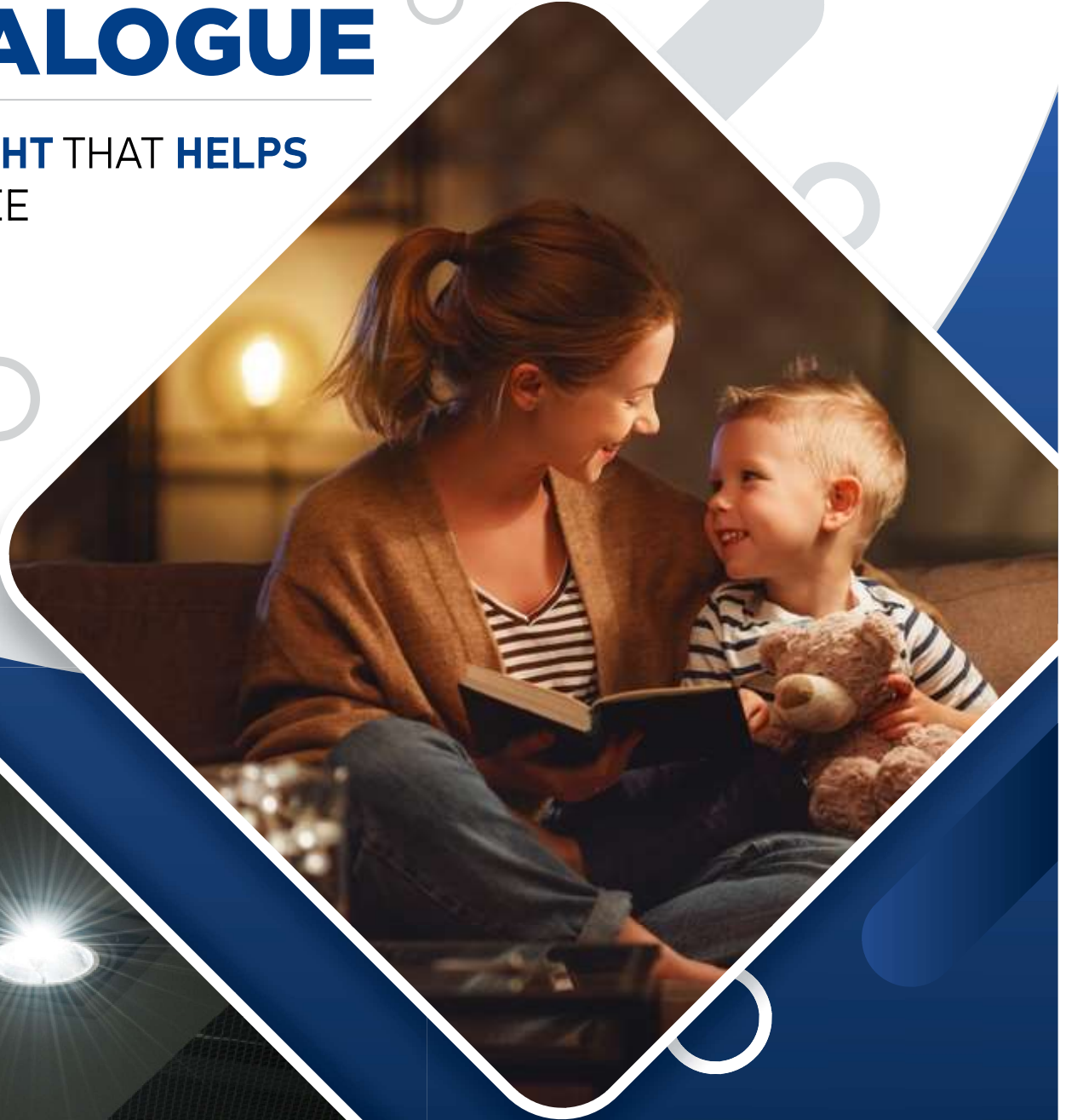


LedGeo

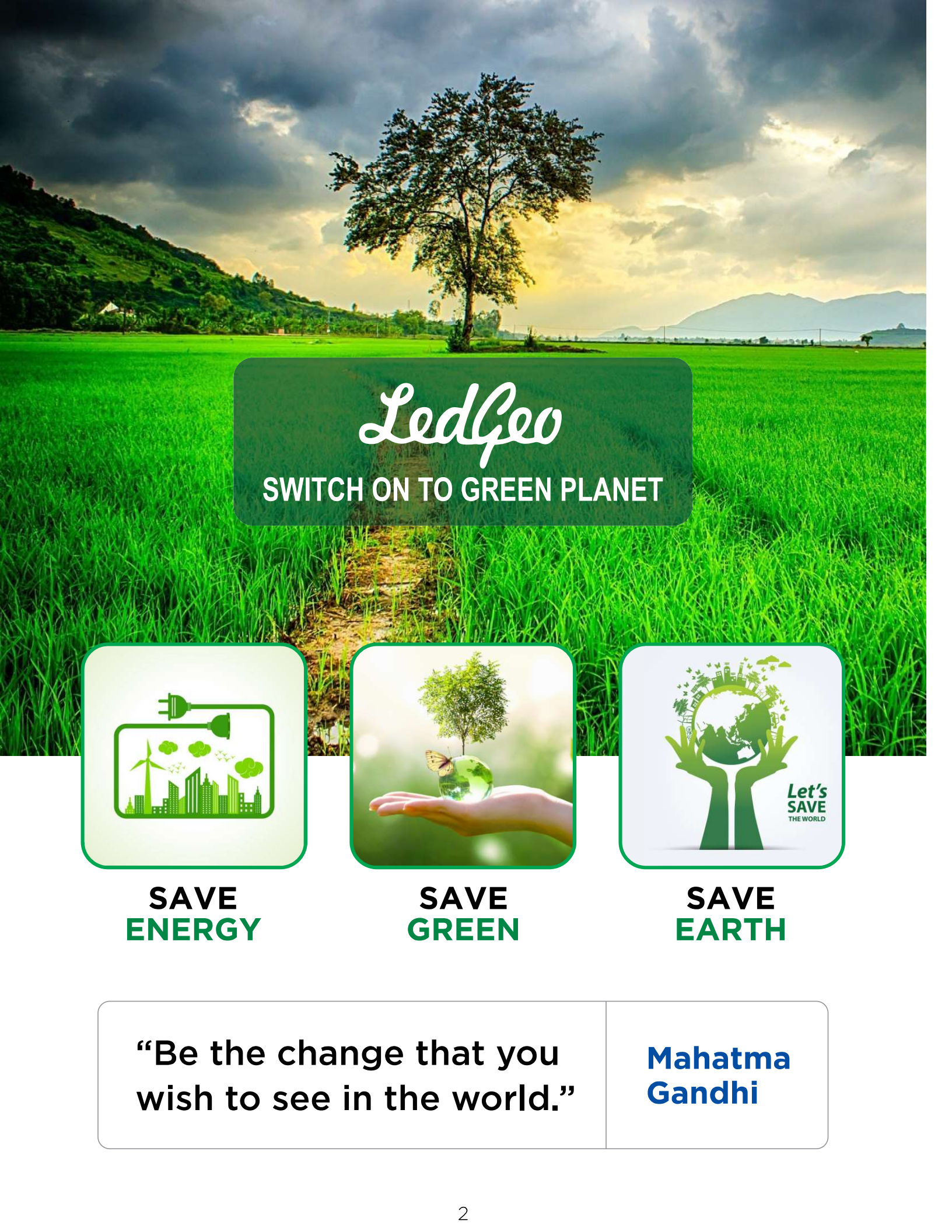
SWITCH ON TO GREEN PLANET

PRODUCT CATALOGUE

BE THE **LIGHT** THAT **HELPS**
OTHERS SEE



LED 2023



LedGeo

SWITCH ON TO GREEN PLANET



**SAVE
ENERGY**



**SAVE
GREEN**



**SAVE
EARTH**

**“Be the change that you
wish to see in the world.”**

**Mahatma
Gandhi**

COMPANY PROFILE:

