

Next Generation LED Lighting Solutions CATALOGUE

SSURON WRIG

The evolution of light finds perfection in Su-Kam Fiem LED

LED

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The Su-Kam Fiem Journey



he journey of a thousand miles begins

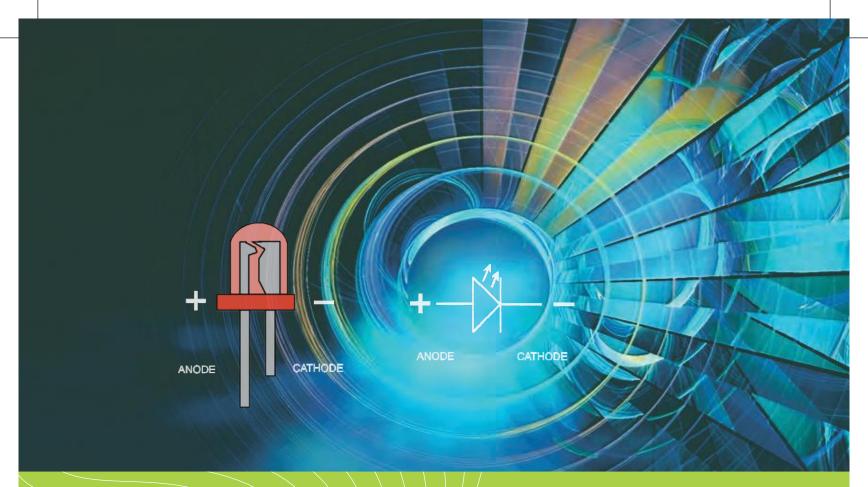
with a single step and when two giants collaborate on a journey, it makes for an incredible adventure. So it is with Su-Kam Fiem.

Su-Kam is a household name in inverters, batteries, power accessories and solar power solutions. It is known for its innovation, technology and excellence. Founded in the year 1992, Su-Kam has a network of 40,000+ dealers, 100+ service centers and the trust of millions of people across 90 countries. It has partnered with the government and brought light into homes where having electricity was a distant dream.

Fiem has been a trailblazer in the OEM automotive lighting industry for the last 40 years. It is one of the leading manufacturers of automotive lighting, signaling equipment, rear view mirrors and LED lighting products. The secret to Fiem's success lies in continuous focus on R&D, quality and world class manufacturing units to back it.

Su-Kam & Fiem have joined hands to take the LED lighting industry by storm. They are poised to revolutionize the market with LED bulbs, tube lights and sophisticated LED lighting range. They each bring to the table their unique strengths to give to the consumer the best quality LED bulbs and tube lights. With Fiem as the manufacturing partner and Su-Kam as the marketing genius, it is a win – win situation for the consumer.





SSu-Kan & Fiem

What is LED

LED is an acronym for Light Emitting Diode. It is a semiconductor device that emits visible light when an electric current passes through it.

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THE LED ADVANTAGE

- Safer : LED lights are much cooler than conventional lights thus reducing the risk of combustion or burnt fingers.
- **Sturdier :** LED lights are made with epoxy lenses, not glass, and are much more resistant to breakage.
- Long Lifetime : If you leave an LED fixture on for 8 hours per day it would take around 20 years before you'd have to replace it.
- **Efficiency :** LED lights use less electricity, with an estimated energy efficiency of 80%-90% when compared to traditional lighting.
- **Eco Friendly :** LED lights contain no toxic materials and are 100% recyclable; they help you reduce your carbon footprint.
- **No Emissions :** LED illumination produces little infrared light and close to no UV emissions.
- **Dimmable :** LED lights can be dimmed, resulting in a dynamic control of light, color, flexibility and distribution.
- Light Disbursement : LED lights are designed to focus their light and can be directed to a specific location without the use of an external reflector, achieving higher application efficiency.
- Instant Lighting & No Flickering : LED lights provide instant light and illumination. LEDs work when an electrical current is passed through them so no flickering.
- Frequent Switching : LED lights can be switched off and on frequently without affecting the LED's lifetime or light emission.
- **Operating Voltage :** LED lights can withstand a wide range of voltage fluctuations.
- Long-Term Cost : LED lights may appear to be more expensive but provide great long term savings.
- **No Noise :** LED lights do not have the annoying buzzing sound or flickering noises of the conventional lights.
- **Colors Galore :** LED lights provide a range of different colors for different purposes and needs. This makes them suitable for almost any environment or lighting situation.

