

LAVA

LED LIGHTS

LED Lamps / Bulbs



Low Wattage Bulbs

FEATURES:

- Inbuilt cc driver - ensures constant light output.
- Wide operating voltage range
- Uniform light distribution
- High efficacy and glare free light
- Long life and low maintenance.

APPLICATIONS:

Home, Office, School, Retail shops



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Surge Protection	Power Factor
2.5W	100-300V	50Hz	-15°C to +45°C	NA	0.9
5W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
7W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
9W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
10W	220V-240V	50Hz	-15°C to +45°C	4KV & Above	0.9
Optical Specifications	Luminous Flux (Lm)±10%	Luminous Efficacy (Lm/W)±10%	Correlated Color Temperature - CCT (K)	Beam Angle	CRI
2.5W	CDL-250	NA	Cool Day Light (6500K)	120°	80
5W	525	105	Cool Day Light (6500K)	120°	80
7W	700	105	Cool Day Light (6500K)	120°	80
9W	900	105	Cool Day Light (6500K)	120°	80
10W	900	90	Cool Day Light (6500K)	120°	80

High Wattage Bulbs

FEATURES:

- Inbuilt cc driver - ensures constant light output
- Wide operating voltage range
- Uniform light distribution
- High efficacy and glare free light
- Long life and low maintenance.
- Overvoltage Protection for 440V

APPLICATIONS:

Home, Office, School, Retail shops, Utility areas, Workshops



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Surge Protection	Power Factor
12W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
14W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
18W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
20W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
23W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
Optical Specifications	Luminous Flux (Lm)±10%	Luminous Efficacy (Lm/W)±10%	Correlated Color Temperature - CCT (K)	Beam Angle	CRI
12W	1200	100	Cool Day Light (6500K)	120°	80
14W	1400	105	Cool Day Light (6500K)	120°	80
18W	1890	105	Cool Day Light (6500K)	120°	80
20W	2100	105	Cool Day Light (6500K)	120°	80
23W	2300	100	Cool Day Light (6500K)	120°	80



LAVA

LED LIGHTS

Emergency Lamps & Hammer Lamps



Emergency Led Bulbs

FEATURES:

- Lithium-Ion battery inside
- Up to 4 hours back up
- Best Companion during power cut
- Backup light output lumens drop by 50%
- Works on AC and DC
- Over Charge protection
- Easy Installation
- 500 charging cycles

APPLICATIONS:

Study Room, Kitchen, Retail Shops



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Surge Protection	Power Factor
9W	100-300V	50Hz	10°C to +45°C	4KV & Above	0.9
10W	100-300V	50Hz	10°C to +45°C	NA	0.7
12W	100-300V	50Hz	10°C to +45°C	4KV & Above	0.9
Optical Specifications	Luminous Flux (Lm)±10%	Luminous Efficacy (Lm/W)±10%	Correlated Color Temperature - CCT (K)	Beam Angle	CRI
9W	900	100	Cool Day Light (6500K)	120°	80
10W	1000	100	Cool Day Light (6500K)	120°	80
12W	1200	100	Cool Day Light (6500K)	120°	80

Hammer Bulbs

FEATURES:

- Inbuilt cc driver - ensures constant light output.
- Wide operating voltage range
- Eco Friendly
- Uniform light distribution
- High efficacy and glare free light
- Long life and low maintenance.
- Overvoltage Protection for 440V

APPLICATIONS:

Retail shops, Utility areas, Workshops



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Surge Protection	Power Factor
27W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
30W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
40W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
50W	100-300V	50Hz	-15°C to +45°C	4KV & Above	0.9
Optical Specifications	Luminous Flux (Lm)±10%	Luminous Efficacy (Lm/W)±10%	Correlated Color Temperature - CCT (K)	Beam Angle	CRI
27W	2700	100	Cool Day Light (6500K)	120°	80
30W	3000	100	Cool Day Light (6500K)	120°	80
40W	4000	100	Cool Day Light (6500K)	120°	80
50W	5000	100	Cool Day Light (6500K)	120°	80





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LED LIGHTS

Batten and Panels

Led Backlit Panel

FEATURES:

- Glare free diffused light.
- Separate Surface Ring is available in Round/Square Shape
- Long life and low maintenance.
- Wide operating voltage range
- Ideal for both false and concrete ceilings
- Uniform light distribution
- Available shapes – Round and Square.
- Compact & easy to install
- 100 lm / Watt

APPLICATIONS:

Home, Office, Hospital, Hotel & Restaurants, Retail Shop



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Surge Protection	Power Factor
6W	220V-240V	50Hz	10°C to + 45°C		0.95
9W	220V-240V	50Hz	10°C to + 45°C		0.95
12W	220V-240V	50Hz	10°C to + 45°C		0.95
15W	220V-240V	50Hz	10°C to + 45°C		0.95
Optical Specifications	Luminous Flux (Lm)±10%	Luminous Efficacy (Lm/W)±10%	Correlated Color Temperature -CCT(K)	Beam Angle	CRI
6W	600		Cool Day Light (6500K)	120°	80
9W	900		Cool Day Light (6500K)	120°	80
12W	1200		Cool Day Light (6500K)	120°	80
15W	1500		Cool Day Light (6500K)	120°	80
Mechanical Specifications	Housing	Shape	Product Dimension		
6W	Polycarbonate	Round & Square	OD -116mm, CD -100mm, H - 35.5mm		
9W	Polycarbonate	Round & Square	OD -116mm, CD -100mm, H - 35.5mm		
12W	Polycarbonate	Round & Square	OD -166mm, CD -150mm, H - 35.5mm		
15W	Polycarbonate	Round & Square	OD -166mm, CD -150mm, H - 35.5mm		

