Cyrus AM

AC Powered Wireless Microwave Motion & Light Sensor

lumos CONTROLS A WISILICA BRAND

INSTALLATION AND QUICK START SHEET

WARNING AND GUIDELINES!!!

Read and follow all safety instructions!!

DO NOT INSTALL DAMAGED PRODUCT! This product has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.

WARNING : TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE WIRING

WARNING: Risk of Product Damage

- Electrostatic Discharge (ESD): ESD can damage product(s). Personal grounding equipment should be worn during all installation or servicing of the unit
- Do not stretch or use cable sets that are too short or are of insufficient length
- Do not modify the product
- Do not mount near gas or electric heater
- Do not change or alter internal wiring or installation circuitry
- Do not use product for anything other than its intended use

WARNING - Risk of Electric Shock

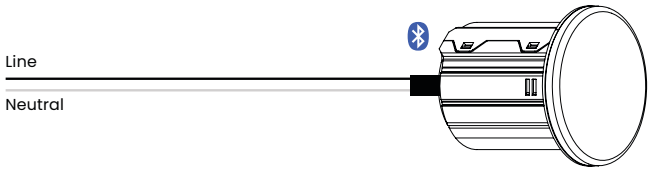
- Verify that supply voltage is correct by comparing it with the product information
- Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements
- All wiring connections should be capped with UL approved recognized wire connectors
- All unused wiring must be capped

Do's	Dont's
Installation should be performed by a qualified electrician	Don't use outdoors
Installation shall be in accordance with all applicable local and NEC codes	Avoid input voltage exceeding maximum rating
Turn the power OFF at circuit breakers before wiring	Don't disassemble the products
Observe the correct polarity of output terminal	-

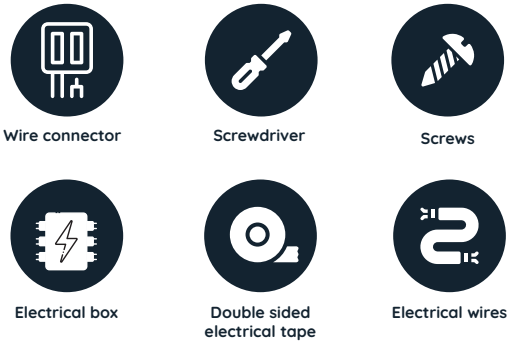
Specifications	Value	Remarks
Input voltage	90–277VAC	Rated input voltage
Input current	9mA@230VAC 15mA@90VAC	_
Inrush current	4A	_
Surge rating	4kV	_
Operating temperature	0–80°C (32 to 176°F)	_
Dimensions (Excludes accessories)	2.3 X 2.5in (59.8 X 63.1mm)	Diameter x Height
Net weight (Excludes accessories)	85g (3.0oz)	In grams
Case temperature	70°C (158°F)	_
Case material	ABS Plastic	White
Dimensions (Ceiling mount accessories) WMAM-CMK	3.53 x 2.62in (89.7 x 66.8mm)	Diameter x Height
Dimensions (Surface mount accessories) WMAM-SMK	4.32 x 2.80in (109.8 x 71.2mm)	Diameter x Height

PRODUCT OVERVIEW

Cyrus AM is a BLE5.2 controllable high bay Microwave motion and daylight sensor. This sensor operates on a 90-277VAC input voltage range adopts a 5.8GHz Microwave sensing technology for accurate motion detection. It can be mounted at a maximum height of 12m(39.4ft) and provides a maximum detection range of 17m(55.8ft) diameter. The sensor can be mounted to the ceiling or at the surface using ceiling or surface mount accessories. It can be quickly commissioned, configured, and controlled from any mobile device and can be connected to Lumos Controls cloud for data analytics and configuration management



REQUIRED TOOLS & SUPPLIES



INSTALLATION INSTRUCTIONS

Wiring the sensor

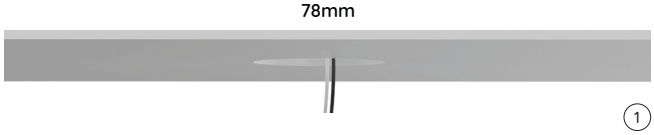
- Turn off the power before wiring and installing the device
- Power the sensor by connecting the AC Line and Neutral wires from the mains supply to the Line (Black color), and Neutral (White color) from the sensor.