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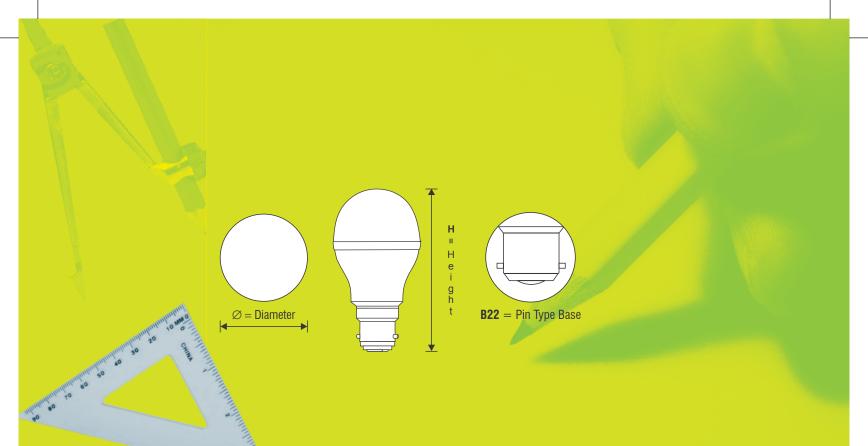


LED FLAME BULB SHINES BRIGHTER, LONGER

LED Fun Fact #1

Remember the name Nick Holonyak, Jr. – he is the father of the visible light LED. Nick invented the LED while working for General Electric in 1962. This "new thing" that's come onto the retail market over the last 5 years has been around since the mid-1960s!





LED FLAME BULB

		DIMENSIO	ONS (mm)	M.R.P.	Packing
PRODUCT DESCRIPTION PRODUCT CODE	Ø	н	Per Piece (₹)	(Single Box)	
LED Flame Bulb 7W White Pin Type (B-22) Base*	BFL7WB22P50W	55	100	155.00	50 Nos
LED Flame Bulb 9W White Pin Type (B-22) Base*	BFL9WB22P50W	55	100	165.00	50 Nos

Applications:

- ▶ Showrooms
- ► Malls
- ► Houses
- ► Offices
- Restaurants

▶ Hospitals

► Hotels

▶ Rural areas





Conforming Standards: • LM- 80 & Photo Biological Test IEC62471. IEC - 62560-211 • CE Certified *BIS Conforming: IS-16102 (Part I):2012-R-95000078

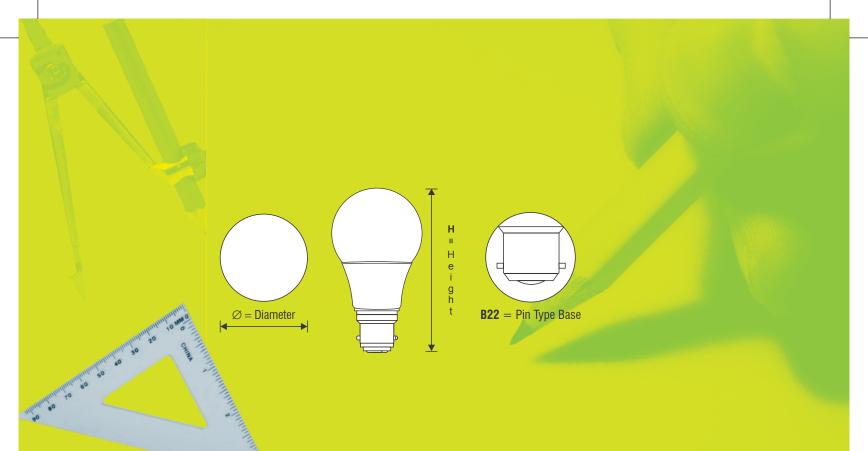


LED BLAZE BULB

LED Fun Fact #2

LEDs first replaced incandescent lamps in vehicle brake lights, signal lights, and traffic lights – way back in 1987!





