

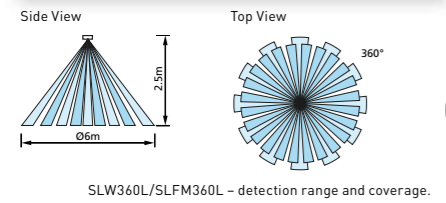


SLW360L

360° Surface Mount Ceiling PIR Presence Detector

Ideal for energy saving installations in the workplace, corridors, offices, toilets etc., where light control can make all the difference.

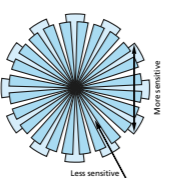
- 360° Surface Mount Ceiling PIR Presence Detector.
- 6m diameter (3m radius) detection range at 2.5m mounting height.
- No creep zone – maximum coverage.
- Light ON time adjustable from 5 seconds to 18 minutes.
- Manual ON/OFF override.
- IP44 weatherproof rating.
- Adjustable light level control.
- Total PIR switching: 2400W (e.g. 20x 100W GLS) incandescent or halogen, 500W fluorescent/150W CFL/low energy, 100W LED.
- Not suitable for discharge lighting.
- 75W fan.



SLFM360L

360° Flush Mount Ceiling PIR Presence Detector

- Flush mounting.
- 360° Flush Mount Ceiling PIR Presence Detector.
- 6m diameter (3m radius) detection range at 2.5m mounting height.
- No creep zone – maximum coverage.
- Light ON time adjustable from 5 seconds to 18 minutes.
- Manual ON/OFF override.
- IP44 weatherproof rating.
- Adjustable light level control.
- Total PIR switching: 2400W (e.g. 20x 100W GLS) incandescent or halogen, 500W fluorescent/150W CFL/low energy, 100W LED.
- Not suitable for discharge lighting.
- 75W fan.
- Requires a 75mm diameter installation hole cut out.



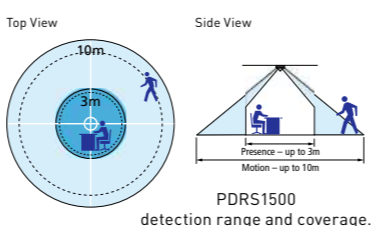
3 YEAR GUARANTEE INCLUDED

All these products carry a 3 year guarantee.

PDRS1500

360° PIR Presence Detector – Surface Mount

- Up to 2300W loading for incandescent, halogen, 1500W fluorescent, 420W LED or 250W fan.
- Enhanced 360° detection zone for optimum coverage.
- Switches lights ON when presence and motion are detected in combination with light levels (LUX adjustment) pre-set by user.
- Up to 10m detection range for motion and 3m for presence detection at 3m mounting height.
- User-friendly adjustment for:
 - Time ON: 1 to 30 minutes.
 - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- IP44 environmental rating (internal use only).



PDSM1500

360° Ceiling PIR Presence Detector – Surface Mount

- Up to 1500W loading (6A) for incandescent, halogen, fluorescent and inductive lighting or 250W (1A) fan, 420W LED.
- Enhanced 360° detection zone for optimum coverage.
- Switches lights ON when presence is detected and to light level (LUX) settings.
- Up to 10m detection range for motion and 3m for presence detection at 3m mounting height.
- User-friendly adjustment for:
 - Time ON: 1 to 30 minutes.
 - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- Can also be mounted on a standard BS surface or flush mount box.
- IP55 environmental rating (internal use only).

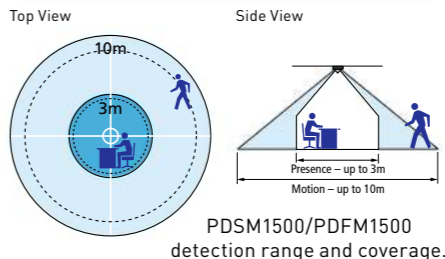


See pages 81 – 82 for product specifications.

PDFM1500

360° Ceiling PIR Presence Detector – Flush Mount

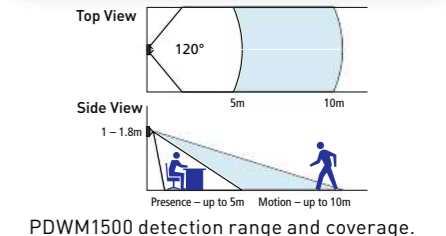
- Up to 1500W loading (6A) for incandescent, halogen, fluorescent and inductive lighting or 250W (1A) fan, 420W LED.
- Enhanced 360° detection zone for optimum coverage.
- Switches lights ON when presence is detected and to light level (LUX) settings.
- Up to 10m detection range for motion and 3m for presence detection at 3m mounting height.
- User-friendly adjustment for:
 - Time ON: 1 to 30 minutes.
 - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- Requires a 64mm diameter installation hole cut out.
- IP44 environmental rating (internal use only).



