

# CL-1816

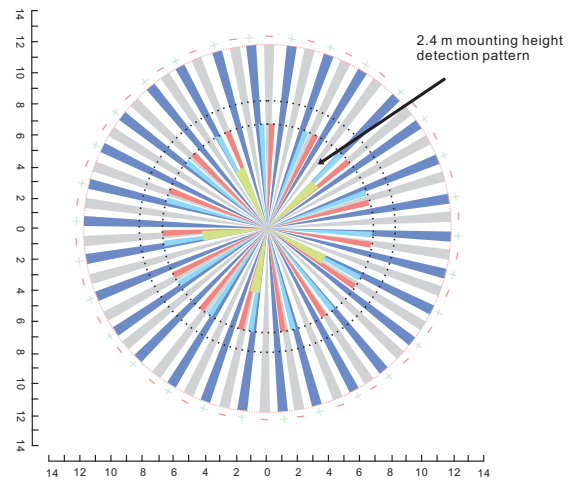
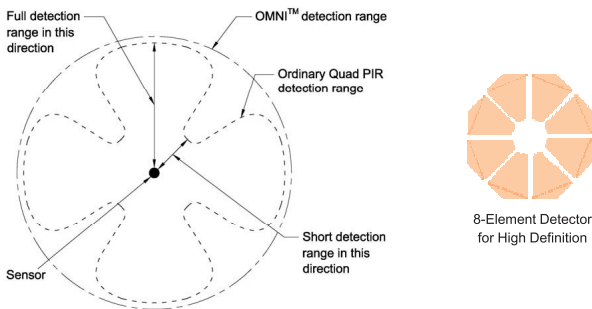
## Indoor all-in-one ceiling mount passive infrared motion detector



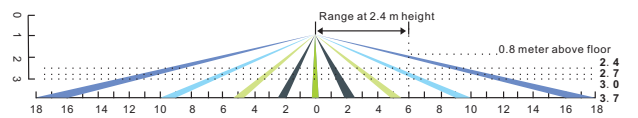
### Product Features

- **QUAD+™\*\* 8-Element IR Detector** and patent-pending DSP detection work together for reliable detection within a 16-meter diameter.
- Tightly-mated bug guard to protect the sensor optics from insects, spiders and dust
- Wide operating temperature range (-40°C to + 55°C)
- Microcontroller temperature analysis for best summertime detection
- Sunset sensor to enable lighting only when ambient light is low
- 16A relay output to control external contactors
- Adjustable 5s-30m setting for relay “ON” time
- Three-Stage White Light Protection
- Spring clips for mounting in drop ceiling

### Optical View Pattern



Top View



Side View

### Specifications

Detection Range	Installation height	Detector coverage		
	2.4m	16m diameter		
Power Supply	Voltage	Current		
	85-265V AC			
Relay	Dual-contact, high-inrush, 250V, 16A			
Height Range	2. 3-4m			
RF Immunity	20V/m10-1000MHZ; 10V/m1000-2000MHZ			
Temperature	Range at -40 C to +55 C			
Approvals	UL, CE CCC(Pending)			
Housing	High-impact ABS			
Dimensions	73 X 128mm(Diameter X Height)			
Optical fields-of-view	Long Range	Mid Range	Short Range	Look-down
	240(60)	60(30)	20	24