

SYLVANIA Lamps

ULTRA LED™ Glass PAR Lamps

ULTRA LED Glass PAR lamps are ideal for recessed downlights, track lighting, wall wash and general lighting applications in hospitality, office, property management, residential, restaurant, retail and school environments.

Benefits and Features

- Longer life than traditional halogen lamps
- No warm-up time, instant on with full light output and stable color
- Glass body with full optics – similar to halogen PAR lamps
- Rated for use in enclosed fixtures
- Up to 83 LPW
- Color temperature available in 2700K, 3000K, 4000K and 5000K
- Dimmable*
- CRI >80
- Available beam angles: 12°, 25°, 40°

* 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

Electrical

- 120V
- Power factor 95%

Rated Life

- 25,000 and 15,000 hours (L₇₀)

Warranty

- Standard 5 year lamp warranty

Ambient Operating Range

- -20°C to +45°C (-4°F to 113°F)

Certifications and Listings

- UL Wet rated
- ETL Food Safe Listed
- ENERGY STAR®

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.

Item #
Type
Project
Notes
Date



Wattage Comparison

Product Description	Similar Halogen	Wattage Saved	Energy Savings
LED 7W PAR20	50W	43	86%
LED 10W PAR30	75W	65	86%
LED 10W PAR30LN	75W	65	86%
LED 14W PAR38	100W	76	86%
LED 16W PAR38	120W	104	86%



Ordering Guide

LED	14	PAR38	/	DIM	/	8	30	/	FL	40	/	22Y	/	GL3	/	W
LED Lamps and Retrofits	Wattage: 7, 10, 13, 14, 16	Lamp Type: PAR38, PAR30LN, PAR30, PAR20		Dimmable		CRI = 80+	Color Temperature 2700K, 3000K, 4000K, 5000K		Flood	Beam Angle 12°, 25°, 40°		25,000 hours life		Glass Lamps		Wet Rated

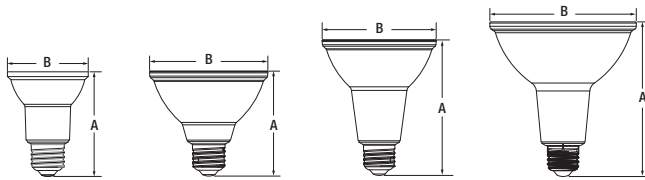
Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Replaces	Voltage (V)	Input Beam Angle	CBCP	Average Rated Life (hrs.) ¹	CCT ²	CRI ³	Case Qty	Typical Lumens (lm) ⁴	Power Factor	ENERGY STAR [®]	T20
78349	LED7PAR20/DIM/827/NFL25/22Y/GL3/W/RP	7	50W	120V	25	1700	25,000	2700K	82	82	525	0.95	Yes	
78350	LED7PAR20/DIM/827/FL40/22Y/GL3/W/RP	7	50W	120V	40	1200	25,000	2700K	82	82	525	0.95	Yes	
78347	LED7PAR20/DIM/830/NFL25/22Y/GL3/W/RP	7	50W	120V	25	1700	25,000	3000K	82	82	525	0.95	Yes	
78348	LED7PAR20/DIM/830/FL40/22Y/GL3/W/RP	7	50W	120V	40	1200	25,000	3000K	82	82	525	0.95	Yes	
78346	LED7PAR20/DIM/840/FL40/22Y/GL3/W/RP	7	50W	120V	40	1200	25,000	4000K	82	82	525	0.95	Yes	
74777	LED7PAR20/DIM/850/FL40/13Y/GL/W/RP	7	50W	120V	40	700	15,000	5000K	81	81	550	0.95	Yes	
79784	LED10PAR30/DIM/830/FL40/22Y/GL3/W/RP	10	75W	120V	40	1500	25,000	3000K	82	82	825	0.95	Yes	
79783	LED10PAR30/DIM/830/NFL25/22Y/GL3/W/RP	10	75W	120V	25	3200	25,000	3000K	82	82	825	0.95	Yes	
78251	LED10PAR30LN/DIM/827/NFL25/22Y/GL3/W/RP	10	75W	120V	25	3200	25,000	2700K	82	82	825	0.95	Yes	
78252	LED10PAR30LN/DIM/827/FL40/22Y/GL3/W/RP	10	75W	120V	40	1500	25,000	2700K	82	82	825	0.95	Yes	
78249	LED10PAR30LN/DIM/830/NFL25/22Y/GL3/W/RP	10	75W	120V	25	3200	25,000	3000K	82	82	825	0.95	Yes	
78250	LED10PAR30LN/DIM/830/FL40/22Y/GL3/W/RP	10	75W	120V	40	1500	25,000	3000K	82	82	825	0.95	Yes	
78248	LED10PAR30LN/DIM/840/FL40/22Y/GL3/W/RP	10	75W	120V	40	1500	25,000	4000K	82	82	825	0.95	Yes	
74603	LED11PAR30LN/DIM/850/FL40/13Y/GL/W/RP	11	75W	120V	40	1375	15,000	5000K	82	82	850	0.95	Yes	
74944	LED14PAR38/DIM/827/NFL25/22Y/GL3/W/RP	14	100W	120V	25	5500	25,000	2700K	82	82	1050	0.95	Yes	
74945	LED14PAR38/DIM/827/FL40/22Y/GL3/W/RP	14	100W	120V	40	2400	25,000	2700K	82	82	1050	0.95	Yes	
74036	LED14PAR38/DIM/830/SP12/GL1/W/RP	14	100W	120V	12	14,000	25,000	3000K	82	82	1050	0.95	Yes	
74942	LED14PAR38/DIM/830/NFL25/22Y/GL3/W/RP	14	100W	120V	25	5500	25,000	3000K	82	82	1050	0.95	Yes	
74943	LED14PAR38/DIM/830/FL40/22Y/GL3/W/RP	14	100W	120V	40	2400	25,000	3000K	82	82	1050	0.95	Yes	
74946	LED14PAR38/DIM/840/FL40/22Y/GL3/W/RP	14	100W	120V	40	2400	25,000	4000K	82	82	1050	0.95	Yes	
74948	LED13PAR38/DIM/850/FL40/13Y/GL/W/RP	13	100W	120V	40	1800	15,000	5000K	82	82	1050	0.95	Yes	
74940	LED16PAR38/DIM/830/NFL25/22Y/GL3/W/RP	16	120W	120V	25	6500	25,000	3000K	82	82	1300	0.95	Yes	
74941	LED16PAR38/DIM/830/FL40/22Y/GL3/W/RP	16	120W	120V	40	3200	25,000	3000K	82	82	1300	0.95	Yes	
74950	LED16PAR38/DIM/850/FL40/13Y/GL/W/RP	16	120W	120V	40	2300	15,000	5000K	82	82	1300	0.95	Yes	

