TATA POWER
EZ HOME

TATA

SENSING
A SMARTER WORLD

A range of sensors automating homes and offices

TATA POWER
EZ HOME

INTRODUCING
SMART ENERGY-SAVING SOLUTIONS

Sensor lighting solutions are not just for the future, but they are what we have to offer for smart homes and businesses today. Everyday life, whether at home or work, can be made simpler and more convenient through our smart energy-saving solutions.

So, keeping an inevitable and impending energy crisis in mind, let us move towards sensing a smarter world.

MOTION SENSORS

Microwave and Passive Infrared Sensors

Cutting down on your electricity bill through motion sensors.

SENSOR LIGHTING SOLUTIONS

LED Tubelights, Streetlights, and Panel Lights

The smart choice to automate your home and business.

LUX SENSORS

Outdoor Light Sensors

An intelligent lighting solution unaffected by ambient temperature, so perfect for the outdoors.

MICROWAVE MOTION SENSOR

THINK SMART, THINK NOW.

The microwave sensor is here not only to make life simple for you. It is here to make way for a smart home... right now!

Do you realize the cost and energy wasted daily, with lights and fans left unattended, even when you are not in the room? Surely, this happens time and again.

With the microwave sensor experience complete comfort and convenience. As you move around your space; you don't have to do a thing to switch on a light.

AREAS OF APPLICATION

Microwave Motion Sensors can be used for a wide variety of applications in residential, as well as, commercial locations like hotels, hospitals, offices, malls, industrial warehouses, manufacturing facilities, airports, bus and railway stations.

❄ Cold storages	🔥 Fire Exits	Ⓟ Parking areas	🛏 Lobbies and Passages
⬍ Lifts	🚿 Washrooms	Underpass	🛒 Store rooms

BENEFITS OF USING MICROWAVE MOTION SENSORS

- Highly cost-effective
- Wide coverage
- Saves energy upto 80%
- Stable performance at -20 - 55°C

- Activated by minimum motion & speed
- Detecting motion through plastic, glass, false ceilings & thin non-metal materials

SN-MW765# (Wall Mounted - 180⁰ Detection)

Rated Load: 1200W (incandescent), 300W(LED)	**IP Rating:** IP65
Install Height: 1.5-3.5m	**Detection Range:** 8m
Time Delay: 10sec-12min	**LUX:** 3-2000

SN-MW753 (Flush Mounted - 360⁰ Detection)

Rated Load: 1200W (incandescent), 300W(LED)	**IP Rating:** IP20
Install Height: 1.5-3.5m	**Detection Range:** 8m
Time Delay: 10sec-12min	**LUX:** 3-2000

SN-MW759# (Highbay Center 360⁰ with 1-10v Dimming)

Rated Load: 1200W (incandescent), 300W(LED)	**IP Rating:** IP65
Install Height: 4-15m	**Detection Range:** 10m
Time Delay: 5sec-30min	**LUX:** 2-2000
Stand by Dim Level: 10-50%	**Stand by Period:** 0s -∞

WARRANTY OF 2 YEARS ON PRODUCT RANGE   #THE PRODUCTS ARE AVAILABLE ON AN ORDER BASIS WITH A MINIMUM ORDER QUANTITY

*T&C apply

PIR MOTION SENSOR

SMARTER TODAY THAN EVER BEFORE.

When you want to see a drop in your electricity bill but do not want to spend a bomb to achieve that, what do you do?

If you have a compact space to make smarter today, this is it – the PIR motion sensor. These sensors are low-cost and energy-saving, making them the smart choice to automate your home and business.

Trust the PIR Motion sensor to detect motion reliably by day or night, at home or work.

AREAS OF APPLICATION

PIR Motion Sensors can be used for a wide variety of applications at residential, as well as, commercial locations like complexes, malls, hotels, hostels, PG accommodation, offices and warehouses. They can be used for:

- Hospitals / Clinics
- Transport: Railways / Airport / Bus Stand
- Storage Rooms
- Conference Rooms
- Institutes/ Schools / Colleges / Universities
- Washrooms

BENEFITS OF USING PIR MOTION SENSORS

- Highly cost-effective
- Perfect for compact premises
- Saves energy
- Reliably detects motion under controlled temperature
- Unwanted area of detection can be masked
- Detecting motion reliably during the day, as well as night

SN-PR 05B (Ceiling Mount)

Rated Load: 1200W (incandescent), 300W(LED)

Install Height: 2.2-4m

Time Delay: 10sec-15min

IP Rating: IP20

Detection Range: 12m

LUX: 3-2000

SN-PR 46A# (Ceiling Mount - 360 Deg 20mx4m Detection)

Rated Load: 2000W (incandescent), 1000W(LED)

Install Height: 2.2-6m

Time Delay: 10sec-30min

IP Rating: IP20

Detection Range: upto 14mx20m

LUX: 3-2000

SN-PR 46B (Ceiling Mount - 360 Deg 20mx4m Detection)

Rated Load: 2000W (incandescent), 1000W(LED)

Install Height: 2.2-6m

Time Delay: 10sec-30min

IP Rating: IP20

Detection Range: 8m

LUX: 3-2000

WARRANTY OF 2 YEARS ON PRODUCT RANGE   #THE PRODUCTS ARE AVAILABLE ON AN ORDER BASIS WITH A MINIMUM ORDER QUANTITY

*T&C apply

SENSOR LIGHTING SOLUTIONS

WHEREVER YOU GO, LET IT BE LIT.
AND WHERE YOU DON'T... SAVE ENERGY!

