



DATA SHEET

Model: 12×1W High Power LED Spotlight

File No.: TSPOTLIGHT505

Version: 1.1

Description:

- High Power LED
- Different Shell
- Aluminum Shell
- Plating Surface Treatment



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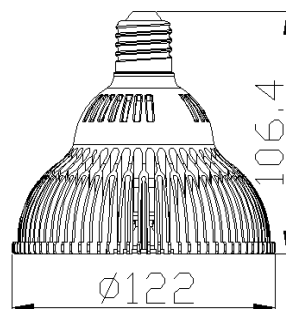
Features:

- ※ High luminous intensity.
- ※ High efficiency
- ※ Wide input voltage: 85~265V AC
- ※ Instant light
- ※ Available for all colors
- ※ Easy-equipped
- ※ More energy efficient than incandescent and most halogen lamps
- ※ No UV
- ※ Very long operating life (50000h)

Applications

- ※ General lights
- ※ Decorative and entertainment illumination

Pictures and Dimensions



- Notes: 1. All dimensions unit in mm.
2. The tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.



Optical Characteristics

Part No.	Color	Qty of LEDs (PCS)	Wavelength (nm)/ C T (K)	Luminous Flux (Lm)	Color-rendering Index(Ra)
HH-SPE2712×1WR	Red	12	620-630	270	—
HH-SPE2712×1WG	Green	12	520-530	500	—
HH-SPE2712×1WB	Blue	12	460-470	160	—
HH-SPE2712×1WY	Yellow	12	585-595	270	—
HH-SPE2712×1WW	White	12	5000-7000K	800	75
HH-SPE2712×1WWR	Warm White	12	2500-3500K	800	70

Typical Performance (Ta =25℃)

Items	Symbol	Min.	Typ.	Max.	Unit
Input Voltage	Vin	85	110/220	265	V
Viewing Angle	θ	—	30	—	deg
Estimated Life	Life	—	50000	—	hrs
Body Temperature	T	—		60	℃

Notes:

1. The estimated life of tube light with Hehui's lamps are estimated base on the LED light 4-8 hours each day.
2. The brightness and operating voltage can be designed according to customer specifications.
3. Rank ratings will be determined by Hehui, if you have any request or queries for Hehui products, please directly contact salesman.
4. Specifications are subject to change without notice.

Absolute Maximum Ratings (Ta =25℃)

Items	Symbol	Rating	Unit
Input Voltage	Vin	AC/DC 85-265	V
Operating Frequency	F	50-60	Hz
Operating Temperature	Tope	-30—+50	℃
Storage Temperature	Tstr	-40—+80	℃



Packing

