

# Lighting Accessories - PIR700 Wall Mount Outdoor PIR Sensor



The PIR700 external motion sensor from PowerLED is a new type of PIR sensor specifically suited to applications involving the control of LED Flood Lights and associated lighting technology, with its advanced lighting control circuits it ensures that LED floodlights are controlled safely and reliably.

Double sensor technology utilises heat sensing and movement detection meaning it is suitable for both pedestrian and vehicular monitoring, The high quality prismatic lens ensure that over 300 sensor zones are continuously monitored throughout the design phase special focus has been placed on eliminating nuisance tripping and false illumination common problems associated with lower quality PIRs. The PIR700 is ideally suited to vertical mounting, the IP44 enclosure ensures trouble free operation in external and internal environments.

## PIR700 Wall Mount Outdoor PIR Sensor

Part Code	PIR700B	PIR700W
Fitting Colour	Black	White
Input Voltage	220 ~ 240VAC, 50Hz	220 ~ 240VAC, 50Hz
Maximum Wattage	0 ~ 300 watt LED load, 300 Watt CFL, 800 Filament	0 ~ 300 watt LED load, 300 Watt CFL, 800 Filament
Sensing Technology	Passive Infrared (PIR)	Passive Infrared (PIR)
Time Delay Setting	10 seconds ( +/-3) to 7 minutes (+/-2 Mins)	10 seconds ( +/-3) to 7 minutes (+/-2 Mins)
Mounting	Wall	Wall
Light Level Setting	3 ~ 2000 lux	3 ~ 2000 lux
Environment	IP 44 rated, -20°C to +40°C	IP 44 rated, -20°C to +40°C
Coverage	180°, up to 12m (<24°C)	180°, up to 12m (<24°C)
Recommended mounting Height	1.8 ~ 2.50	1.8 ~ 2.50
Sensors	Infrared pyroelectric detectors	Infrared pyroelectric detectors
Detection speed	0.6 ~ 1.5m/s	0.6 ~ 1.5m/s
Detection Range	0 ~ 12 metres	0 ~ 12 metres
Lens Design	prismatic	prismatic



PIR700 Sensors can be used with the  
FLEX Flood Lights & the LUMO2



## Product Features

- ★ LED flood light compatible up to 300 Watts
- ★ 180° coverage with up to 12 metres detection
- ★ Adjustable Time delay
- ★ Adjustable Ambient light level
- ★ Prismatic lens ensures high sensitivity for accurate motion detection
- ★ Automatically adjusts to temperature changes keeping sensitivity and coverage consistent
- ★ Built in surge protection
- ★ Splash proof IP44 rated; suitable for interior or exterior use