CEILING MOUNT

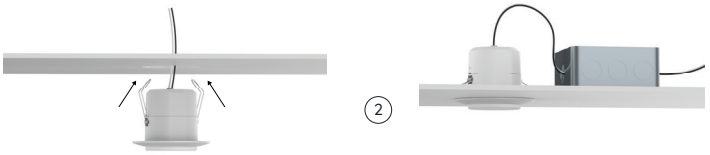
Mounting sensor on false ceiling

Ceiling mount: Sensor can be installed in the false ceiling using the flush mounted accessory, such as the clips, as given in the steps below

1. Make a hole of 78mm diameter in the false ceiling where the sensor is to be installed and take out the main supply wires



2. Connect the Line (Black) and Neutral (White) wires from the device with the external mains supply wires using wire connectors and terminate the same inside the junction box.



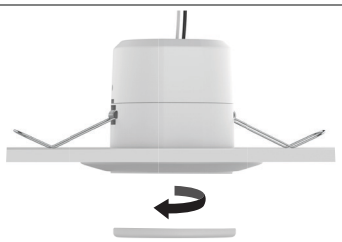
3. Press and hold the spring clips (on both sides of the device) and insert the sensor into the mounting hole. Release the spring clips so that the sensor will fit in and remain intact.

Note

To remove the sensor from the ceiling, hold and pull the sensor down

Removing Lens

Rotate the lens clockwise to connect to the case and rotate anti-clockwise to dismantle from the case



Rotate the lens clockwise to connect to the case

SURFACE MOUNT

Mounting sensor on false ceiling

1. Position the sensor mounting base to fix and take out the mains wire through the hole given at the mounting base.

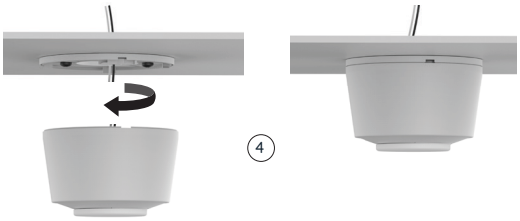
2. Mount the base on the selected position using screws

Head: CSK Slotted

Length	Head Diameter	Screw Diameter
38mm	8.3mm	3.7mm

3. To power the sensor, connect the AC Line and Neutral wires from the mains supply to the sensor Line (Black) and Neutral (White) wires using wire connector. Terminate the wires within the sensor mount.

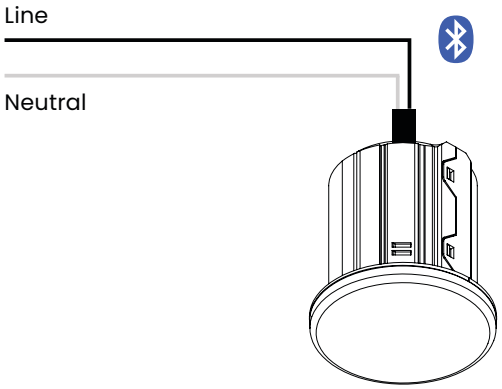
4. Connect the sensor unit case with the Mount base (that is already fixed in step 2) by rotating the case clockwise.