PDWM1500

120° Wall Mount PIR Presence Detector

- Up to 1500W loading (6A) for incandescent, halogen, fluorescent and inductive lighting or 250W (1A) fan, 420W LED.
- Enhanced 120° detection zone for optimum coverage.
- Switches lights ON when presence is detected and to light level (LUX) settings.
- Up to 10m detection range for motion and 5m for presence detection at 1.8m mounting height.
- User-friendly adjustment for:
 - Time ON: 1 to 30 minutes.
 - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- Can also be mounted on a standard BS surface or flush mount box.
- IP55 environmental rating (internal use only).
- 3 wire connection.



HF1

360° Square Microwave Ceiling Presence Detector – Flush Mount

- High frequency technology for instant reaction.
- Up to 1000W loading incandescent or halogen, 500VA fluorescent/low energy and 225W LED lighting.
- Enhanced 360° HF detection zone for optimum coverage.

HF2R

360° Round (Microwave) Ceiling Presence Detector – Flush Mount

- Up to 6m detection range for motion and presence at 3m mounting height.
- HF detects around partitions and through glass, doors and walls.
- User-friendly adjustment for:
 - Time ON: 1 to 30 minutes.
 - Range: 0.5m to 6m.
 - Light Level: 5 to 1000 LUX.
- Manual override switchable for 4 hours.
- Requires a 112mm diameter cut out.
- Not suitable for discharge lighting.
- IP20 environmental rating (internal use only).



HF2R

360° Round (Microwave) Ceiling Presence Detector – Flush Mount

- High frequency technology for instant reaction.
- Up to 1000W loading for incandescent, 440VA fluorescent, energy saving lamps and 100W LED.
- Enhanced 360° detection zone for optimum coverage.
- Up to 7m diameter detection range (3.5m radius) for motion detection at 3m mounting height.

- HF detects around partitions and through glass, doors and walls.
- User-friendly adjustment for:
 - Time ON: 30 seconds to 30 minutes.
 - Light Level: 5 to 1000 LUX.
- Requires a 64mm diameter cut out.
- Not suitable for discharge lighting.
- IP20 environmental rating (internal use only).



Optional PDSM361 LEDs UP TO 400W



Optional PDFM361/PDFM362 LEDs UP TO 400W



theMova S360-100 DE WH LEDs UP TO 70W



thePrema S360-101 UP WH LEDs UP TO 180W



theLuxa S150 BK theLuxa S180 BK LEDs UP TO 90W



theLuxa S360 WH LEDs UP TO 90W

PDSM361
PIR Presence Detector – Surface Mount, Single Channel

Ideal for energy saving installations in the workplace, corridors, offices, toilets etc., where light control can make all the difference.

- Switches lights ON when presence is detected to light levels (LUX) set.
- 360° circular detection, range up to 7m at 2.5m mounting height.
- Three user friendly adjustments for Time, LUX levels and Metre range.
- Timer adjustment – from 5 seconds to 20 minutes (up to 30 or 60 minutes with IR10 remote).
- LUX adjustment – from 10 to 2000 LUX.
- Metre adjustment – approx. (-) Ø1m to (+) Ø7m at 2.5m height.
- Total switching: 1000W incandescent/halogen, 550W fluorescent/low energy plus 400W LED.
- Optional infra-red remote control for remote set-up and adjustment using part code IR10. Also gives extended lamp ON times.
- LED indication on detection and on optional remote control set-up.

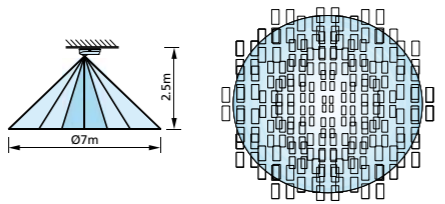
PDFM361
PIR Presence Detector – Flush Mount, Single Channel

Shares the features and benefits of the PDSM361 but is flush mounted.

- Requires a 65mm diameter installation hole cut out.

PDFM362
PIR Presence Detector – Flush Mount, 2 Channel

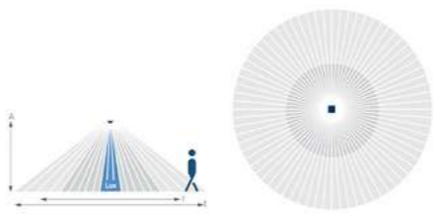
Shares the features and benefits of the PDFM361 but has 2 outputs switching lights and HVAC loads and time adjustments for each channel.



