

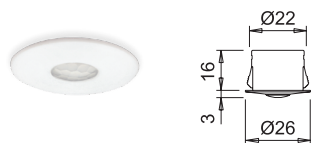


PIR 2.0

Passive infrared sensor



Code	Input	Output	Power	Connectors	Finish
1776501	12Vdc	12Vdc	36W	Micro12	white
1776503	12Vdc	12Vdc	36W	Micro12	black
1775601	24Vdc	24Vdc	72W	Micro24	white
1775603	24Vdc	24Vdc	72W	Micro24	black
1776601	12-24Vdc	12-24Vdc	36-72W	Micro12-Micro24	white
1776603	12-24Vdc	12-24Vdc	36-72W	Micro12-Micro24	black



Recessed installation



Surface installation
with holder sold separately

Code	Finish
3061201	white
3061203	black

How PIR 2.0 works

The **PIR 2.0 (passive infrared sensor)** detects motion, combined with **temperature variations of at least 4°C** in a cone with an opening of about 80°. For correct operation, the photocell of the sensor must be installed in a position which does not affect its sensitivity. **Horizontal sensitivity (up to about 400 cm) and vertical sensitivity (up to 220 cm)** may be reduced if the photocell of the sensor is installed in a position (or at a height) which reduces the detection cone, e.g. near shelves or sides of a wardrobe. It is also not recommended to install the photocell in line with the central closing of the wardrobe doors in order to avoid turning on when undesired caused by detection of minimum motions.

Temperature variations caused by air conditioners, steam or motions within the detection cone can also activate the photocell of the sensor. The sensor is protected against cell phone interference, radio-frequency transmissions etc., in accordance with current EU directives.

When first turned on, the sensor carries out an automatic set-up by detecting the temperature and installation conditions. It is necessary to wait around 40 seconds for this operation to be completed, during which the wardrobe door must remain closed.

The sensor automatically turns on the luminaires connected to it when it detects motion and temperature changes in the cone. After a pre-setup time of around 30 seconds during which the photocell no longer detects any presence, the luminaire is automatically turned off, even if the wardrobe door is open. The photocell will again turn on the next detection.