One of the leading LED Lights manufacturers in South India established towards the initiation for SAVE ENERGY, SAVE GREEN and SAVE EARTH strategy in 2011 at Puducherry by the Well Experienced Professionals who leads the EPC Projects and Plastic Industries for more than 25 years in South India with the turnover of 125 Crores per annum, now the factory spread over the area of 40000 Sq.Ft. Ledgeo is an ISO 9001:2015 certified company involved in manufacturing of LED lights over a decade. It has the facilities to produce all LED lights in house to support Make in India. Under the leadership of experts, it manufactures lights with superior quality to make the customer satisfied. All our products are being manufactured in accordance to compliance with IS/IEC Standards. Our strength is to make the CUSTOMIZED LED LIGHTS for the special applications like Pharma Industry, High Thermal producing chemical industries and showrooms operating for 24x7 according to the customer requirements. We, the first LED manufacturer in Puducherry with all facilities inhouse like Research & Development, Design, Production, Quality inspection and Testing. Our products are being supplied to the market after the stringent quality checking. Aiming at consistent growth with simultaneous technological upgradation and developments, to fulfil the customer's need time to time, we have set up a fully equipped Research and Development Centre headed by well qualified & experienced Engineers. We have a highly competent technical team who can understand the customer requirements and assist the customer to select the right LED Lights which will exactly match with their expectations. We keep on innovate new ideas and implements in our products. We offer Comprehensive lighting solutions by keeping the energy saving and utilization methods in our mind. Our moto is SWITCH ON TO GREEN PLANET

Our Product Ranges in LED Lights:

- Domestic: Bulbs, Tube Lights, Spot Lights, Panels Lights, Street Lights and Flood Lights
- Commercial: High Bay Lights, High Mast Lights, Industrial Lights, Architectural Lights.
- Green Earth: All in One Solar Lights

Features of our LED Lights:

- High Efficiency at Low power consumption
- Robust design
- Long Life
- Real Energy Saver – Reduces Electricity Bill
- IP65 Protection in Outdoor lights
- Compliance with BIS/IEC/BEE Standards

Certifications & Accreditations:

- ISO 9001:2015
- Bureau of Indian Standards (BIS)
- Quality System (TUV)
- The National Small Industries Corporation Limited (NSIC)
- Underwriter Laboratories (UL)
- Institute of Testing and Certification India Pvt Ltd (ITC).

[illegible]



राष्ट्रीय लघु उद्योग निगम लिमिटेड
THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED
 (A Government of India Enterprise)

Branch Office : Admin. Block, Sector 10, Industrial Park, Panchsheel Park, Post Office 605007
Ph: (0412)-248701
Email : topan@nsic.co.in

Fax: (0412)-248340
Website : www.nsic.co.in

STORE DETAILS

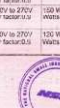
Renewal Certificate (Valid From 31/12/2002 to 31/12/1000)

ANNEXURE TO GOVERNMENT PURCHASES INVENTORY CERTIFICATE
 NO. NSIC-SAP-04/2002-03, D.T. 01/01/2002, Panchsheel Park, Post Office 605007
 ISSUED TO **MR. LED-GST LIGHTS PVT. LTD., PONDICHERRY**

Sl. No.	Store(s)/ Service(s) Name	Specifications	Quantitative Capacity	Quantitative Capacity Facts	Remarks
1	SOLAR STREET LIGHT	Input supply 12 to 24V DC RMC supply 12 to 24V DC	34 to 72 Watts 3 to 12 Watts	25500 Nos. 100000 Nos.	NI
2	AVIATION LIGHTS	Input supply: 100V to 250V 200 W. Power Factor 0.9	3 to 25 Watts	10000 Nos.	NI
4	LED WELD GLASS FIXTURE	Input supply: 100V to 250V 60 W. Power Factor 0.9	30W to 72 Watts	15000 Nos.	NI
5	LED SURFACE	Input supply: 100V to 250V 60 W. Power Factor 0.9	3 W to 30 Watts	75000 Nos.	NI
6	COB DOWN LIGHT	Input supply: 100V to 250V 60 W. Power Factor 0.9	3 W to 30 Watts	80000 Nos.	NI
7	LED LUMINARIES FOR 1/2m DAY LIGHTING	Input supply: 100V to 250V 60 W. Power Factor 0.9	150 W to 300 Watts	20000 Nos.	NI
8	LED LUMINARIES COOL LED EXTENDED TUBE LIGHT	Input supply: 100V to 250V 60 W. Power Factor 0.9	150 W to 300 Watts	10000 Nos.	NI
9	LED LAMP/SLIP-LED 150W	Input supply: 100V to 250V 60 W. Power Factor 0.9	150 W to 300 Watts	10000 Nos.	NI
10	LED LUMINARIES FOR PLAID LIGHT	Input supply: 100V to 250V 60 W. Power Factor 0.9	150 W to 300 Watts	20000 Nos.	NI
11	LED LUMINARIES FOR ROAD AND STREET LIGHTING	Input supply: 100V to 250V 60 W. Power Factor 0.9	150 W to 300 Watts	20000 Nos.	NI

