

It runs with
the Sun

PowerCom

SNOW LED Bulb Lighting(AC)

Product Description-Bulb >>

Chips-On-Board is a new technology of LED integration for LED light engine. Multi LED chips are integrated together as one lighting module. COB can increase 10 times more lighting area. Fourth generation green lighting LED BULB is new cutting edge technology with advantage of saving energy and very long lifespan compare to traditional lighting such as fluorescent and incandescent lamp. LED bulb using high-power LED chip production, in order to prevent glare problems, shell typically use frosted glass or acrylic to produce. Can be driven directly by the mains, this products have a wide voltage input, from AC 85 ~ 270V input. POWERCOM-an ISO 9001:2008 certified company is offering SNOW LED BULB to the civilian people of Bangladesh in residential uses with economy price and quality.

Technological Disadvantages >>

- * Viewing angle not 360 deg
- * As it is super bright in a small size, it cause uncomfortable glare
- * Do loss light efficacy when it pass through diffuser
- * Photo biological safety recommended due to blue-hazard

Equivalent Wattages of LED and Incandescent Bulbs

LED	Incandescent
25-28W	150W
16-20W	100W
11-15W	70-100W
7-11W	60W
5-7W	40W
3W	25W
1W	10W



LED bulbs use 85% less energy and last up to 20 years longer than Incandescent Bulbs

Technological Disadvantages >>

- * **Tremendous Energy Saving:** In the same brightness saving more than 80-90% energy compared with conventional lamps
- * **Super Long Lifespan:** Lifespan can be up to 50000 hours, equivalent to energy-saving lamps 5 -10 times
- * **Low Heat Dissipation:** Solid cold light source, epoxy resin packaging, lower heat dissipation
- * **Healthy and Eco-friendly:** No flash, no mercury or other hazardous materials, accord with RoHS
- * **Good Color Rendering:** Lossless, color restore, visual clarity
- * **Vibration Resistance:** Made of Space aluminum, Strong and not easy to damage or break
- * **Efficiency:** Instant start, Low maintenance cost, No RF Interference, good performance

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Applications >>

- * Suitable for rural photovoltaic AC lighting in home, office etc
- * Suitable for indoor AC lighting in home, office, meeting room etc
- * Suitable for the AC lighting of shopping mall, exhibition hall, supermarket, hotel etc
- * Suitable for the AC lighting of light box and window advertising

Technical Parameters: Optical and Electrical >>

Model	SWO01-25W
Input Voltage	AC 85-270V
Input Power	01-25W
Color Temperature Range	2700-6500°K
Light Source	Lextar
Luminous Flux	85lm±10% (WW) / 100lm±10% (CW) every watt
Color Rendering Index	80 (WW)
Lifespan	50000hrs
Main Material	Die-casting aluminum/ PC
Operating Temperature	-10~+55°C

Salient features >>

Parents company Approvals	RoHS,CE,UL
Color Tones	Cool Color/Warm color
Base/Holder	E27 and Bayonet
Light Source Chip	Lextar/Netia
LED integration	NECIA
Body material	Integrated Stretching Aluminum
Diffuser	Milky PC/Frosted

Certifications >>

RoHS, CE, UL



Power Control & Management

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