

# Samsung LED Lamp

## Performer Range

PAR38 / 19W / 1,440lm / 76LPW / 40° / 3000K

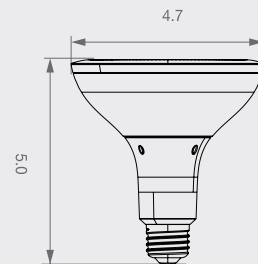
GD8VH5020DD1US



### Product

Model name	GD8VH5020DD1US
Maker	Samsung Electronics
Bar Code	887276560151
Voltage	AC120V
Equivalent to	85W
Power Consumption	19W
Lamp Base holder	E26

### Dimensional drawing (unit : inch)



### Customer Benefits

- Equivalent light levels to a standard 85W halogen PAR38
- Uses standard (ANSI) base and socket to fit seamlessly into existing fixtures
- 78% 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
- Highlight merchandise without fading colors

### Application

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

# SAMSUNG ELECTRONICS LED Lamp GD8VH5020DD1US



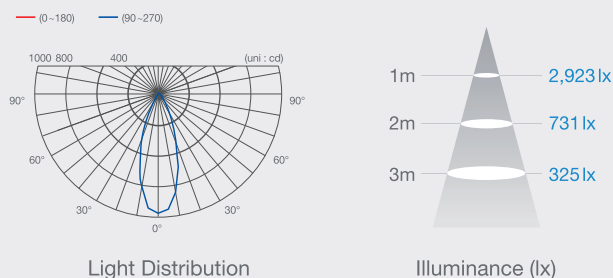
## Specifications

Model name	GD8VH5020DD1US
Lumen output (lm)	1,440
Lamp efficacy (lm/W)	76
Frequency (Hz)	60
Input current (mA)	160
Power factor	≥ 0.9
CBCP (cd)	2,500
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)	3000
Color rendering index (Ra)	80
R9 Value	-
Diameter (inch)	4.7
Overall length (inch)	5.0
Dimmable	Yes
Weight (oz)	11.3
Certification	UL, Lighting Facts
Warranty	5 years

※Specifications are subject to change without notice.

\* years : Average usage of 3hrs per Day

## Lighting Data



## Packaging Details

- Single Box (1pc) : 4.8inch×4.8inch×5.9inch / 14.9oz
- Middle Box (6pc/box) : 10.2inch×5.2inch×12.4inch / 67.0oz
- Outer carton (24pc/box) : 27.8inch×10.7inch×13.2inch / 359.4oz

## Dimmer Compatibility

No.	Manufacturer	Models	Power	Input	Frequency	Country	Dimming Level @ 1 lamp (Output Current)			Dimming Level (Flux%)		Dimming Performance @ Multi-Lamps			
							Max	Min	Flicker (mA)	Max	Min	2 Lamp	3 Lamp	4 Lamp	5 Lamp
#2	LUTRON	TG-600P	600W	120V	60Hz	US	380	45	-	89%	11%	Good	Good	Good	Good
#3	LUTRON	TG-603PG	600W	120V	60Hz	US	258	46	-	60%	11%	working	working	working	working
#5	LUTRON	DV-603PG	600W	120V	60Hz	US	260	40	-	61%	9%	working	Good	Good	Good
#6	LUTRON	MIR-600M-WH	600W	120V	60Hz	US	360	42	42	84%	10%	Good	Good	Good	Good
#7	LUTRON	S-600PH-WH	600W	120V	60Hz	US	415	44	44	97%	10%	Good	Good	Good	Good
#10	GE	6633-P	600W	120V	60Hz	US	424	44	-	99%	10%	Good	Good	Good	Good
#11	LEVITON	6683	600W	120V	60Hz	US	418	40	40	98%	9%	Good	Good	Good	Good
#14	LEVITON	6631	600W	120V	60Hz	US	385	41	41	90%	10%	Good	Good	Good	Good
#15	LEVITON	OG38L1	600W	120V	60Hz	US	420	40	-	98%	9%	Good	Good	Good	Good
#16	GE	18020	600W	120V	60Hz	US	423	60	-	99%	14%	Good	Good	Good	Good
#17	LUTRON	DV-600P-WH	600W	120V	60Hz	US	357	20	40	83%	9%	Good	Good	Good	Good
#18	LEVITON	6641	600W	120V	60Hz	US	425	40	40	99%	9%	Good	Good	Good	Good
#19	LEVITON	IP110-1LZ	1000W	120V	60Hz	US	404	62	-	94%	14%	Good	Good	Good	Good
#20	LEVITON	6602	600W	120V	60Hz	US	418	39	39	98%	9%	Good	Good	Good	Good
#21	LEVITON	81500-W	1500W	120V	60Hz	US	418	50	50	98%	12%	Good	Good	Good	Good
#22	LEVITON	82000-W	2000W	120V	60Hz	US	420	48	48	98%	11%	Good	Good	Good	Good
#25	GE	52129	600W	120V	60Hz	US	418	40	40	98%	9%	Good	Good	Good	Good
#26	GE	18025	1000W	120V	60Hz	US	424	44	-	99%	10%	Good	Good	Good	Good
#27	LUTRON	GL-600P-WH	600W	120V	60Hz	US	378	40	40	88%	9%	Good	Good	Good	Good
#29	LUTRON	MRF2-6ND-120-WH	2000W	120V	60Hz	US	Not compatible								
#30	LUTRON	DVCL-153P-WH	600W	120V	60Hz	US	370	70	-	86%	16%	Good	Good	Good	Good
#31	COOPER	RI061	600W	120V	60Hz	US	405	44	-	95%	10%	Good	Good	Good	Good
	LUTRON	S-603P	600W	120V	60Hz	US	380	40	-	91%	10%	Good	Good	Good	Good
	LUTRON	S-600P	600W	120V	60Hz	US	380	41	-	89%	11%	Good	Good	Good	Good
#9	LEVITON	IP106	600W	120V	60Hz	US	425	44	-	99%	10%	Good	Good	Good	Good

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