

ULTRA LED PAR16 Lamps



Key Features & Benefits

- 25,000 hours rated life (L₇₀)
- Available in Medium and GU10 Base
- Available in 3000K CCT
- UV, IR and Mercury Free
- RoHS compliant



LED technology offers reduced energy and maintenance costs when compared with conventional light sources. Lasting 8x longer, SYLVANIA ULTRA LED PAR16 lamps are a high-quality replacement for an equivalent PAR16 lamp. They are free of UV and IR radiation, minimizing discoloration and fading of materials. This lamp is available in a 25° beam angle in a 3000K correlated color temperature (CCT). This lamp is available in a medium and GU10 base.

Product Offering

Ordering Abbreviation	Wattage (W)	Color Temperature	Beam Angle	Lumens
LED5.5PAR16/830/NFL25	5.5	3000K	25°	330
LED5.5PAR16/GU10/830/NFL25	5.5	3000K	25°	330

Application Information

Applications

- Recessed downlighting
- Track lighting
- Wall washers

Market Segments

- Art galleries and museums
- Hospitality
- Retail

Application Notes

1. UL1993 listed
2. Suitable for Indoor Use
3. Not intended for use with emergency light fixtures or exit lights
4. Use in open fixtures only
5. Operating temperature range between -40° F and +113° F (-40° C and +45° C)

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 _____	Date _____

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Base Type	Input Voltage (VAC)	Average Rated Life (hrs.) ¹	Typical Lumens (lm) ²	CCT ³	CBCP (cd)	Beam Angle	CRI ⁴	R9	Power Factor
78831	LED5.5PAR16/830/NFL25	5.5	Medium	120	25,000	330	3000K	640	25°	85	25	0.85
78834	LED5.5PAR16/GU10/830/NFL25	5.5	GU10	120	25,000	330	3000K	640	25°	85	25	0.85

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	5.5	PAR16	/	GU10	/	830	/	NFL	25
LED Lamps and Retrofits	Wattage: 5.5	Lamp Type: PAR16		Base Type: GU10		CRI, CCT: 830: 80+ CRI, 3000K CCT		Beam Type: NFL: Narrow Flood	Beam Angle: 25°

Lamp Dimensions

	MOL (inches)	Diameter (inches)
LED5.5PAR16	3.6	1.9
LED5.5PAR16/GU10	3.3	1.9

Illuminance Cone Diagrams

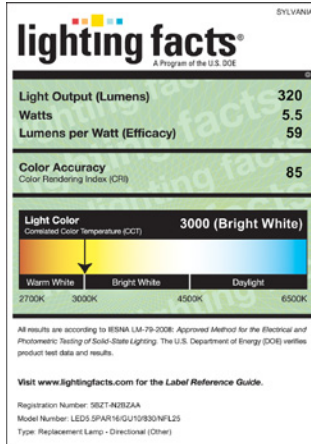
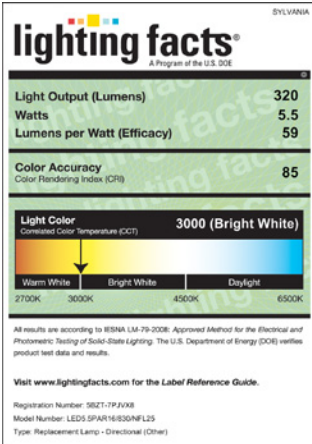
Similar Halogen		LED5.5PAR16/830/NFL25	
50PAR16	Wattage 5.5	CBCP (cd) 640	Beam Angle 25
Watts (W) 50	Lumens 330		
Avg. Rated Life (hrs) 3,000			
Lumens 450			
CBCP (cd) 800			
Beam Angle 30°			

*Approximate footcandle values at center of beam

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen	Halogen Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Halogen
LED5.5PAR16	25,000	35PAR16	3,000	29.5	\$81	8x

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



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