

LED SPOTLIGHTS SERIES
PRODUCT SERIES DATASHEET



LED Spotlights Series



88Light LED Spotlights comes with SMD Osram LED CHIP which provides high brightness and excellent color rendering index, makes them ideal for office, Spa's shopping mall, Jewelry stores, exhibition halls and cove lighting application. Designed with energy-saving up to 90%, advanced heat dissipation technology and a internal constant current driver. CE (TUV) for EMC, LVD and RoHS approved.



Applications:



ShoppingMall



Bank



Exhibition hall



RailwayStation



Office



livingroom



JewelryStore



Residence

PRODUCT FEATURES

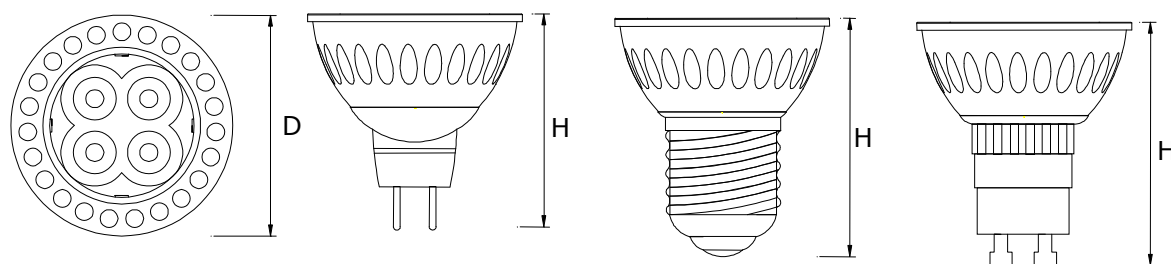
- High Brightness Osram SMD chip.
- Up to 90% energy saving compare with halogen Spotlight.
- Warm white/Nature white/Cool white options.
- Instant start, no flickering, no humming.
- Light is soft and uniform, no UV or IR in the beam, safe to eyes.
- Internal Driver, large range of input voltage from 200Vac to 240Vac.
- Using aluminum alloy material and PMMA lenses, for High thermal conductivity and better light beam.
- Can replace halogen bulbs without additional equipment needed.
- Easy to install and operate, different bases available, IP23 indoor applications.
- Green and eco-friendly without mercury.
- Long lifespan.
- CE (TUV) for EMC and LVD approved. FCC, C-TICK, SAA, and RoHS compliant.



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PRODUCT DIAGRAM ¹



Dimensions

Product Name	High [mm]	Diameter [mm]	Base
88L-SP-5W-MR16	48.5	50	Gu5.3
88L-SP-5W-E27	70	50	E27
88L-SP-5W-GU10	59	50	Gu10

Note 1: The structure drawing is only for showing the dimensions.

TECHNICAL DATA

Electrical characteristics ^{2, 3, 4}:

Product Name	Operating Voltage [V]	Frequency [Hz]	Power [W]	Power Factor	Shell Color	Dimmable [Y/N]
88L-SP-5W-MR16	ac/dc 12	50~60/--	5	0.75	Silver	Y
88L-SP-5W-E27	ac 85-265	50~ 60	5	0.8	Silver	Y
88L-SP-5W-GU10	ac 85-265	50~ 60	5	0.8	Silver	Y

Note 2: Absolute ratings @ 25°C.

Note 3: Dimmable or non-dimmable products available upon request.

