

Samsung LED Lamp

Optimum Range

PAR30 / 15W / 800lm / 53LPW / 40° / 2700K

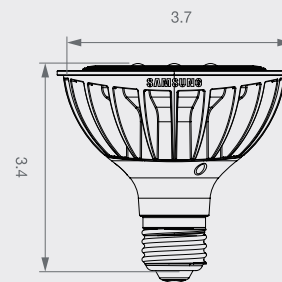
SI-P9W163BD1US



Product

Model name	SI-P9W163BD1US
Maker	Samsung Electronics
Bar Code	887276988061
Voltage	AC120V
Equivalent to	75W
Power Consumption	15W
Lamp Base holder	E26

Dimensional drawing (unit : inch)



Customer Benefits

- High CRI helps bring out the truest colors without fading the merchandise
- Equivalent light levels to a standard 75W short neck halogen PAR30
- Uses standard (ANSI) base and socket to fit seamlessly into existing fixtures
- 80% less energy consumption compared to traditional halogen
- More than 25,000 hours average operating life (12.5x longer than traditional halogen) helps reduce maintenance costs
- Contains no mercury or hazardous materials (RoHS compliant)
- Emits no UV or IR

Application

Retail, Hospitality, Office, Museum, and Restaurant (Suitable for accent lighting)

SAMSUNG ELECTRONICS LED Lamp SI-P9W163BD1US



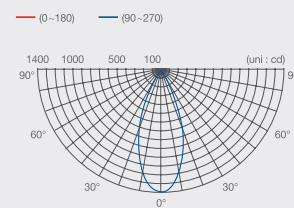
Specifications

Model name	SI-P9W163BD1US
Lumen output (lm)	800
Lamp efficacy (lm/W)	53
Frequency (Hz)	50/60
Input current (mA)	125
Power factor	≥ 0.9
CBCP (cd)	1,400
On/Off cycles	-
Beam angle (°)	40
Operating temperature (°F)	-4~+104
Average lifetime (hrs)	25,000 (22.8 years*)
Color description	Warm White
Color temperature (K)	2700
Color rendering index (Ra)	94
R9 Value	85
Diameter (inch)	3.7
Overall length (inch)	3.4
Dimmable	Yes
Weight (oz)	9.5
Certification	UL, Energy Star
Warranty	5 years

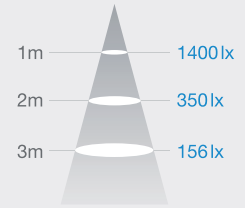
※Specifications are subject to change without notice.

*years : Average usage of 3hrs per Day

Lighting Data



Light Distribution



Illuminance (lx)

Packaging Details

- Single Box (1pc) : 4.1inch×4.1inch×4.1inch / 12.6oz
- Middle Box (6pc/box) : 12.6inch×8.4inch×4.3inch / 81.8oz
- Outer carton (36pc/box) : 26.2inch×13.0inch×9.4inch / 523.1oz

Dimmer Compatibility

Dimmer						Dimming Level @ 1 lamp (flux%)		Dimming Performance @ Multi-Lamps			
Manufacturer	Model	Power	Input	Frequency	Country/Region	Max	Min	2 Lamp	3 Lamp	4 Lamp	5 Lamp
LUTRON	TG-600P	600W	120V	60Hz	USA	100%	12%	Good	Good	Good	Good
LUTRON	MIR-600M-WH	600W	120V	60Hz	USA	100%	5%	Good	Good	Good	Good
LUTRON	S-600PH-WH	600W	120V	60Hz	USA	100%	9%	Good	Good	Good	Good
LEVITON	IP106	600W	120V	60Hz	USA	100%	13%	Good	Good	Good	Good
GE	6633-P	600W	120V	60Hz	USA	100%	10%	Good	Good	Good	Good
LEVITON	6683	600W	120V	60Hz	USA	100%	5%	Good	Good	Good	Good
LEVITON	700I	600W	120V	60Hz	USA	100%	5%	Good	Good	Good	Good
LEVITON	OG38L1	600W	120V	60Hz	USA	100%	7%	Good	Good	Good	Good
GE	18020	600W	120V	60Hz	USA	100%	13%	Good	Good	Good	Good
LUTRON	DV-600P-WH	600W	120V	60Hz	USA	100%	9%	Good	Good	Good	Good
LEVITON	6641	600W	120V	60Hz	USA	100%	7%	Good	Good	Good	Good
LEVITON	IP110-1LZ	1000W	120V	60Hz	USA	100%	15%	Good	Good	Good	Good
LEVITON	6602	600W	120V	60Hz	USA	100%	7%	Good	Good	Good	Good
COOPER	9530W	600W	120V	60Hz	USA	100%	7%	Good	Good	Good	Good
COOPER	9532W	1000W	120V	60Hz	USA	100%	8%	Good	Good	Good	Good
GE	52129	600W	120V	60Hz	USA	100%	7%	Good	Good	Good	Good
GE	18025	1000W	120V	60Hz	USA	100%	7%	Good	Good	Good	Good
LUTRON	GL-600P-WH	600W	120V	60Hz	USA	100%	10%	Good	Good	Good	Good
LUTRON	NT-603P	1500W	120V	60Hz	USA	100%	6%	Good	Good	Good	Good
LUTRON	DVCL-153P-WH	600W	120V	60Hz	USA	100%	18%	Good	Good	Good	Good
COOPER	RI061	600W	120V	60Hz	USA	100%	13%	Good	Good	Good	Good
LUTRON	GRAFIK Eye	-	120V	60Hz	USA	100%	5%	Good	Good	Good	Good
LEVITON	81500-W	1500W	120V	60Hz	USA	not compatible		not compatible			
LEVITON	82000-W	2000W	120V	60Hz	USA	not compatible		not compatible			

Note 1. Dimming Performance : Good(Dimming Coverage without flicker : 75% ↑), Working(41~74%), Poor(40% ↓)

2. This result can only be used as reference. The result may vary according to actual field conditions.