Comments (If any)
(Optional)


N. K. KARTHIKEYAN
 Branch Manager

3 of 3 of the certificate can be checked through the website www.nsic.co.in

POWER SAVINGS GUIDE

LUMINOUS EFFICACY	
lm/W - 105*	
Label Period: 1st Jan 2021-09th June 2023	
Appliance/Type	: LED Lamps
Brand	: LEDGEO
Model / Year	: BL091/00C/2021
Rated Power	: 9 (Watts)
Rated Luminous Flux	: 945 (Lumens)

*Under test conditions, when tested in accordance with BS 16102.
 Actual efficacy will vary as per site conditions.

MANUFACTURING PLANT



LED STREET LIGHT



AVENUE-STREET LIGHT



20W



24W



30W



36W

LUSTER-STREET LIGHT



24W



36W



50W



75W



100W

Product Features:

- UL/BIS approved
- LM 80 Certified LED
- High Quality Optics
- High Color Rendering Index
- Surge Protection Upto 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features:

- Water and Dust Proof (IP 65/ IP 66)
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Roads, Streets, Play Grounds & Parks, Apartments

Description	Specification
Input Supply	220-240V, AC, 50Hz
Power Factor	> 0.95
THD	< 10%
System Efficacy (lm/W)	>110 (As per Request)
Color	Warm, Neutral, Cool White
CCT	2700 to 6500 K
CRI	> 80
IP Protection	IP 65 / IP 66
Housing	Die casting Aluminium
Working Temp (°C)	-10 to +50Deg C
Cover	PC Cover
Mounting	Side Entry

LED INVERTER SERIES



POWER ON-EMERGENCY BULB



Power (W)	10Watts
Input Supply	220V - 240V AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C
THD	< 20%
Power Factor	> 0.95
IP Protection	IP 30
System Efficacy (lm/W)	> 100
Lumens Output	900lm (Normal Mode) 300lm (Emergency Mode)
Backup Hours	4 Hours
Color Code Temperature (K)	2700 to 6500 K
Color	Warm, Neutral, Cool White
CRI	> 80
Housing	Poly carbonate with aluminium
Mounting	B22/E27

EMERGENCY BATTEN



Power (W)	20Watts
Input Supply	220V - 240V AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C
THD	< 20%
Power Factor	> 0.95
IP Protection	IP 40
System Efficacy (lm/W)	> 100
Lumens Output	2000lm (Normal Mode) 600lm (Emergency Mode)
Backup Hours	4 Hours
Color Code Temperature (K)	2700 to 6500 K
Color	Warm, Neutral, Cool White
CRI	> 80
Housing	Poly carbonate
Mounting	Surface / Ceiling Mount

SENSOR BATTEN



Power (W)	20Watts
Input Supply	220V - 240V AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C
THD	< 20%
Power Factor	> 0.95
IP Protection	IP 40
System Efficacy (lm/W)	> 100
Dimming Mode	100% Light output (Normal Mode) 30% Light output (Sensor Mode)
Dimming Time (in Seconds)	15-20 Seconds (Optional)
Color Code Temperature (K)	2700 to 6500 K
Color	Warm, Neutral, Cool White
CRI	> 80
Housing	Poly carbonate
Mounting	Surface / Ceiling Mount

LED FLOOD LIGHT - AGNI



Product Features:

- BIS approved
- LM 80 Certified LED
- High Quality Optics
- High Color Rendering Index
- Surge Protection Upto 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features:

- Water and Dust Proof (IP 65/ IP 66)
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Roads, Streets, Play Grounds & Parks, Apartments