Note 4: The operating temperature is - 20°C- 40°C

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TECHNICAL DATA

Optical Characteristics: ^{2, 3}

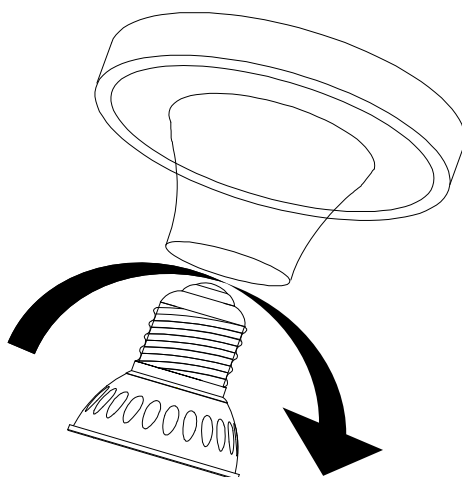
Product Name	Color	Color Temperature [°K]	Luminescence [lm]	CRI (Ra)	Beam Angle [°]
88L-SP-5W-CW	Cool White	6500	380	80	15/25/45/60
88L-SP-5W-NW	Nature White	4000	360	80	15/25/45/60
88L-SP-5W-WW	Warm White	3000	350	80	15/25/45/60

Note 2: Absolute ratings @ 25°C.

Note 3: Tolerance of measurement of luminous intensity±15%.

PRODUCT INSTALLATION:

Precaution: Switch off power before doing any works.



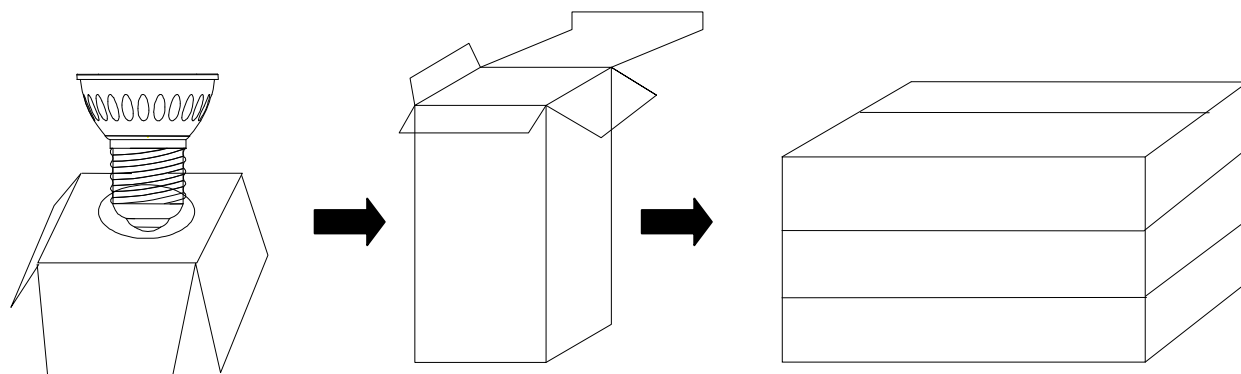
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SAFETY

1. **Always** consult a qualified, licensed electrician prior to the installation of this product.
2. **Always** ensure that all components are joined properly before they are installed.
3. If any doubt about the installation or use of this product, consult a competent electrician.
4. Switch off power of the mains supply or respectively of the connection lead before doing any works.
5. Assembly must not damage or destroy conducting paths.
6. Make sure that the product is mounted on a stable, even and tilt-fixed background.
7. LED products are continuously being improved upon in ever-shortening manufacturing cycles. LED color temperature (kelvin), lumen output, and product appearance can change from order to order. Please note that variation in color temperature (kelvin) is commonly +/- 250k and brightness (lumens) is +/- 10%.
8. Keep away from direct sunshine and high temperature.
9. Indoor use only.

PACKING^{4,5}:



Product Name	Outer Carton Size (L×W×H)[cm]	Qty/Carton [pcs]	Gross Weight [Kg]
88L-SP-5W-MR16	51x38x28	280	16.5
88L-SP-5W-E27	51x38x28	280	16.5
88L-SP-5W-GU10	51x38x28	280	16.5

Note 4: Tolerance of measurement of Net weight intensity±5g.

Note 5: the package information is only for reference

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OTHER 88Light PRODUCTS:

For more information about 88Light products, or to use our online energy saving calculation software please visit our website

www.88light.com

DISCLAIMER:

88Light reserves the right to modify the design of our products as part of the company's program of continuous improvement. 88Light cannot guarantee to match existing installed product for subsequent orders or replace the product exactly to match the product you are replacing in product appearance, color, or brightness. Specifications are subject to change without notice.