

LIGHTING CONTROLS

SENSOR SWITCH HIGH BAY LINE VOLTAGE OCCUPANCY SENSORS CMRB SERIES



DESCRIPTION

The **Sensor Switch CMRB Series** is a fixture mounted, high bay, line voltage occupancy sensor. The **CMRB 6** provides Passive Infrared (PIR) occupancy detection over a 15-30 ft (4.57-9.1m) radial coverage pattern that overlaps the areas lit by a typical high bay fixture when mounted at 15 to 45 ft (4.57 to 13.72m) heights. The **CMRB 50 Series** High Bay Aisleway occupancy sensor provides bi-directional detection extending 50 ft (15.24m) in either direction when mounted at height of 40 ft (12.19m).

FEATURES

- 100% digital PIR detection with excellent RF immunity
- Self-contained relay, no power pack needed
- No minimum load requirements
- Compatible w/electronic & magnetic ballasts, CFLs, LED, & incandescents
- Interchangeable hot & load wires, impossible to wire Backwards
- Push-button programmable
- Non-volatile settings memory
- Adjustable time delays
- No field calibration or sensitivity adjustments required
- Convenient test mode
- 100 hr lamp burn-in timer
- Green LED indicator



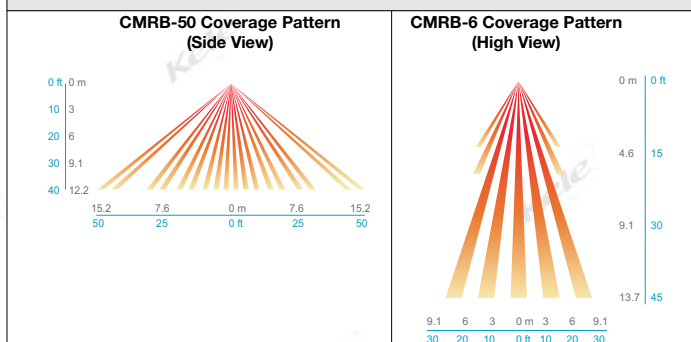
CMRB-50



CMRB-6



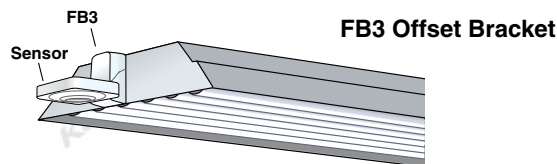
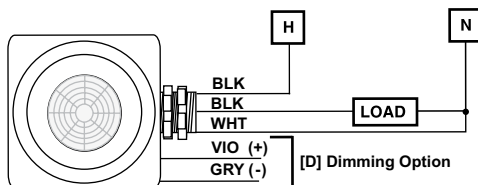
COVERAGE PATTERNS



SPECIFICATIONS

Supply Voltage	120/277 VAC @800/1200 W	OFF Delay Time (TD)	9 settings from 30 seconds to 20 minutes
Relay Output	Motion initiated (Int.) Relay SPST, 6.6A Load 120/277VAC, @800/1200W, 1/4hp	Indication	Green LED for set-up
Technology	Infra-Red (IR) w/ Fresnel lens	Mounting	1/2" MNPT Thread FB3 bracket for offset below lamps
Occupied Mode (Occ)	Occ.-Auto ON w/ Either technologies w/TD OFF	Color	White
Special Features	Dimming, Photocell & 347V versions available	Operating Temperature	14° to 160°F (-10° to 71°C), Opt. -40° F/C
Approximate Coverage Pattern	Sensor in middle, 360°Omni or Thin Isle way directional	Operating Humidity	20 to 90% non-condensing
CMRB-6	Ceiling Omni @ 15' H, 20' dia circle	Wiring	3 or 5 wire, 36" Pig tails (see wiring)
CMRB-6	Ceiling Omni @ 45' H, 30' dia circle	Enclosure Rating	Indoor, no rating
CMRB-50	Ceiling Isle @ 40' H x 14' W x 100', 10° angle	Dimensions	3.63"H x 3.63"W x 1.50"D (9.22 x 9.22 x 3.81 cm)
CMRB-50	Ceiling Isle @ 15' H x 14' W x 32', 10° angle	Weight	0.38 lb (0.17 Kg)
Sensitivity	None required	Approvals	UL File #E167435, RoHs
Override	None	Warranty	5 year limited

WIRING



ORDERING INFORMATION

MODEL	DESCRIPTION
CMRB-50	High Bay Aisleway Sensor-Fixture Mount Line Voltage, PIR
CMRB-50-KIT	High Bay Aisleway Sensor-Fixture Mount Line Voltage, with FB3 BRACKET
CMRB-6	High Bay 360 Sensor-Fixture Mount, Line Voltage, PIR
CMRB-6-KIT	High Bay 360 Sensor-Fixture Mount, Line Voltage, with FB3 BRACKET

NOTE: Call Kele for models with low voltage relay, photocell, dimming, and low temperature options.

FB3	ACCESSORIES
	Snap-in Fixture Mount Bracket