

# PIR OCCUPANCY SWITCHES WITH DIMMING



Order code:  
**CEFL PIRDD 10VDC**

Brings lights on – only when area is occupied. Automatically dims lights according to ambient light level to maintain constant brightness of between 100 and 1000 lux (adjustable). Adjustable time lag before switching off. For suspended or plasterboard ceilings. Complete with 2m cables for quick and easy installation.

## PIR occupancy switch with daylight linked dimming

CEFL PIRDD 10VDC is suitable for dimmable ballasts with 1-10VDC input.

### Specification

Detection zone: 360°

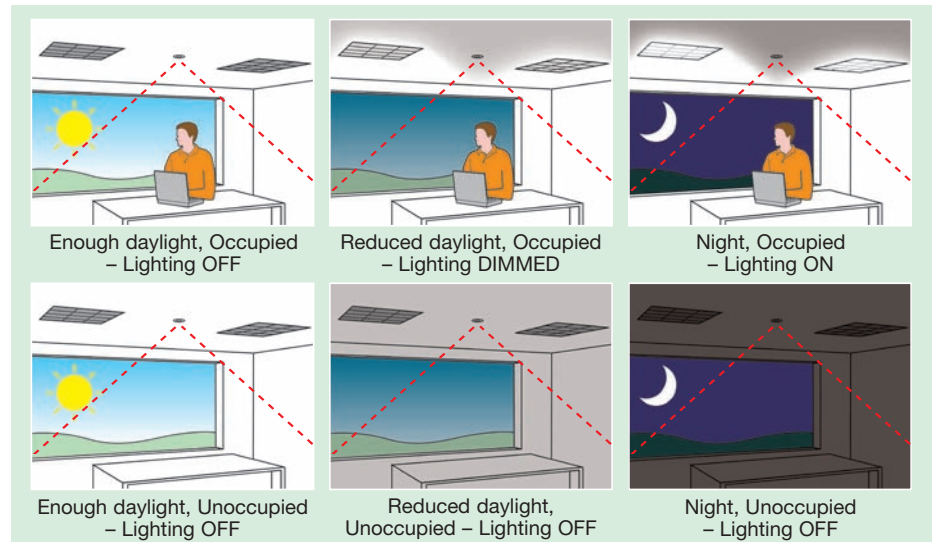
Time lag range: 10 seconds to 40 minutes in 9 steps

Photocell range: 100 to 1000 lux, falling on the working plane

Loading: Total load of ballast, lamps plus other load not more than 6 amps including fluorescent.  
Can control up to 20mA, eg. 20 ballasts at 1mA.  
(Varies according to make and model of ballasts)

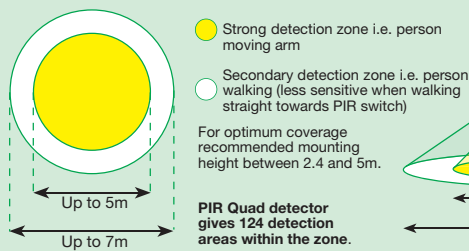
Wiring diagram: See diagram 25 below

Dimensions: 72mm diameter x 68mm

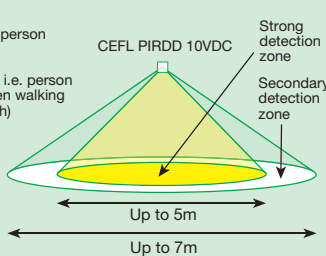


### Detection diagrams

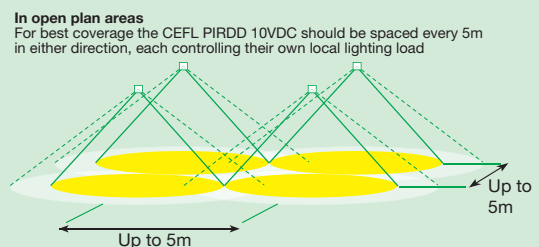
#### Plan view of detection zone



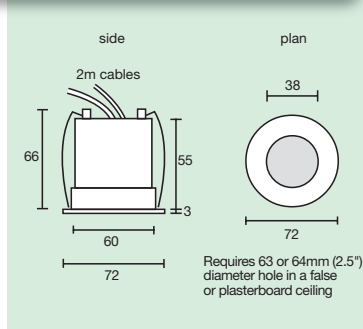
#### Perspective view of detection zone



#### Several PIR occupancy switches

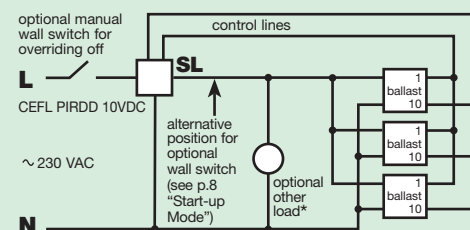


### Dimensions in mm



### Wiring diagram

#### 25. CEFL PIRDD 10VDC controlling several 1-10VDC dimmable ballasts



\* Total load of ballasts, lamps plus other load not more than 6 amps

# PIR OCCUPANCY SWITCHES WITH DIMMING



Order code:  
**CEFL PIRDD DSI**

Brings lights on – only when area is occupied. Automatically dims lights according to ambient light level to maintain constant brightness of between 100 and 1000 lux (adjustable). Adjustable time lag before switching off. For suspended or plasterboard ceilings. Complete with 2m cables for quick and easy installation.