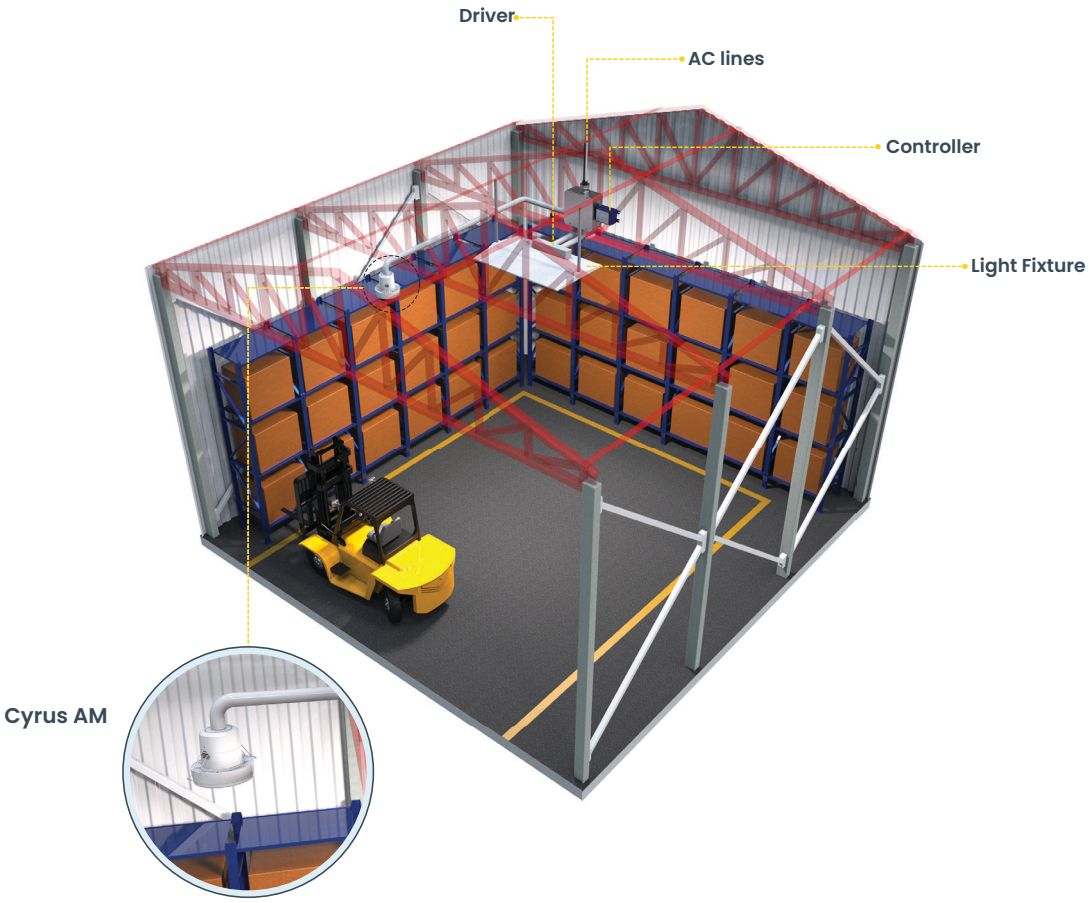
Note

To remove the sensor unit case from the mount base, apply pressure towards ceiling and rotate the sensor case anti-clockwise.

WIRING DIAGRAM



APPLICATION



TROUBLESHOOTING

Lights are not responding to Motion	• Check whether the Sensor is powered ON • Check whether the Sensor association configured in the Group is correct
Lights are not responding to Daylight	• Check whether the Sensor is powered ON • Check whether the Sensor association configured in the Group is correct • Check whether the Daylight Sensor Settings (for the Sensor displayed under Devices tab) configured is correct

WARRANTY

5-year limited warranty
Please find warranty terms and conditions
Note: Specifications may change without notice
Actual performance can vary due to end-user environment and application

COMMISSIONING

Once powered up, the device will be ready to be commissioned via the Lumos Controls mobile app, available for free download on iOS and Android. To begin commissioning, click the '+' icon from the top of the 'Devices' tab. The app allows you to preset certain configurations which will be loaded after the device is added. The pre-configurations made using 'Commissioning Settings' will be sent to the devices being commissioned.

Once commissioned, the device will be displayed in the 'Devices' tab and you can configure Sensitivity from the device settings.

Please visit Help center for more details

LUMOS CONTROLS APPLICATION

Download the **'Lumos Controls'** application from Play Store or App Store

OR

Scan the QR codes to download the **'Lumos Controls'** application

Google play

Download on the App Store

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ISO/IEC 27001:2013 Information security certified

20321 Lake Forest Dr D6,
Lake Forest, CA 92630

www.lumoscontrols.com
+1 949-397-9330

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