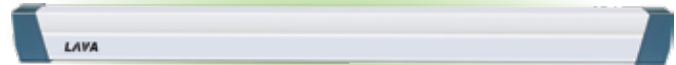
Battens

FEATURES:

- Unbreakable PC body
- Long life and low maintenance.
- Slim panel provides aesthetic appeal.
- Uniform light distribution
- High Efficiency
- High CRI
- Overvoltage Protection for 440V

APPLICATIONS:

Schools, Hostels, Home, Restrooms, Mirror light



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Surge Protection	Power Factor
5W	130V-280V	50Hz	10°C to + 45°C		0.9
10W	130V-280V	50Hz	10°C to + 45°C		0.9
20W	130V-280V	50Hz	10°C to + 45°C	4KV & Above	0.9
24W	130V-280V	50Hz	10°C to + 45°C	4KV & Above	0.9
Optical Specifications	Luminous Flux (Lm)±10%	Luminous Efficacy (Lm/W)±10%	Correlated Color Temperature -CCT(K)	Beam Angle	CRI
5W	500	100	Cool Day Light (6500K)	120°	80
10W	1000	100	Cool Day Light (6500K)	120°	80
20W	2000	100	Cool Day Light (6500K) Warm White (3000K)	120°	80
24W	2200	100	Cool Day Light (6500K)	120°	80
Mechanical Specifications	Housing	Shape			
5W	Polycarbonate	Square Shape			
10W	Polycarbonate	Square Shape			
20W	Polycarbonate	Square Shape			
24W	Polycarbonate	Square Shape			



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LED LIGHTS

Spotlight and Downlight

Spotlight

FEATURES:

- 45° / 60° narrow beam angle
- Adjustable optics 30°
- Wide operating voltage range
- Long life and low maintenance
- Ideal for ambient and focus lighting
- Compact & easy to install
- 4KV Surge protection

APPLICATIONS:

Decorative Display, Display shelf, Retail shop, Bookshelves



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Power Factor	
2W Cabinet	220V-240V	50Hz	10°C to + 45°C	NA	
3W	220V-240V	50Hz	10°C to + 45°C	0.9	
3W Striker	220V-240V	50Hz	10°C to + 45°C	0.95	
6W	220V-240V	50Hz	10°C to + 45°C	0.9	
9W	220V-240V	50Hz	10°C to + 45°C	0.9	
12W	220V-240V	50Hz	10°C to + 45°C	0.95	
Optical Specifications	Luminous Flux (Lm)±10%	Correlated Color Temperature -CCT(K)**		Beam Angle	CRI
2W Cabinet	CDL-140, WW-120	Cool Day Light (6500K)		60°	80
3W	CDL-225, WW-210, NW-210	Cool Day Light (6500K)		45°	80
3W Striker	1500	Cool Day Light (6500K)		120°	80
6W	CDL-480, WW-420, NW-450	Cool Day Light (6500K)		60°	80
9W	CDL-720, WW-630, NW-675	Cool Day Light (6500K)		60°	80
12W	CDL-960, WW-840, NW-900	Cool Day Light (6500K)		60°	80
Mechanical Specifications	Housing	Shape	Product Dimension		
2W Cabinet	Polycarbonate	Round & Square	OD - 41 mm, CD - 33mm, H - 16.16mm		
3W	Polycarbonate	Round	OD -75mm, CD - 60mm, H - 43mm		
3W Striker	Polycarbonate	Round & Square	OD -166mm, CD -150mm, H - 35.5mm		
6W	Polycarbonate	Round	OD -95mm, CD - 75mm, H - 46mm		
9W	Polycarbonate	Round	OD -116mm, CD - 100mm, H - 52mm		
12W	Polycarbonate	Round	OD - 139mm, CD-129mm, H - 55mm		

** CCT (K): Also available Warm White (3000K), Neutral White (4000K)

Downlight

FEATURES:

- Integrated driver
- Compact and easy to install
- Uniform light distribution
- Wide operating voltage range
- Long life and low maintenance.
- Compatible with Installation in Deep Junction Box



SPECIFICATIONS

Electrical Specification	Operating Voltage Range	Operating Frequency	Operating Temperature (Celsius)	Power Factor	
3W	220V-240V	50Hz	10°C to + 45°C	0.95	
6W	220V-240V	50Hz	10°C to + 45°C	0.95	
9W	220V-240V	50Hz	10°C to + 45°C	0.95	
Optical Specifications	Luminous Flux (Lm)±10%	Correlated Color Temperature -CCT(K)**		Beam Angle	CRI
3W	CDL-210, WW-180	Cool Day Light (6500K)		120°	80
6W	CDL-450, WW-420	Cool Day Light (6500K)		120°	80
9W	1500	Cool Day Light (6500K)		120°	80
Mechanical Specifications	Housing	Shape	Product Dimension		
3W	Polycarbonate	Round	OD - 80mm, CD -58mm, H - 32mm		
6W	Polycarbonate	Round	OD -105mm, CD -90mm, H - 60mm		
9W	Polycarbonate	Round & Square	OD -166mm, CD -150mm, H - 35.5mm		

** CCT (K): Also available Warm White (3000K)

APPLICATIONS:

Home, Office, Hospital, Hotel & Restaurants, Retail Shop

