OCCUPANCY SENSOR:

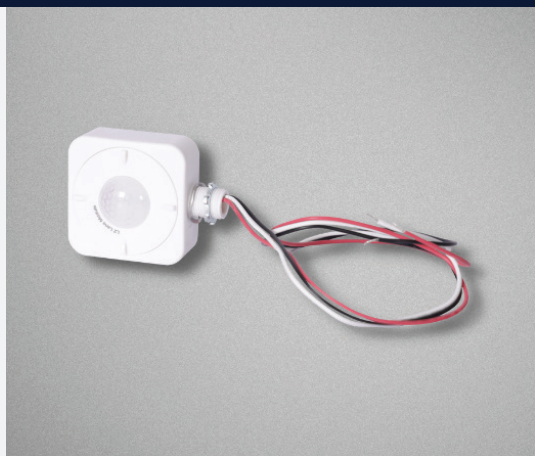
# CD-IR-HB

INFRA-RED FIXTURE INTEGRATED FOR HIGH BAY LIGHT

COSINE DEVELOPMENTS
LEADERS IN EMERGENCY LIGHTING

## DESCRIPTION

The product is a new energy-saving switch for high bay fittings. It gathers automatism, convenient safe, energy-saving and practical functions. It utilizes the infra-red energy from humans as control-signal source, it can start the load at once when one enters detection field.



## TECHNICAL DATA

| | |
|---|---|
| **POWER SOURCE** | 220 - 240Vac |
| **MAXIMUM LOAD** | Fluorescent/ LED: 800W<br>Resistive: 1200W |
| **PIR LEN L2** | 18m at 12m height / 360 |
| **TEMPERATURE** | -40°C to+75°C |
| **TIME SETTING** | 10 Seconds - 30 minutes |
| **IP RATING** | IP20 |

## FEATURES

- 1200W Rated Load
- Detection radius of up to 9m
- 30 minutes maximum time delay setting
- DIP switch setting
- 2 year warranty
- 12m height Installation

## INSTALLATION GUIDE

Install the occupancy sensor within the mounting height rating to ensure full function potential. Due to its sensitivity to body heat, the sensor is also sensitive to rapid changes in temperature within its detection range. Avoid mounting the sensor close to heating or cooling systems. The recommended distance from these HVAC systems is 1.5 meters. Movement in front of hot backgrounds may not be detected.

There must be no obstructions from the sensor to the occupants as the sensor is a line-of-sight device. The further the distance, the larger the blind spots. Keep sensors close to the desired detection zone and use more sensors to cover the targeted area efficiently.

High levels of vibration may cause false triggering. Avoid placing sensors close to heavy duty motors (lift motors, aircon duct systems or heavy-duty fans) that may cause the ceiling to vibrate.