LED BLAZE BULB

		DIMENSI	DIMENSIONS (mm)		Packing	
PRODUCT DESCRIPTION	PRODUCT DESCRIPTION PRODUCT CODE		н	M.R.P. Per Piece (₹)	(Single Box)	
LED Blaze Bulb 7W White Pin Type (B-22) Base*	BBL7WB22P50W	60	110	220.00	50 Nos	
LED Blaze Bulb 9W White Pin Type (B-22) Base*	BBL9WB22P50W	68	125	270.00	50 Nos	
LED Blaze Bulb 12W White Pin Type (B-22) Base	BBL12WB22P40W	69	133	430.00	40 Nos	
Applications:						

► Showrooms

► Malls

► Houses

► Hotels

▶ Hospitals

▶ Restaurants

▶ Offices

▶ Rural areas





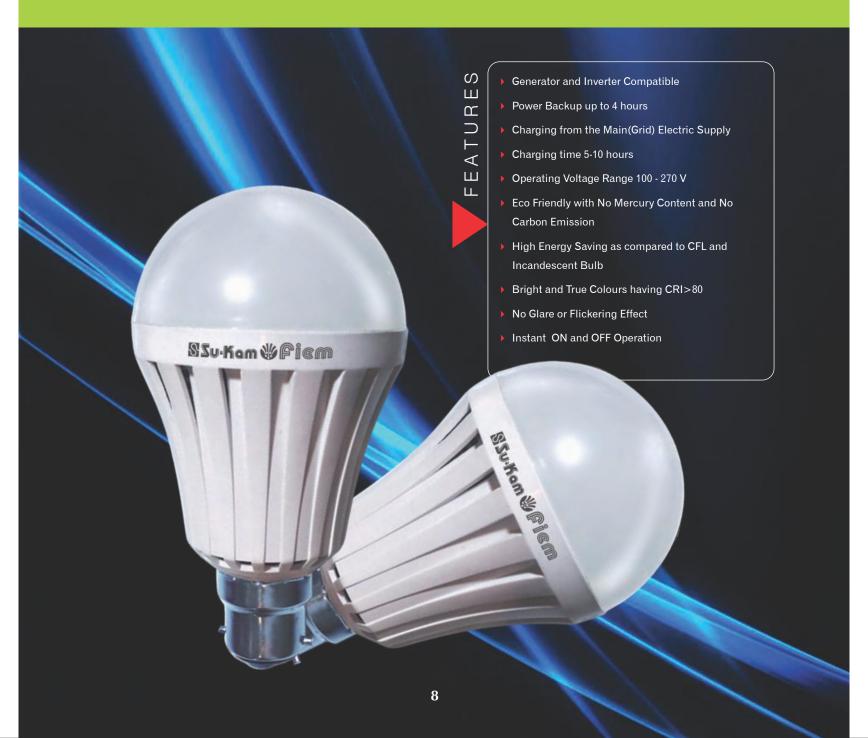
Conforming Standards: • LM- 80 & Photo Biological Test IEC62471. IEC - 62560-211 • CE Certified *BIS Conforming: IS-16102 (Part I):2012-R-95000078

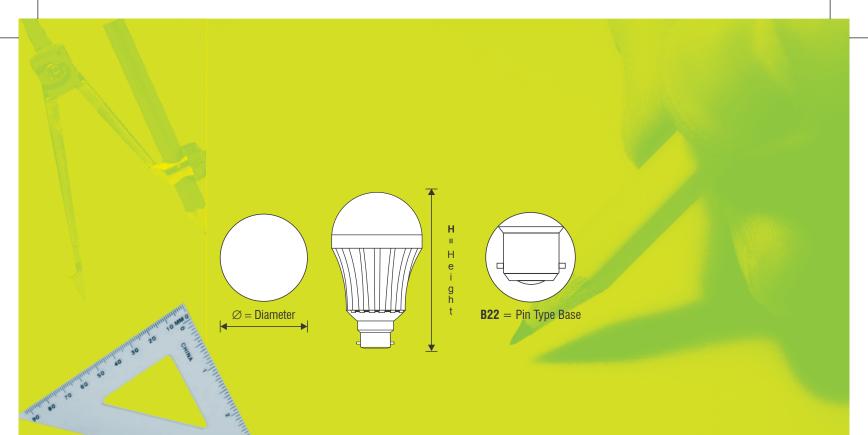


LED INVERTER BULB

LED Fun Fact #3

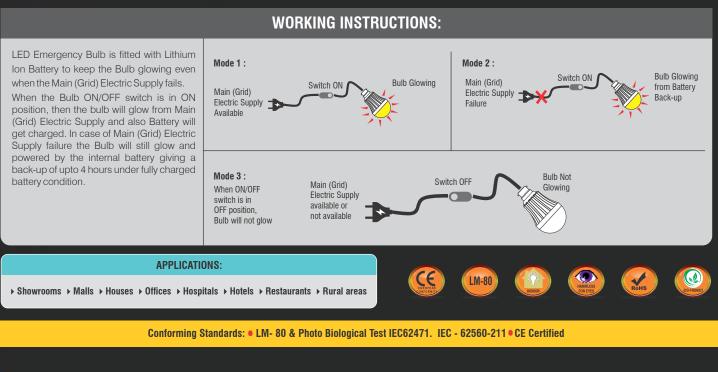
LEDs do not attract insects. They do not produce ultraviolet light which insects are drawn to.