PDSM/PDFM detection range and coverage.

theMova S360-100 DE WH
PIR Presence Detector – Flush Mount

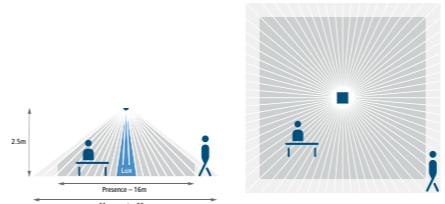
- PIR Presence Detector for ceiling mounting.
- 360° circular detection, range up to 7m at 2.5m mounting height.
- Timer adjustment – from 10 seconds to 60 minutes.
- LUX adjustment – from 30 to 3000 LUX.
- Total switching: 2300W incandescent/halogen, 1150W fluorescent/low energy plus 70W LED.
- Mixed light measurement suitable for fluorescent, halogen and incandescent lighting types as well as LEDs.
- Pulse function for staircase lighting.
- IP40 weatherproof rating.
- Optional user remote control theSenda S.
- Optional service remote control theSenda P.



theMova S360-100 DE WH detection range and coverage.

thePrema S360-101 UP WH
PIR Presence Detector – Flush Mount

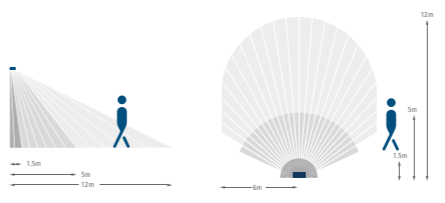
- PIR Presence Detector for ceiling mounting.
- 360° square detection, range up to 64m² at 2.5m mounting height.
- Choice of fully or semi-automatic (absence detection) operation.
- Timer adjustment – from 10 seconds to 60 minutes.
- LUX adjustment – from 5 to 3000 LUX.
- Total switching: 2300W incandescent/halogen, 1150W fluorescent/low energy plus 180W LED.
- Mixed light measurement suitable for fluorescent, halogen and incandescent lighting types as well as LEDs.
- Pulse function for staircase lighting.
- IP40 weatherproof rating.
- Optional user remote control theSenda S.
- Optional service remote control theSenda P.



thePrema S360-101 UP WH detection range and coverage.

theLuxa S150
IP55 Outdoor 150° Motion Detector

- PIR outdoor Motion Detector.
- 150° detection, range up to 12m at 2.5m mounting height.
- Additional creep-under protection.
- Sensor head can be turned by ±90° horizontally and 30° downward.
- Timer adjustment – from 1 second to 20 minutes.
- LUX adjustment – from 5 to 1000 LUX.
- Total switching: 2300W incandescent/halogen, 400W fluorescent, 150W low energy plus 90W LED.
- Mixed light measurement suitable for fluorescent, halogen and incandescent lighting types as well as LEDs.
- Pulse function.
- IP55 weatherproof rating.
- White version – Part No. theLuxa S150 WH.
- Black version – Part No. theLuxa S150 BK.

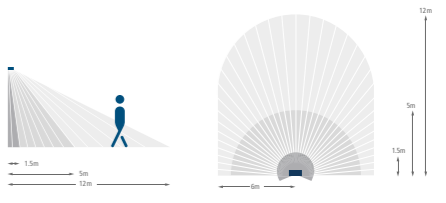


theLuxa S150 detection range and coverage.

theLuxa S180
IP55 Outdoor 180° Motion Detector

Shares the features and benefits of theLuxa S150 plus a 180° detection area.

- 180° detection, range up to 12m at 2.5m mounting height.
- White version – Part No. theLuxa S180 WH.
- Black version – Part No. theLuxa S180 BK.



theLuxa S180 detection range and coverage.

theLuxa S360
IP55 Outdoor 360° Motion Detector

Shares the features and benefits of theLuxa S150 plus a 360° detection area.

- 360° detection, range up to 12m at 2.5m mounting height.
- Installation on walls and ceilings.
- White version – Part No. theLuxa S360 WH.
- Black version – Part No. theLuxa S360 BK.



theLuxa S360 detection range and coverage.



See pages 81 – 82 for product specifications.



All these products carry a 3 year guarantee.



IR10
Infra-Red Remote Control

For use with PIR presence detector models PDSM361, PDFM361 and PDFM362.

- Ceiling mount presence detectors can be set up and adjusted without the use of ladders.
- Adjustable light (LUX) and time on settings at the touch of a button.
- Easy to set by symbol recognition.
- Extended lamp ON times available.
- 3m (approx.) transmission range.
- 3V DC (CR2032 battery) factory fitted and replaceable.



