



AMTRIC LABS

Advanced Detection.
Smarter Spaces.

MICROWAVE RADAR MOTION SENSOR

Turn your
— *dumb light*
into a *Smart light.*



AUTOMATIC
ON/OFF



SAVE UP TO

₹**120**
/ MONTH



24-HOUR DAILY
RUNNING LED TUBE



MRP :
₹**499**

WHERE CAN YOU USE IT?



RESIDENTIAL



Bathroom



Kitchen



Balcony



Storeroom



COMMERCIAL



Office Workstation



Conference Room



Warehouse



Lobby



COMMON AREAS



Corridor



Staircase



Lift



Parking Area



For Orders & Enquiries

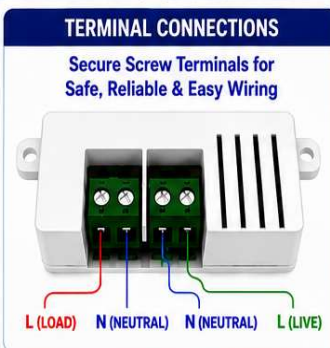
WhatsApp : **9987121223**

MICROWAVE RADAR MOTION SENSOR

Advanced Detection. Smarter Spaces.



SPECIFICATION		
	Recommended Operating Voltage	220V - 240V AC
	Max Load Capacity	100 Watts
	Type	Motion Sensor
	Range	4m Radially (with installation height 3m)
	Installation Height	3m (Recommended)
	Product Power Consumption	1 < Watt



TERMINAL DETAILS		
TERMINAL	FUNCTION	DESCRIPTION
L' (LOAD)	Switched Live Output	Connect to load (tubelight) terminal. Max - 100W.
N (NEUTRAL)	AC Neutral Input	Neutral junction 220-240V AC 50 Hz.
N (NEUTRAL)	AC Neutral Input/Common	Neutral junction 220-240V AC 50 Hz.
L (LIVE)	AC Live Input	Live junction input 220-240V AC.

INSTALLATION & OPERATING INSTRUCTIONS	
	AVOID METAL ENCLOSURES: Do not install inside enclosed metal lamps/box/metal sheets. Make sure the product doesn't fuse with metal sheets for reliable operation.
	AVOID MOVING OBJECTS: Keep away from fans, running machinery, flowing water pipes, and other moving objects.



360° DETECTION
Detects movement in all directions



HIGH SENSITIVITY
Accurate detection every time



MICROWAVE RADAR TECHNOLOGY
Reliable detection in tough conditions



FUSE & SURGE PROTECTION
Built-in protection for safe & durable operation



RELIABLE PERFORMANCE
Consistent & stable detection in all conditions

Microwave Radar Motion Sensor

Advanced Detection. Smarter Spaces.



 **SAVE UP TO 91% ELECTRICITY**

- ✓ Automatically switches ON only when motion is detected
- ✓ Reduces unnecessary power consumption
- ✓ Ideal for parking areas, corridors & staircases

REAL SAVINGS. EVERY MONTH.

Example Calculation (20W LED)

Assumptions: 50 detections/day, 35-second ON time

NORMAL WORKING

20W LED running 24x7



Energy Consumption
14.40 kWh
per month

WITH OUR PRODUCT

Only when motion detected



Load Energy (20W LED) **0.338 kWh**



Sensor Standby Energy **1.224 kWh**

Total Energy per month **1.562 kWh**



NET ENERGY SAVED

12.84 kWh
per month

ENERGY SAVING

≈ 91%
EVERY MONTH

*Based on 20W LED, 50 detections/day, 35-second ON time.



Detects Vehicles



Detects Humans



360° Coverage



Energy Efficient



Easy Installation



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