



Calcom Vision Limited

Company Profile

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About Us – A Snapshot

45+ years in Electronics Manufacturing - ODM/ EMS Business

Listed on The Bombay Stock Exchange since 1990

Produced over 10 Million Electronic Ballasts, 10 Million Traditional & LED Luminaries & 10 Million LED Bulbs over last 10 years

Developed around 150 Lighting Products over 10 Years

Experience in Dealing with all leading brands / Multinationals / World Industry Leaders

About Us - Infrastructure

Factory Located at Greater Noida, spread over 13,000 square meters with covered area of ~ 100,000 square feet

In-House Research & Development Laboratory

Equipped with In-house SMT facilities, Plastic Injection Molding, Wire Wound Components and Dies/Moulds Manufacturing

State of the Art Approbation Lab

Large Manufacturing and Storage Capacities Available

About Us – Our Beliefs & Philosophy



About Us – Vision & Mission Statement

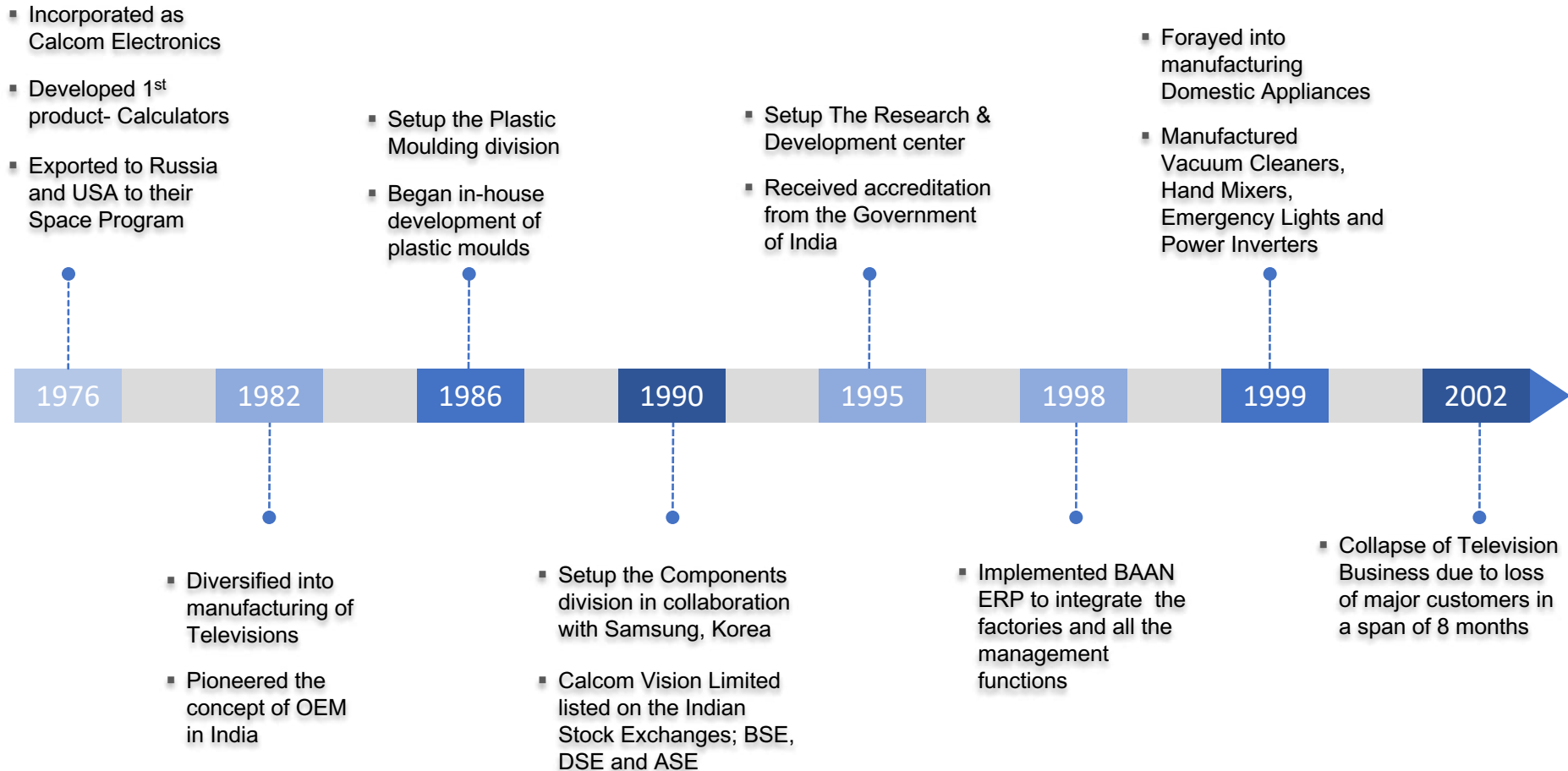
Our Vision

- We shall be a Professional, Caring, Progressive Organization which is committed to Stakeholder's Satisfaction and be the Best Place to Work.
- We shall have Service, Quality, Satisfaction and Value to the Customer as Core Value.
- We shall have a Culture of Openness, Transparency, Respect for and Development of the individual, Team spirit, Empowerment and Entrepreneurship, Enhancing sense of Respectability, Pride and Ownership, where every member feels Secure, Professionally Satisfied and Proud.

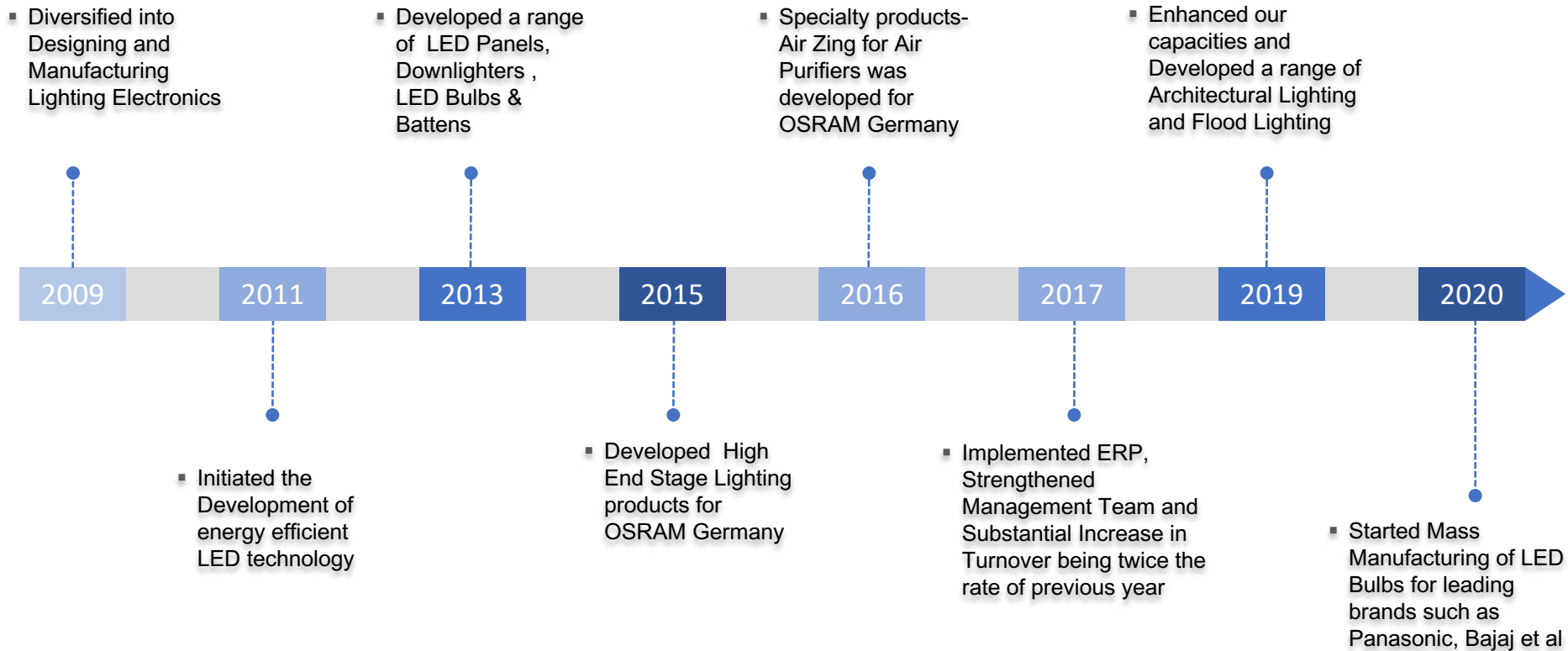
Our Mission

- We shall make an Organization where every Individual is Respected.
- We shall give Best value for money to our customers in all the areas of our business by constantly upgrading Products Processes and Services.
- We shall pursue Excellence in all areas of our operations and make Calcom a proud place to work.

