

Samsung LED Lamp

Performer Range

BR40 / 15.5W / 990lm / 64LPW / 3000K

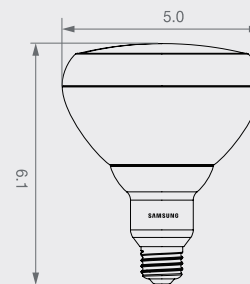
SI-P8V181GF1US



Product

Model name	SI-P8V181GF1US
Maker	Samsung Electronics
Bar Code	887276987989
Voltage	AC 120V
Equivalent to	90W
Power Consumption	15.5W
Lamp Base holder	E26

Dimensional drawing (unit : inch)



Customer Benefits

- Equivalent light levels to a standard 90W incandescent BR40
- Uses standard (ANSI) base and socket to fit seamlessly into existing fixtures
- 83% less energy consumption compared to traditional incandescent
- More than 25,000 hours average operating life (25x longer than traditional incandescent) helps reduce maintenance costs
- Contains no mercury or hazardous materials (RoHS compliant)
- Emits no UV or IR
- Provides warm, diffuse, dimmable light (see dimmer compatibility list in following pages)

Application

Residential, Hospitality, Restaurant, Office and Retail (Suitable for general, ambient lighting)

SAMSUNG ELECTRONICS LED Lamp SI-P8V181GF1US



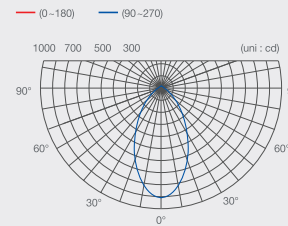
Specifications

Model name	SI-P8V181GF1US
Lumen output (lm)	990
Lamp efficacy (lm/W)	64
Frequency (Hz)	50/60
Input current (mA)	130
Power factor	≥ 0.9
CBCP (cd)	-
On/Off cycles	-
Beam angle (°)	60
Operating temperature (°F)	-4~+104
Average lifetime (hrs)	25,000 (22.8 years*)
Color description	Warm White
Color temperature (K)	3000
Color rendering index (Ra)	80
R9 Value	-
Diameter (inch)	5.0
Overall length (inch)	6.1
Dimmable	Yes
Weight (oz)	14.8
Certification	UL, Energy Star
Warranty	5 years

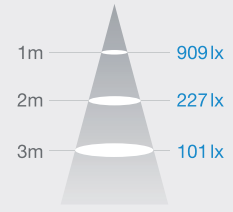
※Specifications are subject to change without notice.

* years : Average usage of 3hrs per Day

Lighting Data



Light Distribution



Illuminance (lx)

Packaging Details

- Single Box (1pc) : 5.2inch×5.2inch×6.9inch / 20.2oz
- Middle Box (6pc/box) : 16.3inch×10.9inch×7.3inch / 133.7oz
- Outer carton (12pc/box) : 16.8inch×11.3inch×15.5inch / 275.8oz

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%	14%	Good	Good	Good	Good
LUTRON	TG-603PG	600W	120V	60Hz	USA	100%	20%	Good	Good	Good	Good
LUTRON	MIR-600	600W	120V	60Hz	USA	100%	7%	Good	Good	Good	Good
LUTRON	DV-603PG	600W	120V	60Hz	USA	100%	17%	Good	Good	Good	Good
LUTRON	MIR-600M-WH	600W	120V	60Hz	USA	100%	6%	Good	Good	Good	Good
LUTRON	S-600PH-WH	600W	120V	60Hz	USA	100%	10%	Good	Good	Good	Good
LEVITON	IP106	600W	120V	60Hz	USA	100%	14%	Good	Good	Good	Good
GE	6633-P	600W	120V	60Hz	USA	100%	16%	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%	6%	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%	11%	Good	Good	Good	Good
LEVITON	6641	600W	120V	60Hz	USA	100%	5%	Good	Good	Good	Good
LEVITON	IP110-1LZ	1000W	120V	60Hz	USA	100%	17%	Good	Good	Good	Good
LEVITON	6602	600W	120V	60Hz	USA	100%	5%	Good	Good	Good	Good
LEVITON	81500-W	1500W	120V	60Hz	USA	100%	10%	Good	Good	Good	Good
LEVITON	82000-W	2000W	120V	60Hz	USA	100%	11%	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%	5%	Good	Good	Good	Good
GE	18025	1000W	120V	60Hz	USA	100%	11%	Good	Good	Good	Good
LUTRON	GL-600P-WH	600W	120V	60Hz	USA	100%	11%	Good	Good	Good	Good
LUTRON	DVCL-153P-WH	600W	120V	60Hz	USA	100%	22%	Good	Good	Good	Good
COOPER	RI061	600W	120V	60Hz	USA	100%	13%	Good	Good	Good	Good

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