IR10 PDSM361

Remote Controls for Theben PIR Presence Detectors

- theSenda S**
User Remote Control for theMova S360-100 DE WH and thePrema S360-101 UP WH.
- theSenda P**
Service Remote Control theMova S360-100 DE WH and thePrema S360-101 UP WH.



theSenda P



theSenda S



All these products carry a 3 year Theben guarantee.

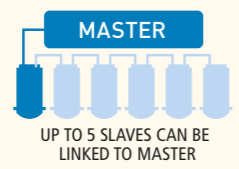




PDFMMINIL

360° Flush Mount Linkable Mini PIR Sensor
Mini design (30mm diameter) for corridor and multi-zone use with Twist & Lock design for easy access. Linkable pre-wired RJ11 plug-in slave units allow quick installation with up to 5 slaves to one master unit.

- Designed for corridor and multi-zone use.
- Mini unobtrusive design (30mm diameter).
- Detection: 360°
- 3 metre presence detection.
- 8 metre motion detection.
- Twist & Lock design for easy access.
- Pre-wired RJ11 plug-in slave units for quick installation.
- Linkable.
- Up to 5 slaves can be added to 1 master.
- Load: halogen max. 1000W.
- LED max. 250W.
- LUX adjustment: 5 – 1000 LUX.
- Time adjustment: 30 seconds to 30 minutes (master only).
- Termination box for ease of wiring.
- Masking kit included.
- LED indication.
- IP40 weatherproof rating.



PDFMMINILS

360° Flush Mount Linkable Mini PIR Slave Sensor
■ Up to 5 slaves can be added to 1 master PDFMMINIL.

PDFM360MINI

Stand Alone Mini PIR Presence Detector
Mini Stand Alone flush mount ceiling PIR with removable shroud for easy access to controls once installed.

- Flush mounting.
- 360° angle of detection.
- 6m diameter (3m radius) detection range at 2.5m mounting height.
- No creep zone – maximum coverage.
- Removable shroud for easy access to controls once installed.
- Light ON time adjustable from 30 seconds to 30 minutes in 30s, 1m, 5m, 10m and 30m increments.
- LUX adjustment 5 to 1000 LUX plus memory setting 5 to 200 LUX.
- IP20 weatherproof rating.
- Total PIR switching: 800W halogen, 225W fluorescent (electronic) and 4x 23W LED switching.
- Not suitable for discharge lighting.
- Requires a 45mm diameter installation hole cut out.

PDSMDALI

IR DALI Presence Detector – Surface Mount

- 360° 9m diameter detection.
- Adjustable time setting 10 seconds – 30 minutes.
- Adjustable standby time – ON/OFF, 1 – 30 minutes.
- Adjustable 10 – 1000 LUX setting.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – **Part No. IRRDALI.**

PDSMCDALI

IR DALI Corridor Presence Detector – Surface Mount

- 360° 40m length x 16m width range of detection.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – **Part No. IRRDALI.**

PDFMCDALI

IR DALI Presence Detector – Flush Mount

- 360° 9m diameter detection.
- Adjustable time setting 10 seconds – 30 minutes.
- Adjustable standby time – ON/OFF, 1 – 30 minutes.
- Adjustable 10 – 1000 LUX setting.
- 68mm diameter ceiling cut-out.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – **Part No. IRRDALI.**

PDFMCDALI

IR DALI Corridor Presence Detector – Flush Mount

- 360° 40m length x 16m width range of detection.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – **Part No. IRRDALI.**

PSUDALI

DALI Power Supply

- 230V 50Hz.
- Rated power: 3.8W Max.
- Output voltage: 16V DC.
- Output current: 220mA.
- Class rating: Class II.
- IP20.
- For use with Timeguard DALI Sensor models: PDSMDALI, PDSMCDALI, PDFMCDALI and PDFMCDALI.



All these products carry a 3 year guarantee.



See page 81 for product specifications.



PDFMMINIL Product Features



Lens cap supplied for range adjustment.

Quick install RJ11 connections between wiring box, PIR Master and Master to Slave.

Large easy wire mains terminals.

Easy access controls.

IRRDALI

DALI Remote Control

- For use with Timeguard DALI Sensor models: PDSMDALI, PDSMCDALI, PDFMCDALI and PDFMCDALI.
- Ceiling mount presence detectors can be set up and adjusted without the use of ladders.
- Adjustable light (LUX) and time ON settings at the touch of a button.
- Easy to set by symbol recognition.
- Extended lamp ON times available.
- 5m (approx.) transmission range.
- 3V DC (CR2032 battery) factory fitted and replaceable.



IRRDALI

