

ULTRA LED™ Glass PAR16 Lamps



SYLVANIA ULTRA LED PAR16 lamps last 12 times longer than halogen PAR16 lamps and are a high quality replacement for 50W halogen PAR16 lamps. They are free of UV and IR radiation, minimizing discoloration and fading of materials. These LED lamps will reduce energy and maintenance cost when compared with conventional halogen light sources.

Key Features & Benefits

- True glass housing that mimics halogen PAR16
- Long life: rated up to 25,000 hours (L₇₀)
- Available in 3000K color temperature
- UV and IR free
- Suitable for damp locations
- RoHS compliant
- Available in medium and GU10 base
- Dimmable down to 10%
- Mercury and lead free
- Lasts up to 12 times longer than halogen lamps
- No warm-up time, instant-on with full light output and stable color

* Performance may vary depending on dimmer used in application. Please refer to Dimmer Compatibility List (RETRO-DIM) for a list of compatible dimmers or visit www.SYLVANIA.com/LED Retrofit



Product Offering

Ordering Abbreviation	Wattage	Beam Angle
PAR16	6	36°

Application Information

Applications

- Recessed downlighting
- Track lighting
- Wall washers

Market Segments

- Art galleries and museums
- Hospitality
- Offices
- Residential
- Restaurants
- Retail

Application Notes

1. Operating temperature range between -4°F and +104°F (-20°C and +40°C)
2. Suitable for outdoor use when used in a UL rated fixture where protected from the weather
3. Not intended for use with emergency light fixtures or exit lights
4. Use in open fixture

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. For FCC Part 15 user information, please see www.sylvania.com/fcc15b



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Base Type	Replaces	Input Voltage (V)	Average Rated Life (hrs.) ¹	CCT ³	Typical Lumens (lm) ²	CBCP (cd)	CRI ⁴	Beam Angle	Power Factor	ENERGY STAR®
78287	LED6PAR16/DIM/830/FL36/GL1/RP	6	Medium	50W	120	25,000	3000K	450	1000	82	36	0.95	Yes
78288	LED6PAR16GU10/DIM/830/FL36/GL1/RP	6	GU10	50W	120	25,000	3000K	450	1000	82	36	0.95	Yes
79287*	LED6PAR16/DIM/830/FL36/GL1/RP	6	Medium	50W	120	25,000	3000K	450	1000	82	35	0.95	Yes
79288*	LED6PAR16GU10/DIM/830/FL36/GL1/RP	6	GU10	50W	120	25,000	3000K	450	1000	82	35	0.95	Yes

SYLVANIA submits most lamps for ENERGY STAR testing. Early qualification for ENERGY STAR lamps begin at 25,000 hours (L₇₀) regardless that the design of the lamp is manufactured for a greater life expectancy. As the lamps pass ENERGY STAR qualifications, manufacturers are able to increase rated life as dictated by ENERGY STAR guidelines becoming either provisionally qualified or fully qualified. Please visit EnergyStar.gov for more information about testing requirements for ENERGY STAR qualified products.

*Phase out 79287 and 79288

1. Hours lifetime with 70% lumen maintenance 2. Thermally stable typical lumens (±10%) 3. Thermally stable typical CCT (±10%) 4. CRI – Color Rendering Index

Ordering Guide

LED	6	PAR16	/	GU10	/	DIM	/	830	/	FL	36
LED Lamps and Retrofits	Wattage: 6	Lamp Type: PAR16		Base Type: GU10		Dimmable		CRI, CCT: 830: 80+ CRI, 3000K CCT		Beam Type: FL: Flood	Beam Angle: 36°

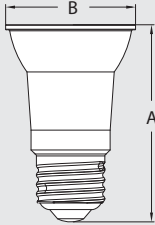
Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen	Halogen Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Halogen
LED6PAR16	25,000	50PAR16	3,000	44	\$121	8.3X

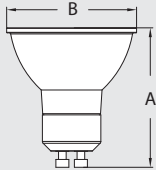
*Energy savings over life of lamp calculated at \$0.11/kWh

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED6PAR16	2.9	1.9
LED6PAR16/GU10	2.1	1.9



LED6PAR16



LED6PAR16/GU10

Sample Specification

Lamps shall be SYLVANIA ULTRA LED PAR16 with a 25,000 hour average rated life. Lamps shall be energy efficient, UV & IR free. Should have a beam angle of 36 degrees.

LEDVANCE LLC
200 Ballardvale Street
Wilmington, MA 01887 USA
Phone 1-800-LIGHTBULB (1-800-544-4828)
www.sylvania.com

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