

PDC-2400 EXTERNAL PRESENCE SENSOR, CEILING MOUNTED

INTRODUCTION

The PDC-2400 is a 24 VDC/VAC powered passive infrared (IR) detector designed for presence detection. This unit is intended for ceiling installation.



PDC-2400. External presence sensor 24VDC/VAC for ceiling mounting.

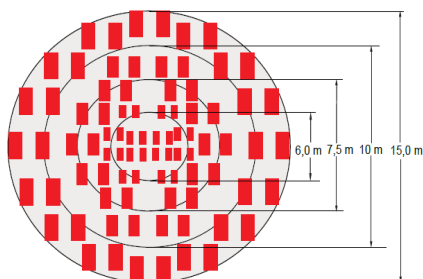
FUNCTION

The sensor detects movement and sends a signal to a connected controller unit.

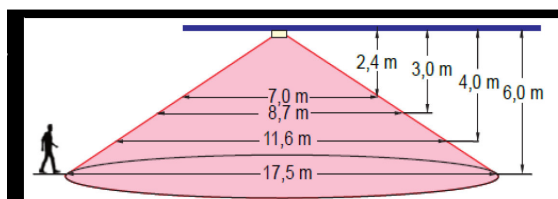
The lens in the detector collects thermal radiation from several fields to the sensor element. When a person passes through a field, a strong signal is generated.

DETECTION AREA

Refer to the illustrations below for guidance. The detection area has a slightly elliptical shape. Therefore, the detector must sometimes be mounted in the correct orientation depending on the room's shape. The casing's marking for "Closed" should be placed towards the long side of the room during installation.



Detection Zones



Range: Maximum at different heights

TECHNICAL SPECIFICATIONS

General

IR Sensor

Dual-element, low-noise, pyroelectric IR sensor.

Dimensions

Ø129 mm, height 43 mm.

Weight

110 g.

Electrical System

Power Supply

PD-2400: 15 - 26 VAC / 18 - 37 VDC.

Relay Output

SPDT, 200 mA / 60 VDC

ADDITIONAL PRODUCT DOCUMENTATION

The documents are available at www.lindinvent.com

Document	Comment
Installation Instructions	Prepared for attachment via screws in the ceiling. Refer to the external connection diagram for wiring.
External Connection Diagram	Shows connections for a selection of controllers.
Environmental Product Declaration	For assessment by Byggarubedömningen in Sweden.
User Information	Included with the product.