LED INVERTER BULB

PRODUCT DESCRIPTION PRODUCT CODE		DIMENSIONS (mi			
		Ø	н	M.R.P. Per Piece (₹)	Packing (Single Box)
LED Inverter Bulb 7W White Pin Type (B-22) Base	BINV7WB22P50W	68	121	625.00	50 Nos



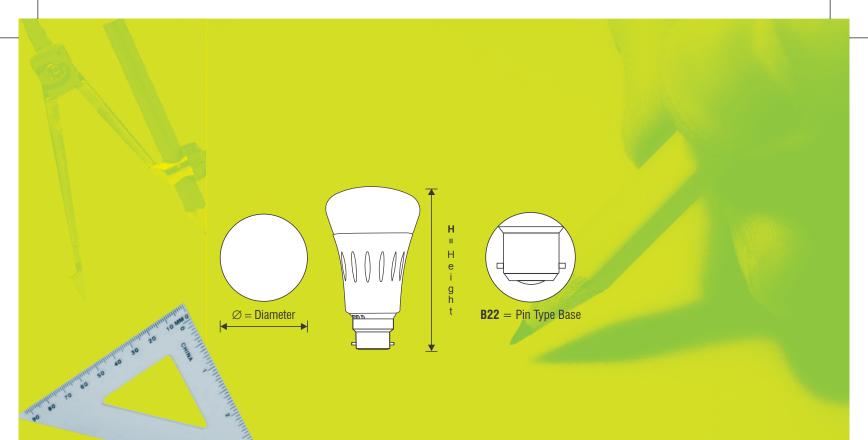


LIGHTING REDEFINED

LED Fun Fact #4

Most blue and green LEDs use a mixture of Gallium Nitride and Indium Nitride to get the blue, called Indium Gallium Nitride (InGaN). By varying the amount of Indium in the mix, the color of blue varies. Most red, orange, and yellow LEDs use variants of Gallium Phosphide (GaP) and Gallium Arsenide Phosphide (GaAsP) to get their hues.





LED RAINBOW BULB

	PRODUCT DESCRIPTION PRODUCT CODE		DIMENSIONS (mm)			
PRODUCT DESCRI			Ø	н	M.R.P. Per Piece (₹)	Packing (Single Box)
LED Rainbow Bulb 6W Multi Colc	ur Pin Type (B-22) Base	BRB6WB22P50RGB	62	117	6000.00	50 Nos
Applic	ations:					
► Showrooms	► Hospitals		EUROPEAN	LM-80	INDOOR	
▶ Malls	► Hotels					

► Houses

Offices

▶ Rural areas

▶ Restaurants





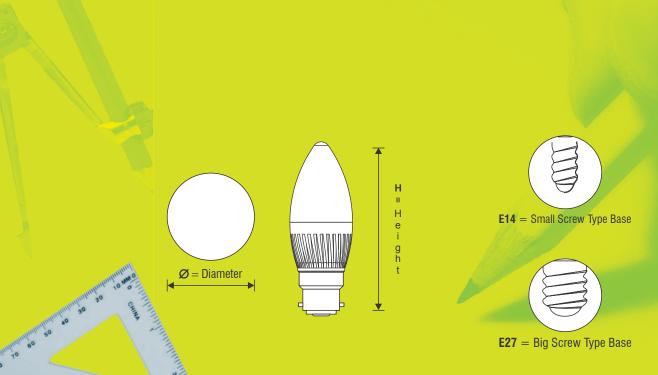


SAVINGS IN YOUR BULBS

LED Fun Fact #5

An incandescent lamp converts about 9-10% of the energy fed to it into light, whereas LEDs convert nearly 100% of the energy they consume as light.