About Us – Calcom Since Inception



About Us – A New Voyage





Our Strengths

Our Strengths

Dedicated EMS Vendor with no plans to market directly

Integrated Manufacturing Infrastructure

Quality and Reliability

In-house testing equipment's as per BIS Standards

Cost Effectiveness through Efficient Planning & Procurement

Experienced and Dedicated Manpower

Speed of development & Customer Service

Proximity to New Delhi

R&D Achievements



1st Indian company to design its own CTV, meeting IEC standards & approved by Philips Global Design Centre, Singapore



Calcom developed a Patented Digital Clock for Televisions



1st Indian Company to design Televisions meeting UL and IEC standards for European and US Markets



Diversified into Lighting Electronics and have developed a range of products to cater to the Domestic and International market including Specialty Lighting Products

Calcom's Infrastructure

Factory Located in Greater Noida

- Covered area of around *12,000 square meters*, expandable to approx *25,000 square meters*
- Uninterrupted power supply with a *500 KW* power backup

In-House Facilities

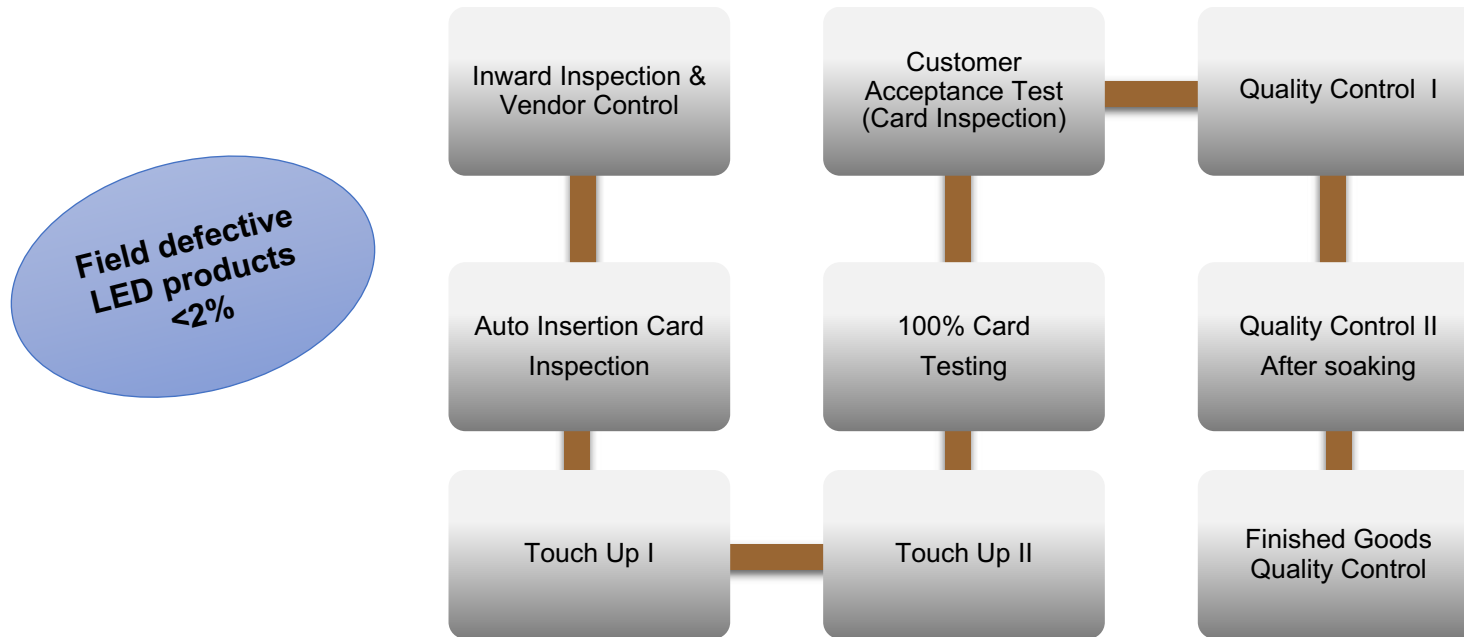
- *Tool Room* for making Plastic Injection Moulds
- Well equipped *Approbation Lab*
- *PCB* and *Wire Wound Component* manufacturing
- Lighting/ Power Electronics *product assembly line*
- *CIMDT* - Training Institute

