



Product Information Bulletin

Professional Series LED Lamp Program

Introducing a Newly Expanded LED Product Line

Central Industries introduces an expanded offering of high-performance LED lamps utilizing state-of-the-art high power LED technology.

A patented design houses an integrated LED system for optimum lifetime performance. Excellent optics allow for a tighter beam pattern and deliver higher lumen output similar to conventional sources. Free of harmful UV and IR emissions

Available in both warm and cool color temperatures with excellent color quality.



Key Features and Benefits

Energy-saving LED lamps save up to **90%** in energy usage compared to similar lumen output incandescent and halogen lamps.

- Reduces energy and operating costs up to 90%.
- 30,000 hour lamp life lasts longer than conventional lighting. LEDs last 20 times longer than halogen lamps and provide maintenance free operation.
- Cool beam – No UV or IR emissions, reduces air conditioning loads.
- Unique design with anodized white or silver aluminum housing for cooler operation and extended lamp life.
- Environmentally friendly – fully recyclable, contains no mercury or other hazardous materials.
- All lamps are fully dimmable and instant on.
- PAR20, PAR30, PAR38 – indoor/outdoor use, acceptable for damp location.
- All items are UL/CUL listed and RoHS and FCC compliant.

Warnings

- MR16 and A19 are rated for indoor use only. Do not use where exposed to the weather.
- A19, PAR20, PAR30 and PAR38 are not for use in totally enclosed fixtures.
- MR16 is suitable for use in completely enclosed recessed fixtures.
- Do not use with emergency exit fixtures or emergency exit lights.
- Risk of Electric Shock, Do Not Use Where Directly Exposed to Water.
- Do not open – no user serviceable parts inside. Turn power off before inspection, installation, or removal.
- These devices comply with part 15 of the FCC rules. These products have been tested and have been found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
- Use only on 120V AC, 60HZ circuits unless otherwise indicated.

Applicable to MR16 LED Lamps

- Compatible with most electronic transformers.
- Intended for use on Class 2 circuits only.

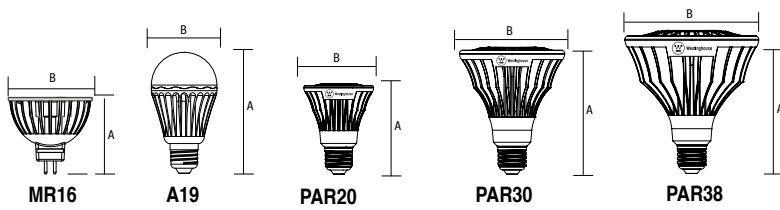
Product Offering

Lamp Type	Base Type	Color	Watt
A19	Med.	Warm White	8W
A19	Med.	Cool White	8W
MR16	GU5.3	Warm White	5W
MR16	GU5.3	Cool White	5W
PAR20	Med.	Warm White	8W
PAR20	Med.	Cool White	8W
PAR30	Med.	Warm White	15W
PAR30	Med.	Cool White	15W
PAR38	Med.	Cool White	18W
PAR38	Med.	Cool White	18W

Application Information

For use in the following:

- Track Lighting
- Gimbal Rings
- Decorative Fixtures
- Table Lamps
- Recessed Down Lights
- Ceiling Fixtures
- Difficult-to-Service Areas
- General Lighting Applications