LED CANDLE BULB

		DIMENSIO	DIMENSIONS (mm)		Packing
PRODUCT DESCRIPTION PRODUCT CODE		Ø	н	M.R.P. Per Piece (₹)	(Single Box)
LED Candle Bulb 3W Yellow Small Screw Type (E-14) Base	BCD3WE14P100Y	34	104	305.00	100 Nos
LED Candle Bulb 3W Yellow Big Screw Type (E-27) Base	BCD3WE27P100Y	34	104	305.00	100 Nos

Applications:

- ▶ Showrooms
- ► Malls

► Houses

-
- Offices

► Hotels

▶ Hospitals

- ▶ Restaurants
- ▶ Rural areas





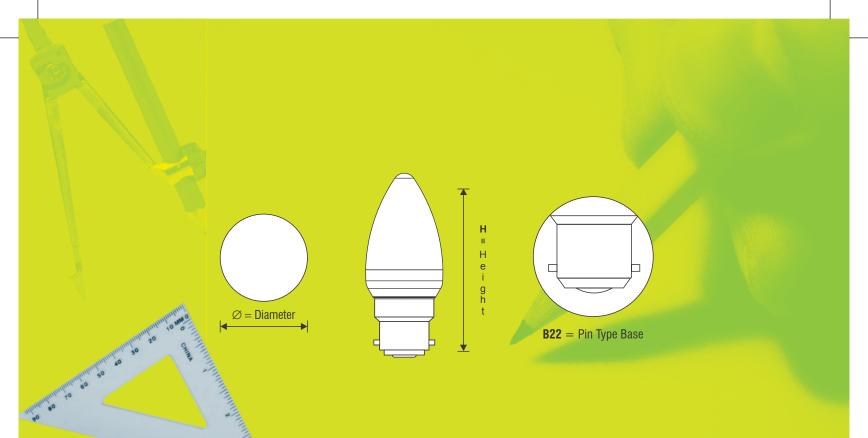


LED DECO BULB

LED Fun Fact #6

LEDs contain NO MERCURY at all — and over 95% of an LED is recyclable.





LED DECO BULB

PRODUCT DESCRIPTION			ONS (mm)	M.R.P.	Packing
PRODUCT DESCRIPTION PRODUCT		Ø	н	Per Piece (₹)	(Single Box)
LED Deco Bulb 0.5W RED Pin Type (B-22) Base	BDE1/2WB22P100R	35	83	100.00	100 Nos
LED Deco Bulb 0.5W WHITE Pin Type (B-22) Base	BDE1/2WB22P100W	35	83	100.00	100 Nos
LED Deco Bulb 0.5W YELLOW Pin (B-22) Type Base	BDE1/2WB22P100Y	35	83	100.00	100 Nos
LED Deco Bulb 0.5W GREEN Pin (B-22) Type Base	BDE1/2WB22P100G	35	83	100.00	100 Nos
LED Deco Bulb 0.5W BLUE Pin Type (B-22) Base	BDE1/2WB22P100B	35	83	100.00	100 Nos

Applications:

- ▶ Showrooms
- ► Malls
- ► Houses
- Offices

► Hotels

▶ Hospitals

- ▶ Restaurants
- ▶ Rural areas





Conforming Standards: • LM- 80 & Photo Biological Test IEC62471. IEC - 62560-211 • CE Certified

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LIGHTYOUR MOOD

LED Fun Fact #7

LEDs are cooler. When you are running fans or an air conditioner this summer, having burning-hot incandescent bulbs just makes it harder to manage the heat. LEDs run much cooler than incandescent bulbs and significantly cooler than CFLs





B22 = Pin Type Base

LED BLAZE MONEY SAVER BULB

PRODUCT DESCRIPTION	PRODUCT CODE	DIMENSI	ONS (mm)	M.R.P. Per Piece	Packing
PRODUCT DESCRIPTION	PRODUCT CODE	Ø		(₹)	(Single Box)
LED Blaze Money Saver Bulb 7W White Pin Type (B-22) Base	BBLMS7WB22P50W	55	100	300.00	50 Nos
LED Blaze Money Saver Bulb 12W White Pin Type (B-22) Base	BBLMS12WB22P40W	69	133	500.00	40 Nos

Applications:

Showrooms

Diameter

► Malls

► Houses



► Hospitals

- ▶ Restaurants
- ► Offices

Rural areas







LED FILAMENT BULB OLD WORLD CHARM, NEW WORLD EFFICIENCY

LED Fun Fact #8

LED light bulbs are ideal for lighting in cold environment. In fact, they get brighter and more efficient in lower temperatures making them ideal for outdoor lighting.