State Of The Art Machinery

- *Auto Insertion* Machine with *Sequencer*
- *4 SMT lines* with automatic printers - *6 SMT Machines* and *10/12 zone Reflow Conveyors*
- Automatic *LED Bulb* Assembly Machine
- *4 Plastic Injection* Molding machines
- *3 Automatic Aging* Machine

Quality Control

At Calcom, we have **Multilevel Quality Control Procedures** that ensure quality standards are being met at **every stage of development** enabling manufacturing of reliable products which meet **International Quality Standards**



Our Quality Policy

‘We shall deliver error-free competitive products and services on time to our customers that meet or exceed their expectations’

Customer Service Expertise

We believe in providing our customers with a stupendous experience with

Innovation In Designing

Quality In Manufacturing

Excellence In Service

We believe in long term relations & have serviced our customers over several years

Customer	Association
Osram - Lighting	11 years +
Philips – TV	18 years
BPL - TV	16 years
Thomson - TV	10 years

We have experience in dealing with large Multinational Companies



PRODUCT CATALOGUE



Calcom has developed a complete range of LED products to cater to both residential and industrial applications.

LED Battens and Tubes

LED Battens Plastic

Size	Wattage	Lumens	Power Factor
278 mm	6 W	90 Lumen/W	> 0.95
578 mm	12W	90 Lumen/W	> 0.95
1136 mm	18W	90 Lumen/W	> 0.95
1136 mm	18W	100Lumen/W	> 0.95
1136 mm	20W	90 Lumen/W	> 0.95
1136 mm	22W	90 Lumen/W	> 0.95

LED Battens Aluminum

574 mm	20W (Isolated)	100 L/W	> 0.95
1185 mm	40W (Isolated)	100 L/W	> 0.95
574 mm	20W (Non-Isolated)	100 L/W	> 0.95
1185 mm	36W (Non-Isolated)	100 L/W	> 0.95
1185 mm	40W (Non-Isolated)	100 L/W	> 0.95

LED TUBE

1198 mm	18W	100 Lumen/W	> 0.9
1198 mm	20W	100 Lumen/W	> 0.9
1198 mm	22W	100 Lumen/W	> 0.9

Common Specification

1. Operating Voltage 100 - 300 VAC
1. Surge 2.5 KV
2. High Pot 1.5 KV
3. THD < 15% for Isolated Driver & < 30% for Non- Isolated Driver
4. Driver Efficacy > 80%
5. Meets BIS/ IEC Safety Standards

Options-

1. Available range 2700 K, 3000 K, 4000 K , 5700 K, 6500 K



LED Bulbs

LED Bulbs			
Size	Wattage	Lumens	Power Factor
45mm	0.5W (RED)	3-4 Lumen	< 0.5
	0.5W (BLUE)	2-3 Lumen	< 0.5
	0.5W (ORANGE)	6-7 Lumen	< 0.5
	0.5W (WHITE)	21-23 Lumen	< 0.5
	0.5W (YELLOW)	21-22 Lumen	< 0.5
	0.5W (GREEN)	5-6 Lumen	< 0.5
Candle lamp in E 17 cap	3W	90 Lumen/W	< 0.5
55mm	5W	90 Lumen/W	0.95
55mm	7W	100 Lumen/W	0.95
57mm	9W	100 Lumen/W	0.95
67mm	12W	100 Lumen/W	0.95
67mm	14W	100 Lumen/W	0.95
Common Specification			
1. Operating Voltage 100 - 300 VAC			
1. Surge 2.5 KV			
2. High Pot 1.5 KV			
4. Driver Efficacy > 80%			
5. Meets BIS/ IEC Safety Standards			
Options			
1. Available range 2700 K, 3000 K, 4000 K , 5700 K, 6500 K			
2. Available in B-22 and E-27 cap			



LED Bulbs

LED Bulbs			
Size	Wattage	Lumens	Power Factor
LED BULB 220Deg (LPF)			
50mm	3W	90 Lumen/W	> 0.5
60mm	5W	90 Lumen/W	> 0.5
60mm	7W	90 Lumen/W	> 0.5
65mm	9W	90 Lumen/W	> 0.5
LED BULB 220Deg (HPF)			
60mm	5W	100 Lumen/W	> 0.9
60mm	7W	100 Lumen/W	> 0.9
65mm	9W	100 Lumen/W	> 0.9
67mm	12W	100 Lumen/W	> 0.9
Common Specification			
1. Operating Voltage 100 - 300 VAC			
1. Surge 2.5 KV			
2. High Pot 1.5 KV			
4. Driver Efficacy > 80%			
5. Meets BIS/ IEC Safety Standards			
Options			
1. Available range 2700 K, 3000 K, 4000 K , 5700 K, 6500 K			
2. Available in B-22 and E-27 cap			



