

ULTRA LED Retrofit PAR30LN Lamps

Dimmable



LED technology offers reduced energy and maintenance costs when compared with conventional light sources. LED PAR30LN retrofit lamps are intended to be a high-quality replacement for 50W halogen PAR30 long neck lamps while offering 20 times the life. They are free of UV and IR radiation, minimizing discoloration and fading of materials. These lamps are dimmable down to 10%* and are rated at 50,000 hours life with a correlated color temperature (CCT) of 3000K and 87 CRI. They are available with 25° and 40° beam angles.

For purposes of ARRA, this product is made in the US.

Key Features & Benefits

- 15W LED lamp designed as a high quality replacement of 50W halogen PAR30LN lamps
- Dimmable 10%–100%*
- 50,000 hours life at 70% lumen maintenance
- Suitable for indoor and outdoor use
- 3000K CCT and 87 CRI
- Medium base for direct replacement
- Power factor 0.77
- Reduces energy consumption up to 70%
- Lasts 20 times longer than halogen lamps
- No warm-up time, instant-on with full light output and stable color
- Mercury free and RoHS compliant
- UV and IR free

* Performance may vary depending on dimmer used in application

Product Offering

Item Number	Ordering Abbreviation	Wattage (W)	Color Temperature	Beam Angle
78638	LED15PAR30LN/DIM/830/NFL25	15	3000K	25°
78639	LED15PAR30LN/DIM/830/FL40	15	3000K	40°

Application Information

Market Segments

- Art galleries and museums
- Hospitality
- Residential
- Retail

Applications

- Accent/display lighting
- Recessed downlighting
- Track lighting



Application Notes

1. Operating temperature range between -40°F and +113°F (-40°C and +45°C)
2. UL1993 listed
3. Suitable for use in indoor and outdoor environments
4. Suitable for dimmers or in luminaires controlled by a dimmer
5. Not intended for use with emergency light fixtures or exit lights
6. For use in fixtures that can structurally support a lamp weighing one pound
7. Not to be used in enclosed fixtures
8. Not to be used in enclosed insulated ceilings



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	Power Factor
78638	LED15PAR30LN/DIM/830/NFL25	15	Medium	120	50,000	770	3000K	2900	25°	87	0.77
78639	LED15PAR30LN/DIM/830/FL40	15	Medium	120	50,000	770	3000K	1300	40°	87	0.77

- Hours lifetime with 70% lumen maintenance
- Thermally stable typical lumens ($\pm 10\%$)
- Thermally stable typical CCT ($\pm 10\%$)
- CRI – Color Rendering Index

Ordering Guide

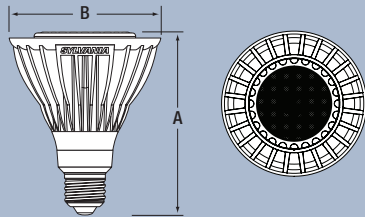
LED	15	PAR30LN	/	DIM	/	830	/	NFL	25
LED Lamps and Retrofits	Wattage: 15	Lamp Type: PAR30 Long Neck		Dimmable		CRI, CCT: 830: 80+ CRI, 3000K CCT		Beam Type: NFL: Narrow Flood	Beam Angle: 25°

Recommended Dimmer

Make	Dimmer	Make	Dimmer	Make	Dimmer
Ace	34050	Lutron	GL600	Lutron	TT-300NLH
Ace	3027596	Lutron	CN-600PHW	Lutron	TG-603PG
Lutron	S-600PR-WH	Lutron	DV-603PG	Leviton	6633-PL
Lutron	DV-600PR-WH	Lutron	S-600	Lutron	6684
Lutron	TG-600PR-WH	Lutron	S-600P	Leviton	6631
Lutron	AY600P	Lutron	LG-600P	Leviton	IPI06-1LX
Lutron	Q600P	Lutron	D-600PH	Legrand	DrRD4W

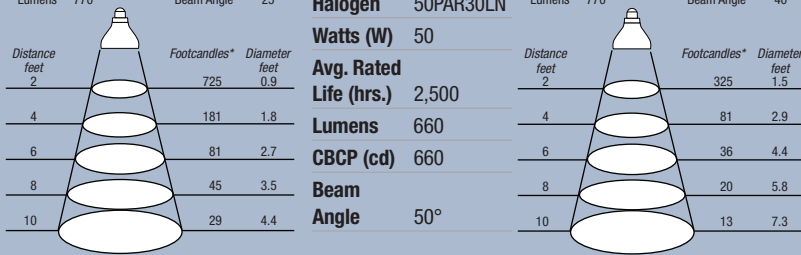
Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
LED15PAR30LN/DIM	4.50	3.75



Illuminance Cone Diagrams

Similar Halogen	LED15PAR30LN/830/NFL25				Similar Halogen	LED15PAR30LN/830/FL40			
	50PAR30LN	Wattage Lumens	CBCP (cd) Beam Angle	2900 25		50PAR30LN	Wattage Lumens	CBCP (cd) Beam Angle	1300 40
	50	770	2900	25	50	770	1300	40	
Watts (W)	50				50				
Avg. Rated Life (hrs.)	2,500				2,500				
Lumens	660				660				
CBCP (cd)	2100				660				
Beam Angle	25°				50°				



*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
LED15PAR30LN/DIM	50,000	50PAR30LN	2,500	35	\$175	20x

*Energy savings over life of lamp calculated at \$0.10/kWh

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Specifications subject to change without notice.

Specification Data

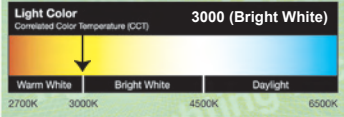
Fixture Description	
Type	
Project/Job	
SYLVANIA lamp	
SYLVANIA ballast	
Notes	

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lighting facts^{CM}

A Program of the U.S. DOE

Light Output (Lumens)	770
Watts	15
Lumens per Watt (Efficacy)	51
Color Accuracy Color Rendering Index (CRI)	87
Light Color Correlated Color Temperature (CCT)	3000 (Bright White)



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 5BZT-8BVZD3
Model Number: LED15PAR30LN/DIM/830/NFL25
Type: Replacement lamps

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