E27 = Big Screw Type Base

LED FILAMENT BULB

PRODUCT DESCRIPTION	PRODUCT CODE	M.R.P. Per Piece (₹)	Packing (Single Box)
LED Filament Bulb 6W White Pin Type (B-22) Base	BFIL6WB22P50W	450.00	50 Nos
LED Filament Bulb 6W Yellow Pin Type (B-22) Base	BFIL6WB22P50Y	450.00	50 Nos
LED Filament Bulb 6W White Big Screw Type (E-27) Base	BFIL6WE27P50W	450.00	50 Nos
LED Filament Bulb 6W Yellow Big Screw Type (E-27) Base	BFIL6WE27P50Y	450.00	50 Nos
LED Filament Bulb 8W White Pin Type (B-22) Base	BFIL8WB22P50W	480.00	50 Nos
LED Filament Bulb 8W Yellow Pin Type (B-22) Base	BFIL8WB22P50Y	480.00	50 Nos
LED Filament Bulb 8W White Big Screw Type (E-27) Base	BFIL8WE27P50W	480.00	50 Nos
LED Filament Bulb 8W Yellow Big Screw Type (E-27) Base	BFIL8WE27P50Y	480.00	50 Nos

Applications:

- ▶ Showrooms
- ► Malls
- ► Houses

► Hotels

▶ Hospitals

▶ Restaurants

▶ Rural areas

Offices



EUROPEAN



LM-80

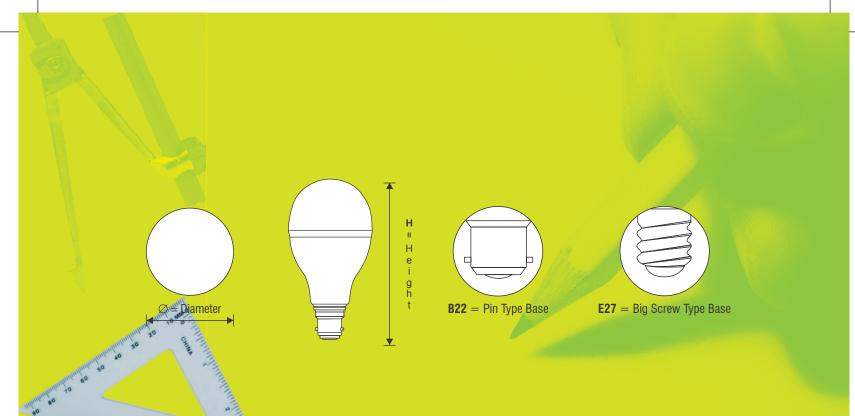


LED BLAZE 3 - IN -1 BULB

LED Fun Fact #9

LED lights curb light pollution. Studies indicate that nearly 30% of traditional street lighting is reflected into the night sky, creating an electric haze around cities that reduces stargazing. With the use of LED lighting a reversal to this problem has begun.





LED BLAZE 3 -IN-1 BULB

PRODUCT DESCRIPTION	PRODUCT CODE	DIMENSIONS (mm)		M.R.P.	Packing
		ø	н	Per Piece (₹)	(Single Box)
LED Blaze 3-In-1 Bulb 7W Pin Type Base (B-22)	BBL7WB22P50WNY	68	125	300.00	50 Nos
LED Blaze 3-In-1 Bulb 9W Big Screw Type Base (E-27)	BBL9WE27P50WNY	68	125	350.00	50 Nos
Applications:		_			
▹ Showrooms ▶ Hospitals		EUROPEAN	LM-80	INDOOR	

- ► Malls
- ► Houses

▶ Restaurants

► Hotels

Offices

▶ Rural areas







LED RETRO T8 TUBE LIGHT

LED Fun Fact #10

LEDs are used for Light Therapy. Light therapy or phototherapy, refers to a variety of treatments that expose skin to different wavelengths of light.