Description	Specification
Input Supply	220-240V, AC, 50Hz
Power Factor	> 0.95
THD	< 10%
System Efficacy (lm/W)	>110 (As per Request)
Color	Warm, Neutral, Cool White
CCT	2700 to 6500 K
CRI	> 80
IP Protection	IP 65 / IP 66
Housing	Die casting Aluminium
Working Temp (°C)	-10 to +50Deg C
Cover	Toughened Glass/ PC Cover
Mounting	Bracket / High Mast Arm

LED BATTENS - CRYSTA

LedGeo

SWITCH ON TO GREEN PLANET

MODELS: ROUND & SQUARE



Product Features:

- BIS approved
- LM 80 Certified LED
- High Quality Optics
- High Color Rendering Index
- Surge Protection UpTo 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features

- Weather & Dust Proof
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Indoor applications like Living home Apartments, Shops, Showrooms

Description	T 5 Batten	T 8 Batten	Industrial
Power (W)	5W to 30 Watts	18W to 36 Watts	36W / 45W
Input Supply	220-240V, AC, 50Hz	220-240V, AC, 50Hz	220-240V, AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C	-10 to +50Deg C	-10 to +50Deg C
THD	< 20%	< 20%	< 20%
Power Factor	> 0.95	> 0.95	> 0.95
IP Protection	IP 30	IP 30	IP 30
Size	2, 4 Feet	2, 4 Feet	4 Feet
Model	Integrated	Integrated / Retrofit	Integrated / Retrofit
System Efficacy (lm/W)	> 110	> 110	> 110
Color Code Temperature (K)	2700 - 6500 K	2700 - 6500 K	2700 - 6500 K
Color	Warm, Neutral, Cool White	Warm, Neutral, Cool White	Warm, Neutral, Cool White
CRI	> 80	> 80	> 80
Housing	Alu Extruded / Thermo Plastic	Alu Extruded / Thermo Plastic	Alu Extruded
Cover	High Quality Diffuser	High Quality Diffuser	High Quality Diffuser
Mounting	Wall Mount	Wall Mount	Wall Mount/Hanging

LED SPOT LIGHTS - MINI MOON



PC: 3W



PC: 7W



AL: 9W

Product Features:

- BIS approved
- LM 80 Certified LED
- High Quality Optics
- High Color Rendering Index
- Surge Protection Upto 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features:

- Dust Proof
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering/No UV Emissions
- Suitable for Living Home, shops, Apartments, Guest house etc.,

Power (W)	3Watts to 9Watts
Input Supply (V)	220-240V, AC, 50Hz
Working Temperature (°C)	-20°C to + 50°C
THD	< 40%
Power Factor	> 0.90
IP Protection	IP 20
System Efficacy (lm/W)	> 100
Color Code Temperature (K)	2700 to 6500 K
Color	Warm, Neutral, White, Red, Blue, Green, Pink
CRI	> 80
Housing	Aluminum Extruded/ Die Cast Model
Mounting	Suspended/ concealed

LED BULBS - ROSHNI & ASURA



ROSHNI-HIGH BEAM BULB



ASURA-HIGH WATTAGE BULB



Product Features:

- BIS & BEE Approved
- LM 80 Certified LED
- High Quality Optics
- High Color Rendering Index
- Surge Protection Upto 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features:

- Weather & Dust proof
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Home, office, rooms, Guest House, Apartments, Shops etc.,

Power (W)	3W to 50 Watts
Input Supply	220-240V, AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C
THD	< 40%
Power Factor	> 0.95
IP Protection	IP 30
System Efficacy (lm/W)	> 100
Color Code Temperature (K)	2700 to 6500 K
Color	Warm, Neutral, Cool White
CRI	> 80
Housing	Aluminum Extruded/ Die Cast Model
Mounting	B22/E27

DECORATIVE SERIES - RANGOLI



RANGOLI 0.5W LED

Colour: Green, Pink, Red, Blue & Yellow

Input Voltage : 220-240V, AC, 50Hz
Input Power : 0.5W Led



COLOUR BULB 6W & 9W

Input Voltage : 220-240V, AC, 50Hz

COLOUR BATTEN 5W, 10W & 22W



LED SLIM PANELS - SQUARO



SLIM PANEL SQUARE



SLIM PANEL ROUND

Product Features:

