

Products Datasheet View

Class	Model Number	Life Hours	LED Type	Light (lumen)	Angle	Input Voltage	Base	CCT (K)	CRI	Power (w)
CREE AR111	AR111-10-CW	50000	CREE XP	631	30°	12V/AC or DC	AR111	6000	75	9.5
	AR111-10-WW	50000	CREE XP	546	30°	12V/AC or DC	AR111	3000	80	9.5
Super Bright Par lamp Birdgelux	PAR38-12-CW	50000	Bridgelux	1148	45°	85-260Vac	E27 / E26	6000	74	12
	PAR38-12-WW	50000	Bridgelux	1067	45°	85-260Vac	E27 / E26	3000	78	12
	PAR30-7-CW	50000	Bridgelux	676	45°	85-260Vac	E27 / E26	6000	74	7
	PAR30-7-WW	50000	Bridgelux	608	45°	85-260Vac	E27 / E26	3000	78	7
	PAR20-5-CW	50000	Bridgelux	462	45°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	74	5
	PAR20-5-WW	50000	Bridgelux	403	45°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	78	5
Super Bright Spotlight Birdgelux	SPX-6-CW	50000	Bridgelux	416	45°	85-260Vac or 12V(MR16)	GU10 / MR16	6000	75	9.5
	SPX-6-WW	50000	Bridgelux	376	45°	85-260Vac or 12V(MR16)	GU10 / MR16	3000	80	9.5
High-Energy Saving with High Bright Spotlight Series	SPA-1E-CW	40000	Epistar	96	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	71	1
	SPA-1E-WW	40000	Epistar	88	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	72	1
	SPA-3E-CW	40000	Epistar	266	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	71	3.5
	SPA-3E-WW	40000	Epistar	234	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	72	3.5
	SPA-4E-CW	40000	Epistar	346	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	71	4
	SPA-4E-WW	40000	Epistar	311	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	72	4
	SPA-3B-CW	40000	Bridgelux	122	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	71	6
High-Cost Effective with Hight Qaulity Spotlight Series	SPA-3B-WW	40000	Bridgelux	108	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	72	6
	SPA-1CH-CW	35000	CHIMEI	84	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	62	1
	SPA-1CH-WW	35000	CHIMEI	76	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	65	1
	SPA-3CH-CW	35000	CHIMEI	241	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	62	3
	SPA-3CH-WW	35000	CHIMEI	204	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	65	3
	SPA-4CH-CW	35000	CHIMEI	308	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	6000	62	4
	SPA-4CH-WW	35000	CHIMEI	282	30°	85-260Vac or 12V(MR16)	GU10 / MR16 / E27 / E26	3000	65	4

WARNINGS AND CAUTIONS

- Suitable for use in open luminaires (fixtures).
- Do not use in outdoor fixtures.
- Do not use in enclosed fixtures.
- Use with triac dimmers.
- Do not use with emergency exit fixtures or with emergency lighting.
- Turn off power before changing lamp.

CAUTION: Risk of electric shock. Use in dry location only.

NOTES: This device complies with Part 18 of the FCC rule. This product may cause interference with other devices. If interference occurs, change the location of the products involved. This RFLD device complies with Canadian ICES-005.

Product Naming

SP
LED SpotLight
X
Blub Series
7D
Power Dimmiable
W
Color



Illuminate every corner of your home

LED SpotLight

AR111/PAR/E27/GU10/MR16

Years experience, elegance meets efficiency

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LED spotlight elegance meets efficiency

Delivering a warm, halogen/incandescent like accent beam, Our LED spotlight lamp is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time.

The robustly designed LED spotlight has a 45° beam angle for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat sensitive objects (food, organic materials, paintings, etc.). The product is free of mercury and other hazardous materials.

Lux Test

Model	1M	2M	3M	Model	1M	2M	3M
AR111-10-CW	2311	573	263	SPA-1E-CW	193	52	25
PAR38-12-CW	2561	618	274	SPA-3E-CW	557	146	63
PAR30-7-CW	1628	406	182	SPA-4E-CW	712	191	86
PAR20-5-CW	1109	288	116	SPA-3B-CW	503	126	57
SPX-6-CW	1322	348	138	SPA-1CH-CW	171	42	22
				SPA-3CH-CW	492	133	62
				SPA-4CH-CW	647	168	74

Energy Efficiency

Estimated Lighting Costs Using a Standard 90W Halogen	
Present Wattage	90W
x Annual Operating Hours	3000 hrs
=	270,000 watts per year
÷ 1,000	= 270 kWh per year
x kWh rate of \$0.10	= \$27 per year
x 100 lamps per space	= \$2700 annual energy cost per space

Estimated Lighting Costs Using a 12W PAR38-12CW	
Present Wattage	12W
x Annual Operating Hours	3000 hrs
=	36,000 watts per year
÷ 1,000	= 36 kWh per year
x kWh rate of \$0.10	= \$3.6 per year
x 100 lamps per space	= \$360 annual energy cost per space

Total Estimated Annual Energy Costs Saving*	= \$2340
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*Based on 100 lamps per space operating at 3,000 hours per year.

LED Power	LED Model	CFL Power	LED Power	LED Model	Incandescent Power	LED Power	LED Model	Halogen Power
1W	Ar111	= 2W	1W	Ar111	= 12W	1W	Ar111	= 4.6W
1W	PAR	= 3W	1W	PAR	= 18.3W	1W	PAR	= 7.3W
1W	SPX	= 3.2W	1W	SPX	= 11.6W	1W	SPX	= 5.4W
1W	SPA-E	= 2.6W	1W	SPA-E	= 15W	1W	SPA-E	= 6W
1W	SPA-CH	= 2.3W	1W	SPA-CH	= 13W	1W	SPA-CH	= 5W

* CFL average live hours: 6000hrs * Incandescent average live hours: 800hrs * Halogen average live hours: 2000hrs

■ LED Spotlight live hours: 35000~50000hrs.

Ar111



Lighting Angle



CCT



Power

■ 10W



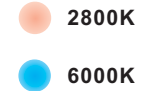
PAR



Lighting Angle



CCT



Power

■ 5W ■ 7W ■ 12W



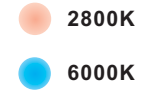
SPX



Lighting Angle



CCT



Power

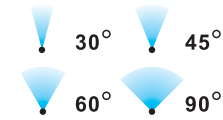
■ 6W



SPA



Lighting Angle



CCT

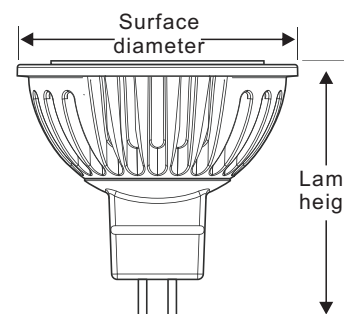


Power

■ 4W ■ 5W ■ 6W ■ 7W



LCF



Model Number	Surface diameter	Lamp height	Model Number	Surface diameter	Lamp height
AR111	111	45	SPA-1/3-MR16	50	45
PAR38	120	157	SPA-1/3-GU10	50	62
PAR30	95	105	SPA-1/3-E27	50	68
PAR20	62	75	SPA-4-MR16	50	54
SPX	50	70	SPA-4-GU10/E27	50	76