

# SAMSUNG ELECTRONICS LED Lamp

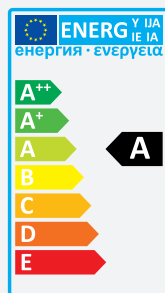
## SI-M8V093BD1EU

Performer Range  
PAR16 / 7.7W / GU10 / 40° / 3000K

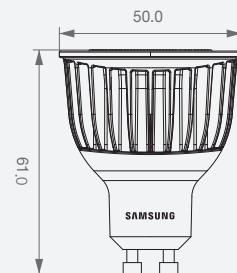


### Product

Model name	SI-M8V093BD1EU
Maker	Samsung Electronics
Bar Code	8806085470835
Voltage	AC 220~240V
Equivalent to	50+W
Power Consumption	7.7W
Lamp Socket holder	GU10



### Dimensional drawing (unit : mm)



### Customer Benefits

- 50+W equivalent light levels and distribution by using standard (ANSI) base/socket and form factors
- 85% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 25,000 hours average operating life (12.5 times longer than halogen lamps)
- ideal solution for spot lighting with choice of beam angles (Accent type: 25°, General type: 40°)
- compatible with an extensive range of dimmers (\*pls see recommended dimmer list)

### Application

Hotels, Restaurants, Shops, Museums, Exhibitions, Bars, Cafés  
(Suitable for accent lighting)

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## SI-M8V093BD1EU

### Specifications

Model name	SI-M8V093BD1EU
Lumen output (lm)	450
Lamp efficacy (lm/W)	58
Frequency (Hz)	50/60
Input current (mA)	37
Power factor	≥ 0.8
CBCP (cd)	950
Lumen Maintenance Factor	L70
Warm-up time	Instant full light
Color consistency	≤ MacAdam 6-step
On/Off cycles	50,000
Beam angle (°)	40
Operating temperature (°C)	-20~+40
Average lifetime (hrs)	25,000 (25.4 years*)
Color description	Warm White
Color temperature (K)	3000
CRI (Ra)	80
Diameter (mm)	50.0
Overall length (mm)	61.0
Starting time (s)	0.1
Dimmable	Yes
Weight (g)	85
Energy Efficiency Index	A
Energy consumption (kWh/1000h)	8
Certification	CE

※Specifications are subject to change without notice.

\* years : Average usage of 2.7hrs per Day

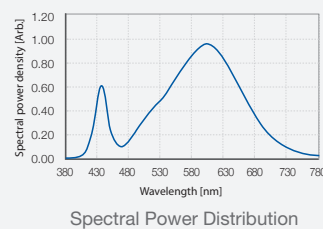
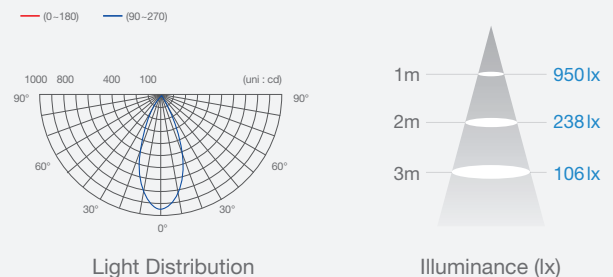
### Dimmer Compatibility

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
BERKER	2873	20~500W	230V	50Hz	EU	100%	2%	Good	Good	Good	Good
PEHA	433HAB	20~315W	230V	50Hz	EU	100%	7%	Good	Good	Good	Good
PEHA	434	60~400W	230V	50Hz	EU	100%	4%	Good	Good	Good	Good
JUNG	266GDE	60~600W	230V	50Hz	EU	100%	7%	Good	Good	Good	Good
NIKO	310-01X00	60~250W, 60~300W	230V	50Hz	EU	100%	14%	Good	Good	Good	Good
JUNG	225NVDE	20~500W	230V	50Hz	EU	100%	11%	Good	Good	Good	Good
BUSCH-JAEGER	2200U-503	60~400W	230V	50Hz	EU	100%	24%	Poor	Poor	Poor	Poor
BUSCH-JAEGER	2247U	500W	230V	50Hz	EU	100%	6%	Good	Good	Good	Good
BUSCH-JAEGER	6513U-102	40~420W	230V	50Hz	EU	100%	7%	Good	Good	Good	Good
BUSCH-JAEGER	2250U	600W	230V	50Hz	EU	100%	6%	Good	Good	Good	Good
BUSCH-JAEGER	6591U-101	420W	230V	50Hz	EU	100%	8%	Good	Good	Good	Good
GIRA	0307/00	60~400W	230V	50Hz	EU	100%	6%	Good	Good	Good	Good
Schneider electric	MEK-S 300LR	20~300W	230V	50Hz	EU	100%	20%	Good	Good	Good	Good
ELKO	315GLE	20~315W	230V	50Hz	EU	100%	18%	Good	Good	Good	Good

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.

### Lighting Data



### Packaging Details

- Single Box (1pc) : 54mm×54mm×75mm / 120g
- Middle Box (10pc/box) : 285mm×115mm×80mm / 1,290g
- Outer carton (40pc/box) : 296mm×248mm×183mm / 5,610g