LED Emergency Bulbs

Emergency Bulb			
Housing	Wattage	Lumens	Battery
A67	9w	100 Lumen/W	2200mah
Common Specification			
1. Battery Backup upto 4 Hours			
3. Surge 3.5 KV			
4. High Pot 1.5 KV			
5. THD < 20% for Isolated Driver			
6. Driver Efficacy > 80%			
7.IP rating -IP 20			
9. Meets BIS/ IEC Safety Standards			



LED High Wattage Bulbs

LED BULB High Wattage (Rocket type & Dome Shape)

Size	Wattage	Lumens	Power Factor
90 mm	20W/ 23W	100 Lumen/W	> 0.9
90 mm	27W /30W	100 Lumen/W	> 0.9
90 mm	40W / 45W	100 Lumen/W	> 0.9

Common Specification

1. Operating Voltage 100 - 300 VAC

1. Surge 2.5 KV

2. High Pot 1.5 KV

4. Driver Efficacy > 80%

5. Meets BIS/ IEC Safety Standards

Options

1. Available range 2700 K, 3000 K, 4000 K , 5700 K, 6500 K

2. Available in B-22 and E-27 cap

3. high wattage bulbs can be offered in customized wattages and surface finish/ color



LED DownLighters

Down Lighters (Backlit) Recess type

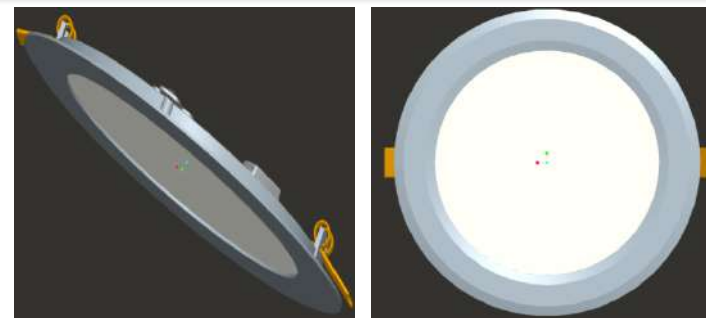
Size	Wattage	Lumens	Power Factor	Shape
100 mm	9W	80L/W	> 0.95	Square/ Round
150 mm	12W	80L/W	> 0.95	Square/ Round
150 mm	15W	80L/W	> 0.95	Square/ Round
150 mm	18W	80L/W	> 0.95	Square/ Round
150 mm	24W	80L/W	> 0.95	Square/ Round

Down Lighters (Backlit) Slim Recess type

100 mm	9W	90L/W	> 0.95	Round
150 mm	12W	90L/W	> 0.95	Round
150 mm	15W	90L/W	> 0.95	Round
200 mm	18W	90L/W	> 0.95	Round
200 mm	21W	90L/W	> 0.95	Round
200 mm	24W	90L/W	> 0.95	Round

Common Specification

1. Operating Voltage 100 - 300 VAC
1. Surge 2.5 KV
2. High Pot 1.5 KV
3. THD < 15% for Isolated Driver & < 30% for Non- Isolated Driver
4. Driver Efficacy > 80%
5. Meets BIS/ IEC Safety Standards



LED DownLighters

Down Lighters Slim (Edge Lit) Recess type

Size	Wattage	Lumens	Power Factor	Shape
100 mm	6W	80L/W	> 0.95	Square
100 mm	8W	80L/W	> 0.95	Square
150 mm	12W	80L/W	> 0.95	Square
150 mm	15W	80L/W	> 0.95	Square
150 mm	18W	80L/W	> 0.95	Square
100 mm	6W	80L/W	> 0.95	Round
100 mm	8W	80L/W	> 0.95	Round
140 mm	12W	80L/W	> 0.95	Round
150 mm	15W	80L/W	> 0.95	Round
150 mm	18W	80L/W	> 0.95	Round