Energy Used (Watts)	Lamp Base	Order No.	Domestic Code	Volts	Master Carton/ Inner Pack	Equiv. Wattage	Beam Spread	Finish	Light Appearance (Kelvin)	CRI	Brightness (Lumens)	Average Rated Hours	Life (in years)*	Est. Yearly Energy Cost**	(A) MOL	(B) MOD
MR16																
5	GU5.3	03407	5MR16/LED/DIM/30/RP 12	120	24/6	20	30°	Warm White	3000	80	300	30,000	27.4	\$0.60	1 3/4"	2"
5	GU5.3	03432	5MR16/LED/DIM/50/RP 12	120	24/6	20	30°	Cool White	5000	80	330	30,000	27.4	\$0.60	1 3/4"	2"
A19																
8	Med.	03436	8A19/LED/DIM/30/RP	120	24/6	40	-	Warm White	3000	80	450	30,000	27.4	\$0.96	4 3/8"	2 3/8"
8	Med.	03437	8A19/LED/DIM/50/RP	120	24/6	40	-	Cool White	5000	80	490	30,000	27.4	\$0.96	4 3/8"	2 3/8"
PAR20																
8	Med.	03406†	8PAR20/LED/DIM/30	120	24/6	40	25°	Warm White	3000	80	380	30,000	27.4	\$0.96	3 7/16"	2 3/8"
8	Med.	03431†	8PAR20/LED/DIM/50	120	24/6	40	25°	Cool White	5000	80	410	30,000	27.4	\$0.96	3 7/16"	2 3/8"
PAR30																
15	Med.	03405†	15PAR30/LED/DIM/30	120	24/6	60	25°	Warm White	3000	80	725	30,000	27.4	\$1.81	4 9/16"	3 13/16"
15	Med.	03430†	15PAR30/LED/DIM/50	120	24/6	60	25°	Cool White	5000	80	800	30,000	27.4	\$1.81	4 9/16"	3 13/16"
PAR38																
18	Med.	03434†	18PAR38/LED/DIM/30	120	24/6	75	25°	Warm White	3000	80	870	30,000	27.4	\$2.17	5 1/16"	4 3/4"
18	Med.	03435†	18PAR38/LED/DIM/50	120	24/6	75	25°	Cool White	5000	80	945	30,000	27.4	\$2.17	5 1/16"	4 3/4"

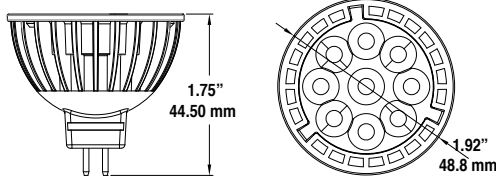
† Approved for Damp Location

* Based on 3 hrs./day

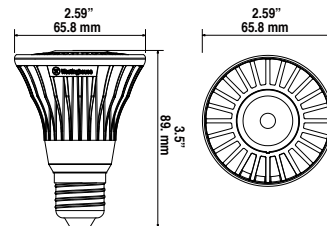
** Based on 3 hrs./day 11¢/k/Wh - Cost depends on rates and use.

Technical Information

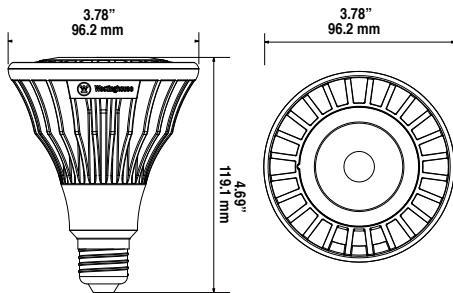
5W MR16



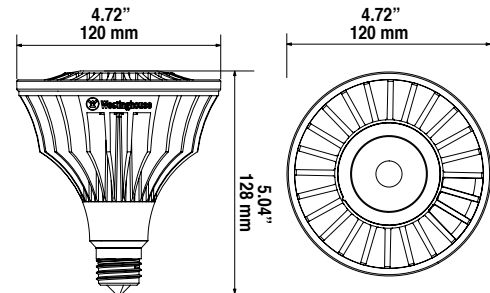
8W PAR20



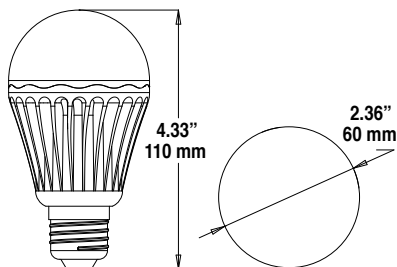
15W PAR30



18W PAR38



8W A19



Limited Warranty

These lamps are warranted to be free from defects in material and workmanship for 3 years (based on using 3 hours per day).