## PIR occupancy switch with daylight linked dimming

CEFL PIRDD DSI is suitable for DSI dimmable ballasts.

### Specification

Detection zone: 360°

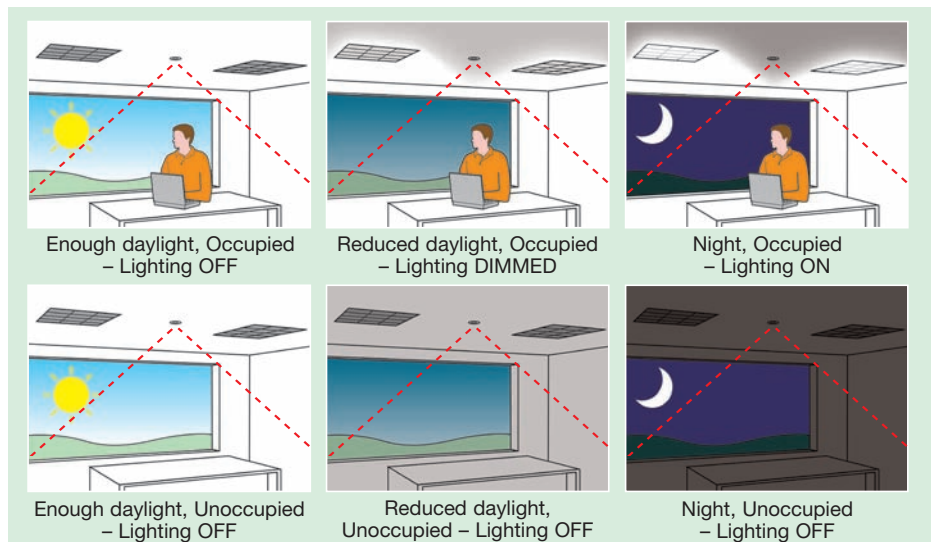
Time lag range: 10 seconds to 40 minutes in 9 steps

Photocell range: 100 to 1000 lux, falling on the working plane

Loading: Total load of ballast, lamps plus other load not more than 6 amps including fluorescent.  
Can control up to 20 DSI ballasts

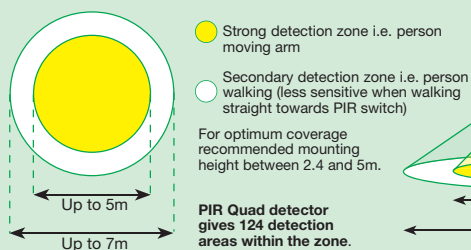
Wiring diagram: See diagram 26 below

Dimensions: 72mm diameter x 68mm

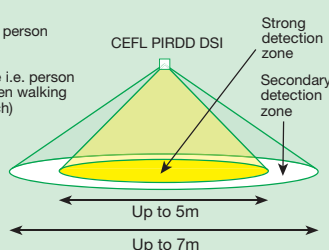


### Detection diagrams

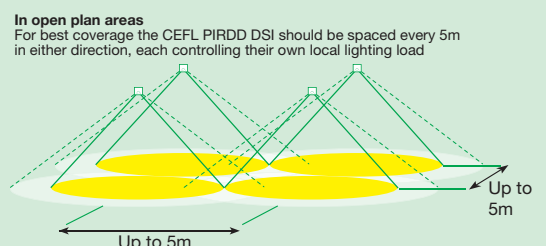
#### Plan view of detection zone



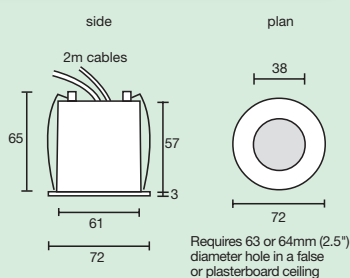
#### Perspective view of detection zone



#### Several PIR occupancy switches

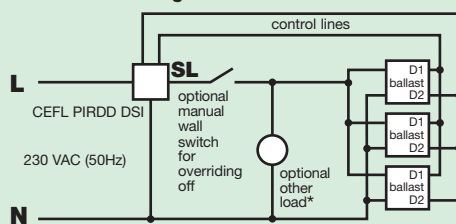


### Dimensions in mm



### Wiring diagram

#### 26. CEFL PIRDD DSI controlling several DSI digital dimmable ballasts



\* Total load of ballasts, lamps plus other load not more than 6 amps  
Alternatively, ballasts can be supplied by a permanent live instead of switched line from the CEFL PIRDD DSI