

# Samsung LED Lamp

## Performer Range

MR16 / 7W / 350lm / 50LPW / 40° / 2700K

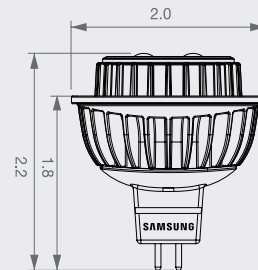
SI-M8W085AD1US



### Product

Model name	SI-M8W085AD1US
Maker	Samsung Electronics
Bar Code	887276987828
Voltage	AC/DC12V
Equivalent to	35W
Power Consumption	7W
Lamp Base holder	GU 5.3

### Dimensional drawing (unit : inch)



### Customer Benefits

- Equivalent light levels to a standard 35W halogen MR16
- Uses standard (ANSI) base and socket to fit seamlessly into existing fixtures
- 80% 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
- Compatible with an extensive range of transformers (see transformer compatibility list in following pages)

### Application

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

# SAMSUNG ELECTRONICS LED Lamp SI-M8W085AD1US



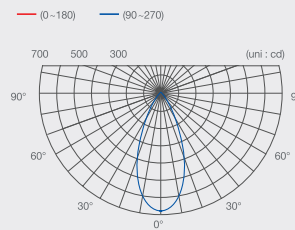
## Specifications

Model name	SI-M8W085AD1US
Lumen output (lm)	350
Lamp efficacy (lm/W)	50
Frequency (Hz)	50/60
Input current (mA)	670
Power factor	≥ 0.8
CBCP (cd)	680
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)	2700
Color rendering index (Ra)	80
R9 Value	-
Diameter (inch)	2.0
Overall length (inch)	2.2
Dimmable	Yes
Weight (oz)	2.3
Certification	UL
Warranty	5 years

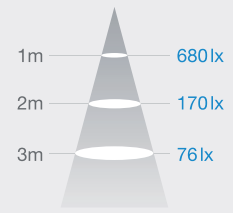
※Specifications are subject to change without notice.

\* years : Average usage of 3hrs per Day

## Lighting Data



Light Distribution



Illuminance (lx)

## Packaging Details

- Single Box (1pc) : 2.1inch×2.1inch×3.0inch / 3.3oz
- Middle Box (10pc/box) : 11.2inch×4.5inch×3.2inch / 36.3oz
- Outer carton (40pc/box) : 11.7inch×9.8inch×7.2inch / 161.2oz

# SAMSUNG ELECTRONICS LED Lamp SI-M8W085AD1US

## Transformer Compatibility

Region / Country	No.	Manufacture and Part Number	Power rating (W)	Operating voltage (V)	Frequency (Hz)
USA	1	HATCH/RS12-80M 120V	80	120	50/60
USA	2	LIGHTTECH/LET 75 120V	75	120	60
USA	3	LIGHTTECH/LET 60 120V	60	120	60
USA	4	L.T.F TA60WA/2LED-0000	60	120	50/60
USA	5	ELG SKOKIE IC 60077(변압기)	60	120	50/60
USA	6	HATCH/RS12-60M 120V DC:1121	60	120	50/60
USA	7	HATCH/RS12-60M 120V DC:1119LED	15	120	50/60
USA	8	HATCH/RS12-15M-LED 120V DC:0611LED	12~60	120	50/60
USA	9	HATCH/VS12-60WD 120V DC:0611	5-20	120	60
USA	10	HATCH/VS12-60W 120V DC:4109GNW	5-20	120	60
USA	11	HATCH/PS12-20L	20	120	60
USA	12	SEBCO 120V 60Hz 2.75A 300W	300	120	60
USA	13	Magnitude M250SOD 120V 60Hz 250W	250	120	60
USA	14	JUNO Lighting 120V 0.51A 60Hz Load-Blu 12V 4.17A 50VA	50	120	60
USA	15	Seegul Lighting 120V 60Hz	150	120	60

## Dimmer Compatibility

Transformer		1	2	3	4
No.		1	2	3	4
Manufacturer		HATCH	HATCH	HATCH	PHILIPS
Models		RS12-80M	RS12-60M	PS12-20L	ADVANC E71A9743
Power		80W	60W	5-20W	75W

Dimmer	No.	Manufacturer	Models	Power	Country	Dimming Performance			
						1	2	3	4
	1	LUTRON	TG-600P	600W	USA	Good	Good	Good	Good
	2	LUTRON	TG-603PG	600W	USA	Good	Good	Good	Good
	3	LUTRON	MIR-600	600W	USA	N/A	N/A	N/A	N/A
	4	LUTRON	DV-603PG	600W	USA	Good	Good	Good	Good
	5	LUTRON	MIR-600M-WH	600W	USA	N/A	N/A	N/A	N/A
	6	LUTRON	S-600PH-WH	600W	USA	Good	Good	Good	Good
	7	LEVITON	IP106	600W	USA	Good	Good	Good	Good
	8	GE	6633-P	600W	USA	Good	Good	Good	Good
	9	LEVITON	6683	600W	USA	Good	Good	Working	Good
	10	LEVITON	700I	600W	USA	Good	Good	Good	Good
	11	LEVITON	OG38L1	600W	USA	Good	Good	Good	Working
	12	GE	18020	600W	USA	Working	Good	Working	Working
	13	LUTRON	DV-600P-WH	600W	USA	Good	Good	Good	Good
	14	LEVITON	6641	600W	USA	Working	Good	Good	Working
	15	LEVITON	IP110-1LZ	1000W	USA	Good	Good	Working	Good
	16	LEVITON	6602	600W	USA	Good	Good	Working	Working
	17	LEVITON	81500-W	1500W	USA	Poor	Poor	Good	Working
	18	LEVITON	82000-W	2000W	USA	Poor	Poor	Good	Working
	19	COOPER	9530W	600W	USA	Good	Good	Good	Good
	20	COOPER	9532W	1000W	USA	Good	Good	Good	Good
	21	GE	52129	600W	USA	Good	Good	Good	Working
	22	GE	18025	1000W	USA	Good	Working	Working	Poor
	23	LUTRON	GL-600P-WH	600W	USA	Good	Good	Good	Good
	24	LUTRON	NT-603P	1500W	USA	Good	Good	Good	Good
	25	LUTRON	DVCL-153P-WH	600W	USA	Good	Good	Good	Working
	26	COOPER	RI061	600W	USA	Good	Good	Working	Working
	27	LUTRON	GRAFIK Eye	-	USA	Working	Working	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.