NOTE: MR16 GU5.3 Base LED Dimmer Compatibility

The Dimmer Compatibility for the MR16 is based upon the interaction between the low voltage transformer and the low voltage dimmer. Each transformer manufacturer determines dimmer compatibility. Please see below for transformer compatibility.

MR16 GU5.3 Base LED Transformer Compatibility

Brand	Model	Input Voltage (VAC/Hz)	Power Rating (W)	Type	Number of MR16 Lamps per Transformer					
					1	2	3	4	5	6
Aceoasia Lighting	NA	120 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G
Dais	DA-E60	240 VAC, 50-60 Hz	60	ET	G	G	G	G	G	G
FSL	EA-HF50	230 VAC, 50-60 Hz	50	ET	G	F	F	F	F	F
Hatch	RS12-60M	120 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G
	RS12-60M-230M	230 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G
Hsien Long	L-12250	240 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G
	L-12150	115 VAC, 50-60Hz	50	ET	G	G	G	G	G	G
Klight	KL-787E	110-130 VAC, 50-60Hz	50	ET	G	G	G	F	F	F
Lightech	ELSLLI (LET 60)	120 VAC, 50-60 Hz	50	ET	G	G	G	G	F	F
NVC	ET60E	230 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G
OTS Electric Group	ZX/105W	230 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G
OPPLE	DB602-220/12	230 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G
Osram	HTM 105/230-240	230 VAC, 50-60 Hz	60	ET	G	G	G	G	G	G
PHILIPS	ET-E 60 220-240	230 VAC, 50-60 Hz	50	ET	G	G	F	F	F	F
SPC	SPCL-8W-120060	100~240 VAC, 50-60 Hz	7.2	ET	G	N/A	N/A	N/A	N/A	N/A
	SPCL-6W-120050	100~240 VAC, 50-60 Hz	6	ET	G	N/A	N/A	N/A	N/A	N/A
TCL	ET50S	230 VAC, 50-60 Hz	50	ET	G	F	F	F	F	F
WAC	EN-12100-R-AR	120 VAC, 50-60 Hz	50	ET	G	G	G	G	G	G

Type
ET – Electronic Transformer

Quality rating
G G – Good N/A N/A – Exceeds Transformer Recommended Power
F F – Flickers

Dimmer Compatibility

A19 LED

Brand	Model
Daiko	DP-34401
Diing Chung	DC-306
Leviton	TBI03
Lutron	Lumea LGCL-153PL, Lumea LG-600P, Toggler TG-600PNL, 6681, Diva DVCL-153PL, Skylark SELVB-300P, Skylark S-603P, Skylark S2-L, Maestro MA-600 Digital,
Panasonic	WN576149, WN575149, WN57512

PAR30 LED

Brand	Model
Daiko	DP-34401
Diing Chung	DC-306
Leviton	TBI03
Lutron	Lumea LGCL-153PL, Lumea LG-600P, Toggler TG-600PNL, 6681, Diva DVCL-153PL, Skylark SELVB-300P, Skylark S-603P, Skylark S2-L, Maestro MA-600 Digital,
Panasonic	WN576149, WN575149, WN57512

PAR20 LED

Brand	Model
Daiko	DP-34401
Diing Chung	DC-306
Leviton	TBI03
Lutron	Lumea LGCL-153PL, Lumea LG-600P, Toggler TG-600PNL, 6681, Diva DVCL-153PL, Skylark SELVB-300P, Skylark S-603P, Skylark S2-L, Maestro MA-600 Digital,
Panasonic	WN576149, WN575149, WN57512

PAR38 LED

Brand	Model
Daiko	DP-34401
Diing Chung	DC-306
Leviton	TBI03
Lutron	Lumea LGCL-153PL, Lumea LG-600P, Toggler TG-600PNL, 6681, Diva DVCL-153PL, Skylark SELVB-300P, Skylark S-603P, Skylark S2-L, Maestro MA-600 Digital,
Panasonic	WN576149, WN575149, WN57512

Specifications are subject to change without notice, please visit www.centralindustriesUSA.com for latest information.

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Specializing in Long-Life, Energy-Saving Lighting Products

