

ULTRA LED PAR38 Lamps



The SYLVANIA ULTRA LED PAR38 lamps offer exceptional beam performance for precision accent lighting applications without compromising color quality, while providing significant energy and maintenance cost savings when compared to conventional light sources. Lasting over 16 times longer, these latest ULTRA LED PAR38 lamps are high quality replacements for halogen and integrated HID PAR38 lamps. These lamps are designed to be indistinguishable from halogen color quality at a CRI of 81-89 with excellent color consistency. They are UL or ETL listed for use in damp locations and are RoHS compliant with no lead or mercury. The lack of UV and IR radiation makes these lamps ideal for highlighting merchandise or artwork as discoloration and fading of materials is minimized.

Key Features & Benefits

- UV and IR free
- Mercury and lead free
- Dimmable down to 10%* (16W & 20W only)
- RoHS compliant
- Long life: up to 50,000 hours (L₇₀)
- Suitable for damp locations
- Available in 2700K, 3000K and 5000K color temperatures
- Reduce energy consumption up to 83%
- Lasts 16 times longer than halogen lamps
- No warm-up time, instant-on with full light output and stable color
- Assembled in the USA (10W & 15W only)

* 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/LEDretrofit



Product Offering

Product	Wattage	Color Temperature	Beam Angle
ULTRA LED PAR38	10	3000K	15°
ULTRA LED PAR38	15	2700K, 3000K	10°, 12°, 15°
ULTRA LED PAR38 HO	15	3000K	10°, 25°
ULTRA LED PAR38	16	2700K, 3000K	25°, 40°
ULTRA LED PAR38	16	5000K	40°
ULTRA LED PAR38	20	3000K	40°

Application Information

Market Segments

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

Applications

- Accent/display lighting
- Ambient lighting
- Recessed downlighting
- Track lighting

Applications Notes

1. Operating temperatures -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. Use in a fixture that supports a 2 lb. lamp
4. Not for use with emergency lighting
5. Use in open fixtures
6. All PAR lamps from OSRAM SYLVANIA use polymethyl methacrylate (PMMA) for their lenses. It is a transparent thermoplastic, often used as a lightweight, shatter-resistant alternative to glass.

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

ULTRA

Item Number	Ordering Abbreviation	Wattage (W)	Base Type	Replaces	Input Voltage (VAC)	Average Rated Life (hrs.) ¹	CCT ³	Typical Lumens (lm) ²	CBCP (cd)	CRI ⁴	Beam Angle	Power Factor	ENERGY STAR [®]
78735	LED10PAR38/SG/830/WSP15	10	Medium	60WPAR38	120	50,000	3000K	640	6,900	82	15°	0.89	Yes
78719	LED15PAR38/SG/827/WSP15	15	Medium	60WPAR38	120	50,000	2700K	700	7,000	89	15°	0.87	Yes
78796	LED15PAR38/SG/830/SP10	15	Medium	60WPAR38	120	50,000	3000K	760	16,000	89	10°	0.88	Yes
78795	LED15PAR38/SG/830/WSP12	15	Medium	60WPAR38	120	50,000	3000K	760	11,000	89	12°	0.88	Yes
78498	LED15PAR38/SG/830/WSP15	15	Medium	60WPAR38	120	50,000	3000K	760	7,500	89	15°	0.88	Yes
78435	LED16PAR38/DIM/827/NFL25	16	Medium	75WPAR38	120	25,000	2700K	950	4,300	81	25°	0.95	Yes
78436	LED16PAR38/DIM/827/FL40	16	Medium	75WPAR38	120	25,000	2700K	950	1,680	81	40°	0.95	Yes
78433	LED16PAR38/DIM/830/NFL25	16	Medium	75WPAR38	120	25,000	3000K	1000	4,500	82	25°	0.95	Yes
78434	LED16PAR38/DIM/830/FL40	16	Medium	75WPAR38	120	25,000	3000K	1000	1,745	82	40°	0.95	Yes
72531	LED16PAR38/DIM/850/FL40	16	Medium	75WPAR38	120	25,000	5000K	950	2,000	86	40°	0.96	No
78207	LED20PAR38/DIM/830/FL40	20	Medium	120WPAR38	120	25,000	3000K	1300	2,500	82	40°	0.95	No

