



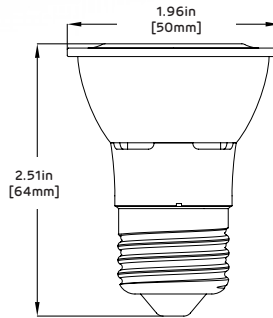
PAR16

Benefits

- 6/8 watts – Requires 80% less energy than comparable 35/50 watt Halogen lamp.
- Maintenance free operation, lasts up to 11 times longer than halogen lighting.
- Dimmable to 10% on most dimmers

FEATURES¹

Equivalent Source	Up to 35W /50W Halogen
Rated Life	25,000 hours
Housing	Aluminum
Socket	E26 base
Beam Spread Flood	40°
Operating Temperature	-20°C to +40°C
MOL	2.76 in, 70.1mm
Voltage	120 VAC
Power Factor	≥.7
Weight	0.2lbs., 90.7g
Warranty	5 year limited



Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.
¹Values are nominal, advances from further innovation, specifications are subject to change.

ORDERING INFORMATION \ \ LS 16 35WE WW FL E26 120 S1 BX

Family	Product	Watt Equivalent	Color (CCT)	Distribution	Base	Voltage	Family	Packaging
LS Lighting Science	16 MR16	35WE 35W Equivalent	WW Warm White 3000K	FL Flood	E26 E26 Base	120 120 Volt	S1 S1	BX Box
		50WE 50W Equivalent						

NORTH AMERICAN CERTIFICATIONS



ENVIRONMENT



PAR16

DIMMER CAPABILITIES¹

Lutron

C*L Series : Diva/Skylark/Ariandi/
Toggler/Diva

PAR16

Part Number	Base Type	Wattage	Beam Angle	Lumens	Efficacy	CRI	CBCP
LS 16 35WE WW FL E26 120 S1 BX	E26	6W	40	380	63	80	791
LS 16 50WE WW FL E26 120 S1 BX	E26	8W	40	500	63	80	1147

FL: Flood WW: Warm White CBCP: Center Beam Candle Power

Recommended number of lamps per 600 watt dimmer²

While an LED lamp may draw as few as 10 watts continuously, it could have an in-rush current spike (maximum, instantaneous input) which may limit the number of lamps you can install on one dimmer. The following table provides a recommended maximum quantity of LS lamps that should be used on a typical approved 600W dimmer.

Ex: Max number of A19 60W lamps, with an 80W in-rush, that can be used on 600W dimmer = 7

LS LED Lamp	Lamp In-Rush Current Equivalent	Max # of Lamps per 600W Dimmer
PAR16 35WE	98	6
PAR16 50WE	83	7

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

¹ Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dimming system manufacturer for additional support in operation.

² Values are nominal, advances from further innovation, specifications are subject to change.



Visit www.lsgc.com/energystar for list of ENERGY STAR qualified lamps.



CAUTIONS

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS. NOT FOR USE IN TOTALLY ENCLOSED FIXTURES. CAUTION: RISK OF SHOCK – DO NOT USE WHERE DIRECTLY EXPOSED TO WATER, TURN OFF POWER BEFORE INSPECTION, INSTALLATION, OR REMOVAL. DO NOT OPEN – NO USER SERVICEABLE PARTS INSIDE. Suitable for damp locations. This device complies with part 15 of the FCC rules and has been tested and found to comply with the limits for a class B digital device. This Class B digital apparatus complies with Canadian ICES-003. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment. For complete details on our warranty and dimmer compatibility please visit www.lsgc.com/warranties and www.lsgc.com/dimmer.

Specifications are typical values and may change without notification.

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