Common Specification

1. Operating Voltage 100 - 300 VAC

1. Surge 2.5 KV

2. High Pot 1.5 KV

3. THD < 15% for Isolated Driver & < 30% for Non- Isolated Driver

4. Driver Efficacy > 80%

5. Meets BIS/ IEC Safety Standards

Options

1. Available range 2700 K, 3000 K, 4000 K , 5700 K, 6500 K

2. Available with Isolated/ Non- Isolated Drivers



LED Panels

SLIM EDGELIT LED PANEL				
Size	WATTAGE	Lumens	Power Factor	TYPE
295*295	20W	100Lumen/W	> 0.95	Edge lit
595*595	36W	100Lumen/W	> 0.95	Edge lit
595*595	40W	100Lumen/W	> 0.95	Edge lit
COMMON SPECIFICATION				
1. Isolated driver				
2. Operating Voltage 100 - 300 VAC				
3. Surge 2.5 KV				
4. High Pot 1.5 KV				
5. THD < 15% for Isolated Driver & < 30% for Non- Isolated Driver				
6. Driver Efficacy > 80%				
7. Driver meets EMI/EMC				
8. Meets BIS/ IEC Safety Standards				
Options				
1. Available range 2700 K, 3000 K, 4000 K , 5700 K, 6500 K				



LED Street Lights

Street Light			
Size	Wattage	Lumens	Power Factor
337*75*46 mm	15w	80 Lumen/W	> 0.95
337*75*46 mm	20w	80 Lumen/W	> 0.95
337*75*46 mm	25W	80 Lumen/W	> 0.95
Common Specification			
1. Operating Voltage 100 - 280 VAC			
2 With stand 440 V for two hours			
3. Surge 10 KV			
4. High Pot 4 KV			
5. THD < 10% for Isolated Driver			
6. Driver Efficacy > 80%			
7.IP rating -IP 65			
8.No load protection/ short circuit protection/Over load protection/Over temperature protection			
9. Meets BIS/ IEC Safety Standards			



LED Flood Lights

Flood Light			
Wattage	Lumens	Power Factor	
10W	100 Lumen/W	> 0.90	
20W	100 Lumen/W	> 0.90	
30W	100 Lumen/W	> 0.90	
50W	100 Lumen/W	> 0.90	
Common Specification			
1. Operating Voltage 100 - 300 VAC			
2. Surge 4 KV			
3. High Pot 1.5KV			
4.IP rating -IP 65			
5. Meets BIS/ IEC Safety Standards			



LED Strip Light and Driver

CONSTANT VOLTAGE LED DRIVERS

Input Power	O/P voltage (V)	Output Current	Power Factor
30W	12V	2.5 A	0.99
30W	24V	1 A	0.99
60W	12V	5 A	0.99
60W	24V	2.5 A	0.99
72W	24V	3 A	0.99

CONSTANT CURRENT LED DRIVERS

30W	21-42	715 mA	0.95
40W	21-42	950 mA	0.95
45W	21-42	1.07 A	0.95
50W	21-42	1.2 A	0.95
55W	21-42	1.30 A	0.95
60W	21-42	1.43 A	0.95
75W	21-42	1.8 A	0.95

Common specification

1. Operating voltage/ range 140-180
2. THD <10%
3. Efficacy >85%
4. Surge 4KV
5. IP rating -IP 67
6. No load protection/ short circuit protection/Over load protection/Over temprature protection
7. Meets BIS/ IEC Safety Standards



PLL Lamps

PLL Lamp			
Size	Wattage	Lumens	Power Factor
428*43.50*29	18W	85 lumens/Watt	>0.95
Common Specification			
1. Operating Voltage 100 - 300 VAC			
2. Surge 2.5KV			
3. High Pot 1.5KV			
4.IP rating -IP 20			
5. Meets BIS/ IEC Safety Standards			



Specialty Lighting Products

RGBW Flood Light for Stage Lighting



Air Zing- 2020, for Air Purifiers



Standards and Certifications

Calcom is an ISO 9001-2015 compliant organization and we are also RoHS and CE accredited.

RoHS



Production Capacity

Calcom has a large infrastructure and huge production capacities that can be further ramped up based on customer long term commitments.

Product	Quantity (Per Month)
LED Bulbs	25,00,000
Luminaires	10,00,000
Electronic Ballasts & Drivers	10,00,000



Our Customers

Our Current Customers

Panasonic



OSRAM

Walmart 



ReneSola 



OSRAM
Germany

TISVA™
FEEL THE WARMTH. SEE THE LIGHT.

Our Former Customers *(TV and Consumer Appliances)*





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