

# SAMSUNG ELECTRONICS LED Lamp GD8WH5012GK0US

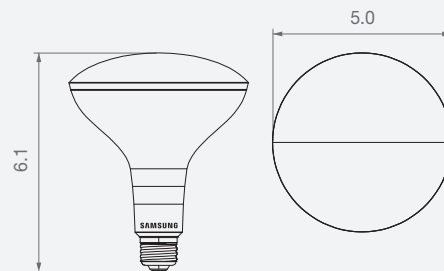
Performer Range  
BR40 / 14.5W / 1050lm / 72LPW / 2700K



## Product

Model name	GD8WH5012GK0US
Maker	Samsung Electronics
Bar Code	887276057682
Voltage	AC 120V
Equivalent to	75W
Power Consumption	14.5W
Lamp Socket holder	E26

## Dimensional drawing (unit : inch)



## Customer Benefits

- 75W equivalent light levels and distribution by using standard (ANSI) base/socket and form factors
- 81% less energy consumption compared to traditional lamps
- More than 25,000 hours average operating life (25 times longer than traditional lamps)
- Contains no mercury or hazardous materials (RoHS Compliant) / • Emits no UV
- Suitable for public areas that must always be lit: long lifetime (25,000 hours) & high efficiency

## Application

Public areas (lobbies, corridors, stairwells), Restaurants, Shops, Bars, Cafés, Residential areas

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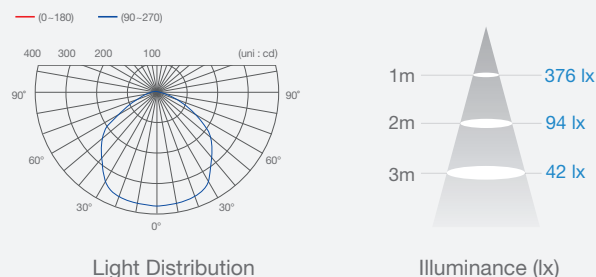
## Specifications

Model name	GD8WH5012GK0US
Wattage (W)	14.5
Lumen output (lm)	1,050
Lamp efficacy (lm/W)	72
Frequency (Hz)	60
Input current (mA)	124
Power factor	0.7
CBCP (cd)	-
On/Off cycles	-
Beam angle (°)	110
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)	80
Diameter (inch)	5.0
Overall length (inch)	6.1
Dimmable	Yes
Weight (oz)	12.7
Certification	UL, FCC, Lighting Facts

※ Specifications are subject to change without notice.

\* years : Average usage of 3hrs per Day

## Lighting Data



## Packaging Details

- Single Box (1pc) : 5.8inch×5.2inch×7.7inch / 16.7oz
- Middle Box (4pc/box) : 12.1inch×10.9inch×8.1inch / 77.5oz
- Outer Carton (16pc/box) : 22.6inch×12.6inch×17.0inch / 327.7oz

## Dimmer Compatibility

Dimmer							Dimming Level @ 1 lamp (Flux %)		Dimming Performance @ Multi-Lamps				
Manufacturer	Model	Power	Input	Frequency	Country/Region	Max	Min	1 Lamp	2 Lamp	3Lamp	4 Lamp	5 Lamp	
LUTRON	D-600PH	600W	120V	60Hz	US	100%	2%	Good	Good	Good	Good	Good	
LUTRON	TG-600P	600W	120V	60Hz	US	100%	7%	Good	Good	Good	Good	Poor	
LUTRON	TG-603PG	600W	120V	60Hz	US	100%	7%	Good	Good	Good	Good	Good	
LUTRON	MIR-600M-WH	600W	120V	60Hz	US	100%	3%	Good	Working	Good	Good	Poor	
LUTRON	S-600PH-WH	600W	120V	60Hz	US	100%	3%	Good	Good	Good	Good	Good	
LEVITON	IP106	600W	120V	60Hz	US	100%	10%	Good	Good	Good	Good	Good	
LEVITON	6683	600W	120V	60Hz	US	100%	3%	Good	Good	Good	Good	Good	
LEVITON	6631	600W	120V	60Hz	US	100%	4%	Good	Good	Good	Good	Poor	
LEVITON	OG38L1	600W	120V	60Hz	US	100%	4%	Good	Good	Good	Good	Good	
GE	18020	600W	120V	60Hz	US	100%	8%	Good	Good	Good	Good	Good	
LUTRON	DV-600P-WH	600W	120V	60Hz	US	100%	4%	Good	Good	Good	Good	Poor	
LEVITON	6641	600W	120V	60Hz	US	100%	3%	Good	Good	Good	Good	Good	
LEVITON	6602	600W	120V	60Hz	US	100%	3%	Good	Good	Good	Good	Good	
LEVITON	82000-W	2000W	120V	60Hz	US	100%	8%	Good	Good	Good	Good	Poor	
GE	52129	600W	120V	60Hz	US	100%	3%	Good	Good	Good	Good	Good	
GE	18025	1000W	120V	60Hz	US	100%	3%	Good	Working	Working	Working	Working	
LUTRON	GL-600P-WH	600W	120V	60Hz	US	100%	4%	Good	Good	Good	Good	Poor	
LUTRON	DVCL-153P-WH	600W	120V	60Hz	US	100%	20%	Good	Good	Good	Good	Good	
COOPER	RI061	600W	120V	60Hz	US	100%	11%	Poor	Working	Working	Working	Working	
LUTRON	S603P	400W	120V	60Hz	US	100%	3%	Good	Good	Good	Working	Poor	
LUTRON	MACL-153M	600W	120V	60Hz	US	100%	5%	Good	Working	Working	Working	Working	

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