1000h	30 kWh / 1000h	50 kWh / 1000h	80 kWh / 1000h	120 kWh / 1000h
	Lifetime	50,000 h	50,000 h	50,000 h	50,000 h	50,000 h
	Building Regs - Part L	Yes	Yes	Yes	Yes	Yes
	Warranty & LMF at EoL	3 years, 50%	3 years, 50%	3 years, 50%	3 years, 50%	3 years, 50%
	Switching cycles	50,000x	50,000x	50,000x	50,000x	50,000x



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PIR Unit

PL004-PIR

Power Input	220-240V AC 50/60hz
Working temperature:	-10°C +55°C
Working humidity:	<93%RH
Suggested installation height:	2.5-3.5m
Detection angle/distance:	160° / 10 metres
Connection	Connects to plug 'n' play floodlights

Installation

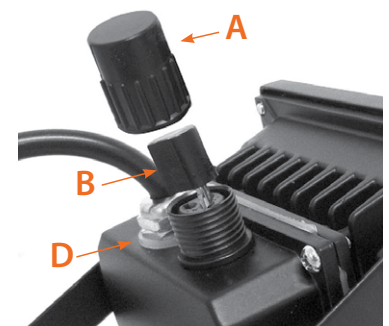
Remove (unscrew) and store safely the plastic dust cap **A** on the underside of the floodlight. Remove (pull out) and store safely the exposed jumper **B** from the three pin female connector.

Note: you will need to replace the dust cap and jumper should you wish to revert the floodlight to standard (non PIR) operation.

Caution - the jumper must be refitted in the 'flat to flat' position as aligned with the three pin female connector.

Push fit the PIR three pin male connector **C** into exposed three pin female connector **D** on the floodlight. The connectors will only fit in the 'flat to flat' position.

Screw on the retaining ring **E** to finger tightness. Do not overtighten.



Setting the PIR Unit

It is easiest to initially set the PIR in daylight

1. Turn the 'day/night' dial to its fully clockwise position – which allows the sensor to activate during daylight.
2. Turn the TIME dial to its fully clockwise position - this sets the unit to its minimum activation time and allows stage 3 to be performed more quickly.
3. Turn the 'day/night' dial anticlockwise in small increments (testing the sensor after each adjustment) until the sensor will not activate. The sensor should now activate only in poor light conditions.
4. Set the TIME dial to your preferred setting between the maximum 20 minutes (fully anticlockwise) and the minimum 20 seconds (fully clockwise).

The PIR should now activate for your preferred length of time when triggered during poor light conditions. Fine adjustments can be made to activation settings after some experience of normal operation is acquired:

Turning the 'day/night' dial anticlockwise will restrict activation to poorer light conditions.

Turning the TIME dial anticlockwise will increase the length of time the unit will activate for once triggered.



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