- BIS Approved
- LM 80 Certified LED
- High Quality Diffuser
- High Color Rendering Index
- Surge Protection UpTo 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features

- Dust & Weather Proof
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Office, Apartments, Hotels, Guest House, etc.,

Description	Slim
Power (W)	3W to 30W
Input Supply	220-240V, AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C
THD	< 10 - 20 % *
Power Factor	> 0.95
IP Protection	IP 20 / IP 30
System Efficacy (lm/W)	> 100
Color Code Temperature (K)	2700 - 6500 K
Color	Warm, Neutral, Cool White
CRI	> 80
Housing	Die Cast Al / CRCA Powder Coated
Cover	High Efficiency Diffuser
Mounting	Recessed / Concealed

LED SURFACE PANELS - SQUARO



SURFACE PANEL ROUND



SURFACE PANEL SQUARE

Product Features:

- BIS Approved
- LM 80 Certified LED
- High Quality Diffuser
- High Color Rendering Index
- Surge Protection UpTo 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features

- Dust & Weather Proof
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Office, Apartments, Hotels, Guest House, etc.,

Description	Surface Mount
Power (W)	8W to 30W
Input Supply	220V - 240V AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C
THD	< 10 - 20 % *
Power Factor	> 0.95
IP Protection	IP 20 / IP 30
System Efficacy (lm/W)	> 100
Color Code Temperature (K)	2700 - 6500 K
Color	Warm, Neutral, Cool White
CRI	> 80
Housing	Die Cast Al / CRCA Powder Coated
Cover	High Efficiency Diffuser
Mounting	Surface / Ceiling

LED DOWNLIGHTS



Product Features:

- BIS Approved
- LM 80 Certified LED
- High Quality Diffuser
- High Color Rendering Index
- Surge Protection UpTo 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features

- Weather & Dust Proof
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Office, Rooms,
Guest House, Restaurant, etc.,

Description	Down Light	COB
Power (W)	3W to 30W	3W to 30W
Input Supply	220-240V, AC, 50Hz	220-240V, AC, 50Hz
Working Temperature (°C)	-20°C to + 50°C	-20°C to + 50°C
THD	< 10 - 20 % *	< 10 - 20 % *
Power Factor	> 0.95	> 0.95
IP Protection	IP 30	IP 30
System Efficacy (lm/W)	> 110	> 110
Color Code Temperature (K)	2700 - 6500 K	2700 - 6500 K
Color	Warm, Neutral, Cool White	Warm, Neutral, Cool White
CRI	> 80	> 80
Housing	Die Cast Al / CRCA Powder Coated	Die Cast Al / CRCA Powder Coated
Cover	High Efficiency Diffuser	High Efficiency Diffuser
Mounting	Recessed / Concealed	Recessed / Concealed

UFO LIGHTS & HIGHBAY LIGHTS



LED Highbay



LED UFO LIGHT

Product Features:

- BIS Approved
- LM 80 Certified LED
- High Quality Optics
- High Color Rendering Index
- Surge Protection Upto 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features:

- Water and Dust Proof (IP 65/ IP 66)
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Roads, Streets, Play Grounds & Parks, Apartments

Description	Specification
Power (W)	50W - 200W
Input Supply	220-240V, AC, 50Hz
Working Temperature (°C)	-10 to +50Deg C
THD	< 10%
Power Factor	> 0.95
IP Protection	IP 65/ IP 66
System Efficacy (lm/W)	> 110
Color Code Temperature (K)	2700 to 6500 K
Color	Warm, Neutral, Cool White
CRI	> 80
Housing	Die casting Aluminium
Cover	Toughened Glass/PC Cover
Mounting	I-Bolt & Clamp

BULKHEAD LED LIGHT-LOBBY



LOBBY-BULKHEAD LED



10W



20W

Product Features:

- BIS Approved
- LM 80 Certified LED
- High Quality Optics
- High Color Rendering Index
- Surge Protection Upto 4KV
- Higher Power Factor
- Lower Harmonic Distortion

Salient Features:

- Water and Dust Proof (IP 65/ IP 66)
- Eco Friendly
- Aesthetically Designed Luminaries
- Maintenance Free
- No Flickering / No UV Emissions
- Suitable for Roads, Streets,
Play Grounds & Parks, Apartments