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

Physical Information

Lamp Description	(A) MOL	(B) Diameter
LED PAR20	3.27 in	2.51 in
LED PAR30	3.34 in	3.74 in
LED PAR30LN	4.44 in	3.74 in
LED PAR38	5.11 in	4.80 in



Additional Specification Information

— Not for use with emergency light fixtures or exit lights.

Dimmer Compatibility

Dimmer Manufacturer	Dimmer Model	Control Type ¹	Item Number					
			78349, 78350, 78347, 78348, 78346, 74777		79784, 79783, 78251, 78252, 78249, 78250, 78248		74603	
			7W		10W		11W	
			Dimmer Min-Max ²	Dimming Range ³	Dimmer Min-Max ²	Dimming Range ³	Dimmer Min-Max ²	Dimming Range ³
Lutron	C.L. ⁴	FP	1 to 21	10-100%	1 to 15	10-100%	1 to 13	10-100%
	MACL-153M	FP	1 to 21	10-100%	1 to 15	10-100%	1 to 13	10-100%
	PD-6WCL	FP	1 to 21	10-100%	1 to 15	10-100%	1 to 13	10-100%
	DVELV-300P	RP	1 to 26	10-100%	1 to 20	10-100%	1 to 18	10-100%
	SELV-300P	RP	1 to 26	10-100%	1 to 20	10-100%	1 to 18	10-100%
	MAELV-600	RP	1 to 26	10-100%	1 to 20	10-100%	1 to 18	10-100%
Leviton	6674	FP	1 to 21	10-100%	1 to 15	10-100%	1 to 13	10-100%
Legrand	RHCL-453PW	FP	1 to 21	10-100%	1 to 15	10-100%	1 to 13	10-100%

Dimmer Manufacturer	Dimmer Model	Control Type ¹	Item Number					
			74948		74944, 74945, 74036, 74942, 74943, 74946		74940, 74941, 7495	
			13W		14W		16W	
			Dimmer Min-Max ²	Dimming Range ³	Dimmer Min-Max ²	Dimming Range ³	Dimmer Min-Max ²	Dimming Range ³
Lutron	C.L. ⁴	FP	1 to 11	10-100%	1 to 10	10-100%	1 to 9	10-100%
	MACL-153M	FP	1 to 11	10-100%	1 to 10	10-100%	1 to 9	10-100%
	PD-6WCL	FP	1 to 11	10-100%	1 to 10	10-100%	1 to 9	10-100%
	DVELV-300P	RP	1 to 16	10-100%	1 to 15	10-100%	1 to 14	10-100%
	SELV-300P	RP	1 to 16	10-100%	1 to 15	10-100%	1 to 14	10-100%
	MAELV-600	RP	1 to 16	10-100%	1 to 15	10-100%	1 to 14	10-100%
Leviton	6674	FP	1 to 11	10-100%	1 to 10	10-100%	1 to 9	10-100%
Legrand	RHCL-453PW	FP	1 to 11	10-100%	1 to 10	10-100%	1 to 9	10-100%

¹Control types FP and RP represent Forward Phase and Reverse Phase, respectively.

²Maximum lamps per dimmer value represents the maximum safe loading of the control.

³Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability.

⁴Includes models DVCL/TGCL/AYCL/SCL/CTCL/LECL

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