

IP66 RATED PIR OCCUPANCY SWITCHES



This range of products is ideal for energy saving, security and convenience in indoor and outdoor applications.

Ideal for energy saving, night time security and convenience in commercial or domestic applications.

IP66 rated.

Tough polycarbonate mouldings.

SPECIFICATION:

Detection:	See diagrams below
Weatherproof:	IP66 rated
Photocell range:	See table on page 37
Time lag range:	10 seconds to 40 minutes in 9 steps
Dimensions:	75 x 60 x 37mm

5 YEAR WARRANTY - MADE IN THE U.K.

LOADING: COPIR IP66 (BK), CEPD 17MH (BK) and WAPD IP66 (BK)

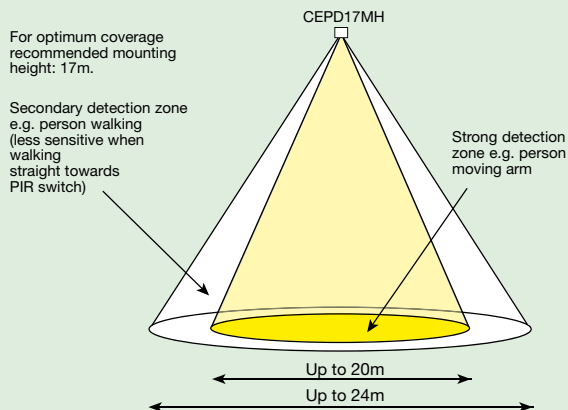
10 amps (2300W)	Fluorescent
10 amps (2300W)	Incandescent or mains halogen lamps (recommended with integral safety fuse)
6 amps (1500W)	Electronic or wire wound transformer
6 amps (1500W)	CFL or LED Drivers and LED lamps and fittings (PF ≥ 0.95)
1 amp (250W)	Most fans and metal halide discharge lamps.
Minimum Load:	2W resistive.

LOADING: COPD (BK)

6 amps (1500W)	Resistive
6 amps (1500W)	Fluorescent
3 amps (750W)	Electronic or wire wound transformer
2 amps (500W)	LED Drivers and LED lamps and fittings
2 amps (500W)	CFL or 2D lamps
1 amp (250W)	Most fans and metal halide discharge lamps.
Minimum Load:	2W resistive.

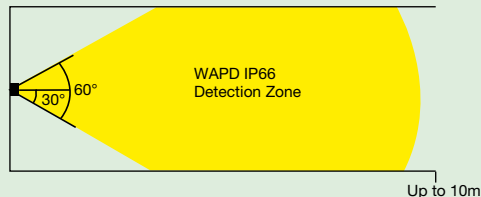
Detection diagram: CEPD 17MH (BK)

CEPD17MH Perspective view (ceiling mounted)

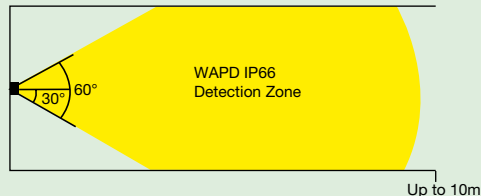


Detection diagram: WAPD IP66 (BK)

WAPD IP66 Plan view (wall mounted)

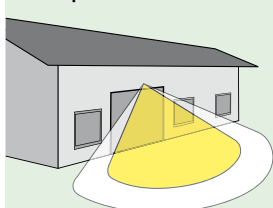


WAPD IP66 Side elevation (wall mounted)



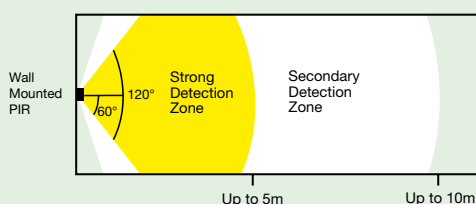
Detection diagram: COPD, COPD BK and COPIR IP66 (BK)

Perspective view

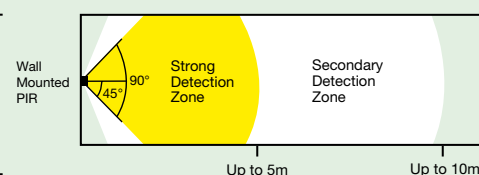


Recommended mounting height between 1m and 2.2m

Plan view



Side elevation



● Strong Detection Zone
i.e. person moving arm

○ Secondary Detection Zone
i.e. person walking across the zone

IP66 RATED PIR OCCUPANCY SWITCHES

DANLERS PRODUCT ORDER CODE	PIR OCCUPANCY DETECTION	PHOTOCELL LUX RANGE	TIME LAG RANGE	ADDITIONAL PRODUCT DESCRIPTION	WIRING DIAGRAMS
COPIR IP66	Yes	10 - 1000 lux (adjustable) Infinite lux selected via internal button	10 seconds to 40 minutes in 9 steps	Compact person detector (PIR Occupancy switch) A PIR switch (presence detection) which switches lights on when somebody is detected. Switches lights off when nobody has been detected for a chosen period. The photocell can be set so that lights do not switch on during the day. IP66 rated grey/white enclosure. 10A maximum load. 6A maximum LED load (PF ≥ 0.95). Detection angle: 120°. Detection range: Up to 10m. LED feedback to ensure correct lux setting is selected.	37.1
COPIR IP66 BK	As COPIR IP66 but with: Black enclosure.				
COPD	As COPIR IP66 but with: 6A maximum load. 2A maximum LED load.				
COPD BK	As COPIR IP66 but with: 6A maximum load. 2A maximum LED load. Black enclosure.				
CEPD 17MH	Yes	No photocell	10 seconds to 40 minutes in 9 steps	Ceiling mount person detector (PIR Occupancy switch) Ceiling mounted PIR switch (presence detection) which can also be mounted onto the end of lighting battens via the 20mm knock out. The switch includes the connection 20mm thread. IP66 rated grey/white enclosure. 10A maximum load. 6A maximum LED load (PF ≥ 0.95). Detection zone: 360°. Detection angle: 60°. Mounting height: Up to 17m. Detection range: Up to 24m.	37.1
CEPD 17MH BK	As COPD 17M BK but with: Black enclosure.				
WAPD IP66	Yes	No photocell	10 seconds to 40 minutes in 9 steps	Wall mounted person detector (PIR Occupancy switch) A PIR switch (presence detection) which can be surface mounted onto an external or internal wall. The switch includes the connection 20mm thread. IP66 rated grey/white enclosure. 10A maximum load. 6A maximum LED load (PF ≥ 0.95). Detection angle: 60°. Detection range: Up to 10m.	37.1
WAPD IP66 BK	As WAPD 17M BK but with: Black enclosure.				
CESF PIR IP66	Ceiling surface mounted PIR occupancy switch. See pages 22/23 for details.				

DANLERS can also supply many variants of standard products to special order. Please contact us to discuss your requirements.