Description	Specification
Power (W)	10W - 20W
Input Supply	220-240V, AC, 50Hz
THD	<15%
System Efficacy	>110 lm/W
Colour	Cool Day, NW, Warm White
CCT (K)	2700K to 6500K
CRI	>80
IP Rating	IP 65 / IP66
Housing	Polycarbonate
Mounting	Wall Mounted

UPCOMING PRODUCTS

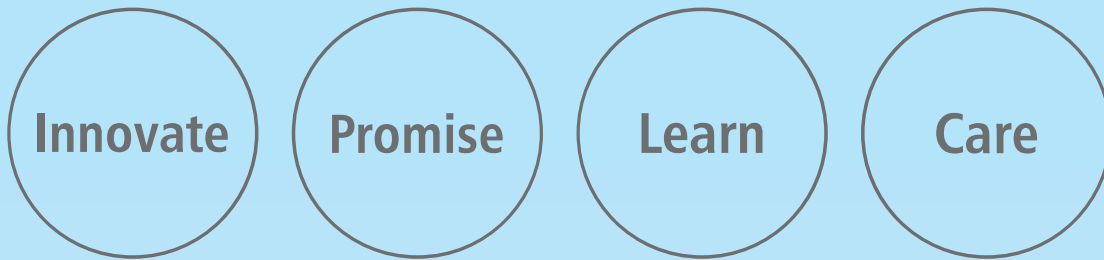


“BE THE **LIGHT** THAT HELPS OTHERS SEE”

OUR CLIENTS



We are committed to



Channel Partner



LEDGEO LIGTS PRIVATE LIMITED

Unit-II, 74-B, High School Road, Thanampalayam, Thavalakuppam
Puducherry - 605007, Email: support@ledgeo.in
Customer Care: 0413-2618398 (10:00 AM to 5:00 PM)

Regd. Office: 42 & 43, 1st cross, Gandhi Nagar, Near Aravind Eye
Hospital, Thavalakuppam, Puducherry - 605007

HIGH EFFICIENCY LED BATTEN TUBE LIGHT

PART: TL2050IC



Substantial energy saving and high reliability

This Luminaire Designed and Developed exclusively for Indoor Lighting Purpose Only. We Incorporated Lot of Latest Technology Included in this Luminaries. Light can withstand superior weather conditions and resistant to shock. These are aesthetically designed luminary.



Features :

- Unique circuit design with strong resistant against static electricity which ensures the stability of the lights for longer life span.
- ISO / BIS /NABL Certified
- High Intensity and Stability
- Uniform Light without obvious dark field
- Stable colour appearance
- No UV Emissions

Benefits :

- Long Life span ranging upto 50,000 Hours
- Flexible Design features can achieve fantastic Lighting effects
- High Luminaire Efficacy
- Maintenance free
- LM 80 Certified LED

Specifications :

- | | |
|------------------------------------|---------------------|
| • Light source | High bright SMD LED |
| • Power Consumption | 20W |
| • Power Supply | 100 to 300V AC |
| • Operating Frequency | 50 or 60Hz |
| • CCT | 5700K-6500K |
| • CRI | >80 |
| • LED Chip Efficacy | >138lm/W |
| • LED Beam Angle | 120Deg |
| • Total Harmonic Distortion (ATHD) | < 15% |
| • Power Factor | 0.9Above |



South **India's**
Largest LED
Lights
Manufacturer

HIGH EFFICIENCY LED BATTEN TUBE LIGHT

PART: TL2050IC



Specifications :

• Lumen Output	>2200Lumens
• Luminarie Efficacy	>110lm / W
• Junction Temperature	80Deg C
• Photo Biological safety and Assessment of Blue Light	IEC62471
• Type of Driver	Constant Current mode Driver
• Constancy of Luminary output	+/-10%
• Inbuilt Surge Protection	>2KV
• Efficiency	Above 89%
• BIS CRS	R-61000507
• Material	High Grade PC Material
• Operating temp. Range	0 to +50Deg C
• Working Humidity	10%-90% RH
• IP Rating	IP 40
• Dimension	1150mm
• Mode of Installation	Surface Mount



South **India's**
Largest LED
Lights
Manufacturer