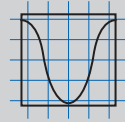


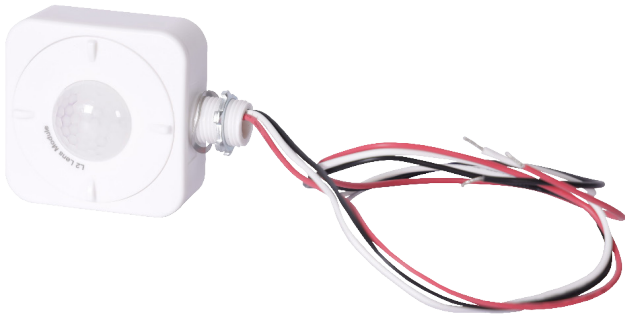
CD-IR-HB

INFRA-RED FIXTURE INTEGRATED FOR HIGH BAY LIGHT


COSINE DEVELOPMENTS
 LEADERS IN LIGHTING TECHNOLOGY

OVERVIEW:

- > Detection radius range of up to 9m
- > 1200W Rated Load
- > 30 minutes maximum time setting
- > DIP switch settings
- > 2 year warranty



PRODUCT DESCRIPTION:

The product is a new energy-saving switch, it adopts good sensitivity detector, integrated circuit and SMT. It gathers automatism, convenient safe, energy-saving and practical functions. It utilises the infra-red energy from humans as control-signal source, it can start the load at once when one enters detection field.

SPECIFICATIONS	
Humidity	Max 95% RH
Light Control	10 - 300 Lux (adjustable)
Maximum Load (-40°C ~ +75°C)	Resistive Load = 1200W Electronic Ballast = 800W
PIR Len L1	9m @ 7m height / 360
PIR Len L2	9m @ 12m height / 360
Power Supply	120/277 Vac 50/60Hz
Temperature	-40°C ~ +75°C
Time Setting	220-240V

INSTALLATION GUIDE:

- > Install sensors within their mounting height rating. This will ensure that the sensor function is at its full potential.
- > Due to sensitivity to heat, it is sensitive to rapid change in temperature within detection range. Avoid mounting the sensor near any heating or cooling systems. The recommended distance from HVAC systems is 1.5m.
- > There must be no obstructions from the sensor to the occupants as the sensor is a line-of-sight device.
- > Blind spots- the further the distance the larger the blind spot which will be less sensitive to small movements. Keep sensor as close to the desired sensor zone and use more sensor to cover the area efficiently.
- > Less sensitivity in hotter environments which may affect detection.
- > High levels of vibration may cause false triggering. Avoid placing sensors close to heavy duty motors that may cause the ceiling to vibrate.