Intelligent lighting solutions for smart homes and businesses, not just for a better tomorrow, but for a better today.

When you are in the detection field of the sensor, they glow and illuminate the wardrobe, lobby staircase, parking areas, etc. So wherever you go the world is lit, but what about when you aren't around?

Energy-efficient and cost-effective, these smart lighting solutions ensure that not a single unit of energy is wasted, even when you are not at home or work.

AREAS OF APPLICATION

Sensor Lighting Solutions can be used for a wide variety of commercial & residential purposes.

- Lifts
- Parking Areas
- Manufacturing facilities
- Underpass
- Lobby and Passages

BENEFITS OF USING SENSOR LIGHTS

- Saves energy up to 80%
- Helps in reducing the electricity bill*
- Simple & easy to install
- Automatically dimming to 20% when no motion is detected

TULIP SQ/R (ON/OFF FOR DIMMABLE FEATURE)

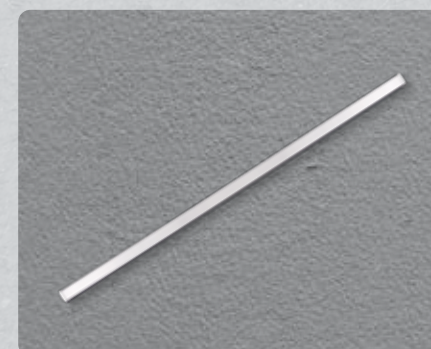Smart lights for parking areas, staircases and corridors.

Colour Temperature: 6500K, 4000K & 3000K

Rated Power: 18W/12W (on full brightness) which dims to 3.6W/2.4W

Lifetime: 35000+ Hrs

Fitting Mounted: Surface Mounted

Install Height: 3.5m

Detection Range: 8m

TULIP - FLUSH MOUNT#

Smart lights for staircases, corridors, offices and hotels.

Colour Temperature: 6500K, 4000K & 3000K

Rated Power: 18W/12W (on full brightness) which dims to 3.6W/2.4W

Lifetime: 35000+ Hrs

Fitting Mounted: Flush Mount

Install Height: 3.5m

Detection Range: 8m

T5 & T8

Smart lights for parking areas, staircases and corridors.

Colour Temperature: 6500K, 4000K & 3000K

Rated Power: 18W/12W (on full brightness) which dims to 3.6W/2.4W

Lifetime: 35000+ Hrs

Fitting Mounted: Surface Mounted

Install Height: 3.5m

Detection Range: 8m

SCSL LIGHTS#

Smart Street Light for industries and townships.

Rated Power: 50W (on full brightness) which dims to 10W

Time Delay: 10sec-10min

Stand by Dim Level: 20%

IP RATING: IP65

Detection Range: 8m

WARRANTY OF 2 YEARS ON PRODUCT RANGE   #THE PRODUCTS ARE AVAILABLE ON AN ORDER BASIS WITH A MINIMUM ORDER QUANTITY

*T&C apply

LUX SENSOR

SAVING ENERGY OUTDOORS.

What is a smart alternative for outdoor lighting? Reduce energy consumption in your outdoor spaces and gardens with Lux sensors. Get street-smart.

Smart Light control can turn lights on or off according to ambient light.

This intelligent lighting solution is not affected by ambient temperature and humidity hence it is perfect for the outdoors. It is not only convenient but energy-efficient and practical as well.

AREAS OF APPLICATION

Lux Sensors can be used for a wide variety of outdoor applications at commercial locations.

- Townships
- Industrial streetlights and floodlights
- Signage boards
- Garden lights
- Street Light under Nagar Nigam Yojana

BENEFITS OF USING LIGHT CONTROL SENSORS

- Saves energy
- Low power consumption
- Automatically switches on/off based on natural light
- More efficient than timer devices

SN-PC302# LIGHT CONTROL

Smart Light Control can turn on or turn off automatically according to ambient light. Ambient temperature and humidity cannot affect it. It is not only convenient, but also practical; it can control the load by working only at night. Applications - road light, garden light.

Rated Current: 10A

Ambient Light: <2-50 LUX

IP Rating: IP44

WARRANTY OF 2 YEARS ON PRODUCT RANGE
#THE PRODUCT IS AVAILABLE ON AN ORDER BASIS WITH A MINIMUM ORDER QUANTITY

*T&C apply

MEANING OF SYMBOLS

ENERGY SAVING
Save energy automatically by turning lights on/off/dim/bright as needed

IP RATING
They are used to define levels of sealing effectiveness of electrical enclosures against intrusion from foreign bodies (tools, dirt etc) and moisture

AUTOMATIC ON AND OFF FEATURE

LIFETIME
Life expectancy of a product

LUX
Lux is a unit used to measure the intensity of light hitting a surface, typically a wall or floor in a lighting design

DETECTION
Detection distance of sensor

TiME DELAY
Time delay determines for how long the output of the sensor will remain high after motion detection

DIMMABLE
Dims down automatically when no motion is detected