LED RETRO T8 TUBE LIGHT

H = Height

L = Length

PRODUCT DESCRIPTION	PRODUCT CODE	DIMENSI	ONS (mm)	M.R.P.	Packing
PRODUCT DESCRIPTION	PRODUCT CODE	Ø	н	Per Piece (₹)	(Single Box)
LED Retro Tube Light 4' T8 18W White EA*	TRET4FT18WT8P20WEA	1200	27	900.00	20 Nos
LED Retro Tube Light 2' T8 9W White EA*	TRET2FT9WT8P20WEA	600	27	700.00	20 Nos
LED Retro Tube Light 4' T8 18W White TP*	TRET4FT18WT8P20WTP	1200	27	700.00	20 Nos
LED Retro Tube Light 2' T8 9W White TP*	TRET2FT9WT8P20WTP	600	27	500.00	20 Nos

***EA** = Extruded Aluminium ***TP** = Thermoplastic





LED SQUARE T8 TUBE LIGHT WITH INTEGRATED STRIP ENHANCE YOUR LIGHT'S STYLE QUOTIENT

LED Fun Fact #11

LEDs are bright enough to be seen outside during daylight hours, which is why many are now used in most traffic lights, tunnels, and even throughout entire buildings.



L = Length H = Height H

LED SQUARE T8 TUBE LIGHT WITH INTEGRATED STRIP

		DIME	NSIONS	(mm)		
PRODUCT DESCRIPTION	PRODUCT CODE	L	w	н	M.R.P. Per Piece (₹)	Packing (Single Box)
LED Square Tube Light with Integrated Strip 4' T8 20W White TP	TSQS4FT20WT8P20WTP	1135	22	35	600.00	20 Nos
LED Square Tube Light with Integrated Strip 2' T8 10W White TP	TSQS2FT10WT8P20WTP	568	22	35	400.00	20 Nos

Applications:

Showrooms

► Malls

► Houses

Restaurants

Offices

Rural areas

► Hospitals

► Hotels







LIGHTWITHSTYLE

LED Fun Fact #12

LED keeps your food fresh for longer. Since LED bulbs do not emit ultraviolet rays, they are a better lighting option for supermarkets, stores, restaurants and your kitchen.





LED RETRO T8 TUBE LIGHT WITH STRIP

H = Height

		DIMENSIONS (mm)			M.R.P.	Packing
PRODUCT DESCRIPTION PRODUCT CODE		L	w	н	Per Piece (₹)	(Single Box)
LED Retro Tube Light with Strip 4' T8 18W White EA*	TRS4FT18WT8P20WEA	1240	30	68	1150.00	20 Nos
LED Retro Tube Light with Strip 2' T8 9W White EA*	TRS2FT9WT8P20WEA	1240	30	68	950.00	20 Nos
LED Retro Tube Light with Strip 4' T8 18W White TP*	TRS4FT18WT8P20WTP	620	30	68	950.00	20 Nos
LED Retro Tube Light with Strip 2' T8 9W White TP*	TRS2FT9WT8P20WTP	620	30	68	750.00	20 Nos

*EA = Extruded Aluminium *TP = Thermoplastic

Applications:					
► Showrooms	► Hospitals	EUROPEAN	LM-80	INDOOR	
► Malls	► Hotels				
	▶ Restaurants	HARMLESS FOR EVES	ROHS		
► Offices	▶ Rural areas	FOR EVES	NOTS -	ECO-FRIENDLY	



LED DAZZLE T5 TUBELIGHT WITH INTEGRATED STRIP BRIGHT & BEAUTIFUL

LED Fun Fact #13

LED lamps on an average are not subject to serious damage from external shock. So if you drop it, it is just an Oops moment. If you drop an incandescent lamp, you're going to be cleaning up glass and if it is a CFL, not only will it break, but you will also need to follow Mercury decontamination procedures!

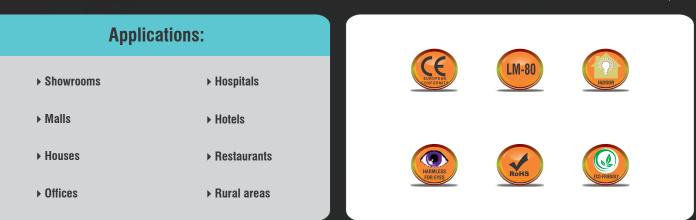


L = Length H = Heigh W = Width

LED DAZZLE 15 TUBELIGHT WITH INTEGRATED STRIP

		DIMENSIONS (mm)			M.R.P.	Packing
PRODUCT DESCRIPTION	PRODUCT CODE	L	w	н	Per Piece (₹)	(Single Box)
LED Dazzle Tube Light with Intergrated Strip 4' T5 16W White TP*	TDZS4FT16WT5P20WTP	1135	23	33	700.00	20 Nos
LED Dazzle Tube Light with Intergrated Strip 2' T5 8W White TP*	TDZS2FT8WT5P20WTP	568	23	33	500.00	20 Nos

***TP** = Thermoplastic





LED LIFE SAVER TORCH YOUR RELIABLE COMPANION IN THE DARK

LED Fun Fact #14

LED headlights might be one of the most annoying, blinding things on the road, but they're actually quite safe for driving – LED headlights render colors you see in their beams better, which gives you better awareness of your surroundings on the road.

