Project: Type: Date: Notes:

RAB DESIGN

CONTROLLED

Microwave Magnetic Sensor

MW20P-RCM-D1

OVERVIEW

The ControlLED lowbay Microwave sensor offers reliable and wireless controls in lowbay applications. It ensures fast and easy installation using magnet and commissioning using the RC-500 Motion Sensor Remote Control.



FEATURES

- Microwave motion and daylight harvest sensor
- Remote control for efficient use
- Easy wireless installation with magnet
- 0-10V dimming capabilities

SPECIFICATIONS

Input Voltage	12VDC
Input Current	40mA Max.
Input Power	0.5W
Output Current	10mA Max. Sinking Current
Output Power	0.1W
Dimming	Class 2, 0-10VDC
Housing Material	Polycarbonate (UL 94-5VA)
Housing Finish	White
Detection Range	45ft Max.
Mounting Height	20ft Max.
Indoor/Outdoor Use	Indoor Use Only
Operating Temperature	-30°C to 55°C (-22°F to 131°F)
IP Rating	IP20

INSTALLATION

1) Place the sensor on the metallic surface facing towards the direction of motion sensing.
2) Connect the sensor with the driver using the quick connect/disconnect, as per the wiring diagram shown on page 2.
3) Program the sensor with the desired settings using the remote control.

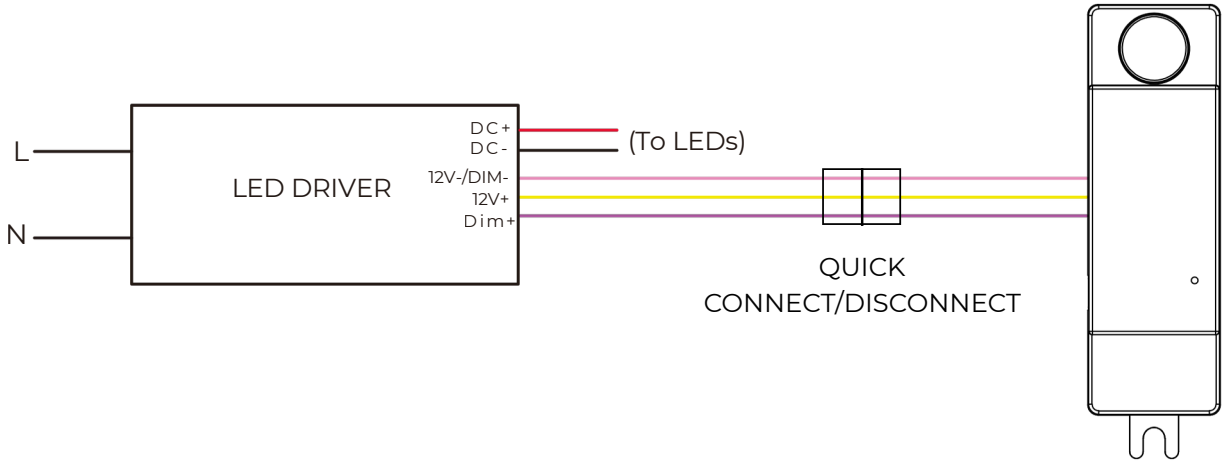
DEFAULT SETTINGS

Motion Sensor	On
Mode	Occupancy
High End Trim	100%
Sensitivity	High
Hold Time (T1)	5 min
Standby Dim	30%
Standby Time (T2)	60 min
Daylight Harvest	Off

STOCK CODES

085011	MW20P-RCM-D1
083789	CONTROLLED RC-500 MOTION SENSOR REMOTE CONTROL

WIRING DIAGRAM



DIMENSIONS

