

Samsung LED Lamp

Performer Range

PAR20 / 7.4W / 550lm / 74LPW / 36° / 3000K

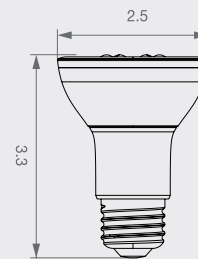
GD8VH5008AD1US



Product

Model name	GD8VH5008AD1US
Maker	Samsung Electronics
Bar Code	887276560090
Voltage	AC120V
Equivalent to	50W
Power Consumption	7.4W
Lamp Base holder	E26

Dimensional drawing (unit : inch)



Customer Benefits

- Equivalent light levels to a standard 50W halogen PAR20
- Uses standard (ANSI) base and socket to fit seamlessly into existing fixtures
- 85% 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 GD8VH5008AD1US

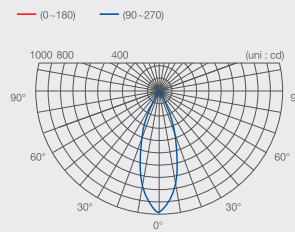


Specifications

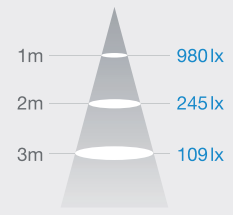
Model name	GD8VH5008AD1US
Lumen output (lm)	550
Lamp efficacy (lm/W)	74
Frequency (Hz)	60
Input current (mA)	62
Power factor	≥ 0.9
CBCP (cd)	980
On/Off cycles	-
Beam angle (°)	36
Operating temperature (°F)	-4~+104
Average lifetime (hrs)	25,000 (22.8 years*)
Color description	Warm White
Color temperature (K)	3000
Color rendering index (Ra)	80
R9 Value	-
Diameter (inch)	2.5
Overall length (inch)	3.3
Dimmable	Yes
Weight (oz)	4.1
Certification	UL, Lighting Facts
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) : 2.5inchx2.5inchx4.0inch / 5.1oz
- Middle Box (6pc/box) : 8.1inchx5.3inchx4.3inch / 32.5oz
- Outer carton (24pc/box) : 11.4inchx8.7inchx9.8inch / 140.7oz

Dimmer Compatibility

No.	Dimmer	Manufacturer	Models	Power	Input	Frequency	Country	Dimming Level @ 1 lamp (Output Current)			Dimming Level @ 1 lamp (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	145	13	-	91%	8%	Good	Good	Good	Good	
#3	LUTRON	TG-603PG	600W	120V	60Hz	US	100	13	-	63%	8%					
#5	LUTRON	DV-603PG	600W	120V	60Hz	US	100	11	-	63%	7%					
#6	LUTRON	MIR-600M-WH	600W	120V	60Hz	US	145	9	-	91%	6%	Good	Good	Good	Good	
#7	LUTRON	S-600PH-WH	600W	120V	60Hz	US	155	7	-	97%	4%	Good	Good	Good	Good	
#10	GE	6633-P	600W	120V	60Hz	US	160	12	-	100%	8%					
#11	LEVITON	6683	600W	120V	60Hz	US	160	5	-	100%	3%	Good	Good	Good	Good	
#14	LEVITON	6631	600W	120V	60Hz	US	148	6	-	93%	4%	Good	Good	Good	Good	
#15	LEVITON	OG38L1	600W	120V	60Hz	US	160	4	-	100%	3%					
#16	GE	18020	600W	120V	60Hz	US	160	17	-	100%	11%	Good	Good	Good	Good	
#17	LUTRON	DV-600P-WH	600W	120V	60Hz	US	140	10	-	88%	6%	Good	Good	Good	Good	
#18	LEVITON	6641	600W	120V	60Hz	US	160	10	-	100%	6%	Good	Good	Good	Good	
#19	LEVITON	IP110-1LZ	1000W	120V	60Hz	US	150	7	50	94%	31%	Good	Good	Good	Good	
#20	LEVITON	6602	600W	120V	60Hz	US	160	10	-	100%	6%	Good	Good	Good	Good	
#21	LEVITON	81500-W	1500W	120V	60Hz	US	Not compatible									
#22	LEVITON	82000-W	2000W	120V	60Hz	US	Not compatible									
#25	GE	52129	600W	120V	60Hz	US	160	6	-	100%	4%	Good	Good	Good	Good	
#26	GE	18025	1000W	120V	60Hz	US	160	10	-	100%	6%	Good	Good	Good	Good	
#27	LUTRON	GL-600P-WH	600W	120V	60Hz	US	144	9	-	90%	6%	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	140	19	-	88%	12%	Good	Good	Good	Good	
#31	COOPER	RI061	600W	120V	60Hz	US	155	10	-	97%	6%	Good	Good	Good	Good	
	LUTRON	S-603P	600W	120V	60Hz	US	144	8	-	90%	5%	Good	Good	Good	Good	
	LUTRON	S-600P	600W	120V	60Hz	US	144	10	-	90%	7%	Good	Good	Good	Good	
#9	LEVITON	IP106	600W	120V	60Hz	US	160	15	-	100%	9%	Good	Good	Good	Good	

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