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- Single step lighting with flash
- The first push & release results in the lighting up of power white LED
- The second push & release will switch off the power white LED & flash the 12 nos. red LEDs to indicate a warning signal (Beacon type)
- The third push & release will result in all the LEDs (white & red) to be switched off

	0.5W full scatter throw
Þ	Uses 2 AA size batteries
Þ	Easy to use & carry
Þ	Can be powered by an auxilia 8.5V DC-30 VDC
Þ	LED Life (50,000 hrs)
	Use as an accessory in 2-Whe Wheelers for emergencies lik central locking & power wind self locking of seat belts etc.
	It can also be used as a hamr

 It can also be used as a hammer to break glass in case of an emergency

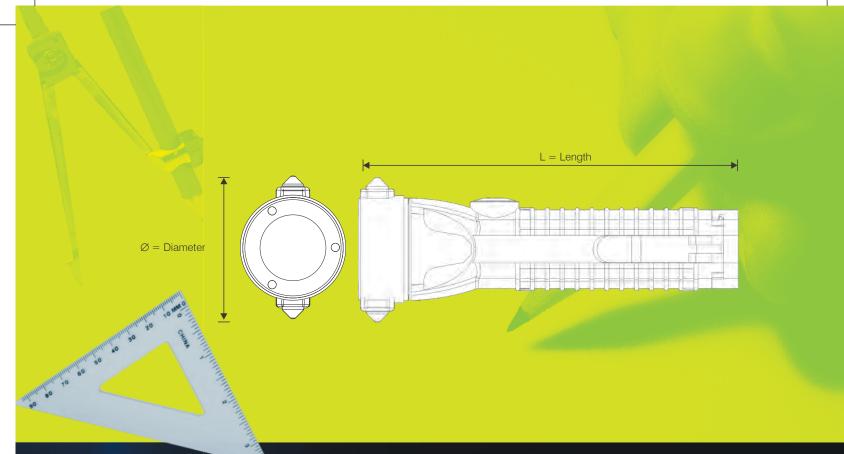
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Low power consumption



LED LIFE SAVER TORCH

	PRODUCT DESCRIPTION			DIMENSI	ONS (mm)		Packing (Single Box)
			PRODUCT CODE	Ø	L	M.R.P. Per Piece (₹)	
	LED Life Saver Torch 2W White		TRLS2WP20W	70	185	755.00	20 Nos
	Applications:						
	► Showrooms	► Hospitals		EUROPEAN	LM-80	INDOOR	
	► Malls	► Hotels					
		▶ Restaurants	3	HARMLESS	RoHS		
	► Offices	▶ Rural areas		FUR EYES		Contribution	

Conserve electricity to light up millions of homes!



You can do your bit for the environment and save money in the process by following these simple tips.

- Switch from traditional lighting systems to LED.
- Dirt and dust accumulation can reduce light output by 30%. So keep your bulbs/lamps/tubelights clean.
- Switch it off and save. Unplug all the appliances that you aren't using regularly even chargers continue to use electricity when they aren't charging.
- Let the sunshine in use natural light as much as possible.
- Turn off lights when you are not using them, even for just a few minutes.
- Provide task lighting over desks, tool benches etc. so that activities can be carried out without illuminating the entire room.
- Put lamps in the corner of a room so that the light is reflected off the walls.





Marketed by :

Su-Kam Power System Ltd. Plot No. 54, Udyog Vihar, Phase VI, Sector-37, Gurgaon, Haryana - 122001 Toll Free No. : 1800 102 4423 Website : www.su-kam.com e-mail : info@su-kam.com

> Manufactured by : **Fiem Industries Ltd.** SP1-C, Tapukara Industrial Estate Distt. Alwar - 301 707, Rajasthan (INDIA) Website :www.fiemindustries.com