ULTRA HO (Non-dimmable)

78957	LED15PAR38/SGHO/830/SP10	15	Medium	24W PAR38 HID	120	25,000	3000K	1050	26,000	82	10°	0.96	Yes
78958	LED15PAR38/SGHO/830/NFL25	15	Medium	24W PAR38 HID	120	25,000	3000K	1050	5,000	82	25°	0.96	Yes

OSRAM 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.

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	16	PAR38	/	DIM or SG	HO	/	830	/	NFL	25
LED Lamps and Retrofits	Wattage 10, 15, 16 or 20	Lamp Type: PAR38	/	DIM = Dimmable SG = Specification Grade	High Output	/	CRI, CCT: 827: 80+ CRI, 2700K CCT 830: 80+ CRI, 3000K CCT 850: 80+ CRI, 5000K CCT	/	Beam Type SP: Spot WSP: Wide Spot NFL: Narrow Flood FL: Flood	Beam Angle 10° 12° 15° 25° 40°

Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)	
LED10PAR38/SG	5.04	4.76	
LED15PAR38/SG	5.04	4.76	
LED15PAR38/SGHO	5.04	4.76	
LED16PAR38/DIM	5.12	4.74	
LED20PAR38/DIM	5.12	4.72	

LED20PAR38/DIM
LED16PAR38/DIM

LED10PAR38/SG
LED15PAR38/SG
LED15PAR38/SGHO

Energy Savings

Basic Product Description	LED Life (hrs.)	Similar Halogen	Halogen Life (hrs.)	Watts Saved	Energy Savings*	LED Life vs. Halogen Life
LED10PAR38/SG	50,000	50PAR38	3,000	40	\$220.00	16x
LED15PAR38/SG	50,000	50PAR38	3,000	35	\$192.50	16x
LED15PAR38/SGHO	25,000	24PAR38 HID	12,000	9	\$24.75	2x
LED16PAR38/DIM	25,000	75PAR38	2,500	59	\$162.25	10x
LED20PAR38/DIM	25,000	120PAR38	2,500	100	\$275.00	10x

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

Sample Specification

Lamp shall be SYLVANIA LED PAR38 lamp with a color consistency with a 2-3 step MacAdam ellipse, 25,000- 50,000) hour average rated life with beam angles of (10, 12, 15, 25 or 40) degrees.

United States

OSRAM SYLVANIA

100 Endicott Street
Danvers, MA 01923
1-800-LIGHTBULB

Trade

Phone: 800-255-5042
Fax: 800-255-5043

National Accounts

Phone: 800-562-4671
Fax: 800-562-4674

OEM/Special Markets

Phone: 800-762-7191
Fax: 800-762-7192

Retail

Phone: 800-842-7010
Fax: 800-842-7011

SYLVANIA Lighting Services

Phone: 800-323-0572
Fax: 800-537-0784

Display/Optic

Phone: 888-677-2627
Fax: 855-543-1043

Canada

OSRAM SYLVANIA LTD.

2001 Drew Road
Mississauga, ON L5S 1S4
1-800-LIGHTBULB

Trade

Phone: 800-263-2852
Fax: 800-667-6772

OEM/Special Markets/Display/Optic

Phone: 800-265-2852
Fax: 800-667-6772

Retail

Phone: 800-720-2852
Fax: 800-667-6772

SYLVANIA Lighting Services

Phone: 800-663-4268
Fax: 866-239-1278

Mexico

OSRAM MEXICO

Tultitlan/Edo de Mexico
Phone: 011-52-55-58-99-18-50

ENCELIUM® Products

United States

Phone: 201-508-1570
Fax: 201-508-1589

Canada

Phone: 905-731-7678
Fax: 905-731-1401

www.sylvania.com

 /sylvania

 /sylvania