

Spot and general lighting

Philips LED Single Optic PAR30L Lamps with AirFlux Technology improves shopping experience with superior lighting aesthetics and optimal thermal efficiency in a sleek, lightweight design.

Features

- Single Optic lamps deliver greater visual comfort and increase merchandise “pop”
- Sleek, lightweight, finless design
- Excellent light output and candle power
- Emit virtually no UV/IR light in the beam
- Uniform beam distribution
- Smooth dimming to 10% of full light levels*
- Contains no mercury

Benefits

- Integrates seamlessly into existing recessed luminaires
- Will not fade colors, avoids inventory spoilage
- Focus light where it's needed most
- Long life—reduced maintenance cost
- Low energy use and waste—better for the environment

Applications

- Track and recessed luminaires
- General lighting in single, hospitality, office and residential spaces

* Dimmable when using leading and trailing edge dimmers. See Philips Website (www.philips.com/ledtechguide) for compatible dimmers.





Single Optic PAR30L LED lamps



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Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb	Base	Volts	Beam Angle (hours)	Rated Avg. Life ¹	Approx. Lumens ²	Approx. MBPC ^{2,3}	CRI	Color Temp. (Kelvin)	MOL (in.)	Key
PAR30L (Long) LED Single Optic – Standard Halogen 75W ENERGY STAR® Equivalent†													
45466-0	12.5PAR30L/F25 2700 DIM SO	12.5	PAR30L	Med.	120V	25°	25,000	850	4700	80	2700	4.6	A
45467-8	12.5PAR30L/F25 3000 DIM SO	12.5	PAR30L	Med.	120V	25°	25,000	900	5000	80	3000	4.6	A
45468-6	12.5PAR30L/F25 4000 DIM SO	12.5	PAR30L	Med.	120V	25°	25,000	950	5200	80	4000	4.6	A
45469-4	12.5PAR30L/F35 2700 DIM SO	12.5	PAR30L	Med.	120V	35°	25,000	850	2300	80	2700	4.6	A
45470-2	12.5PAR30L/F35 3000 DIM SO	12.5	PAR30L	Med.	120V	35°	25,000	900	2400	80	3000	4.6	A
45471-0	12.5PAR30L/F35 4000 DIM SO	12.5	PAR30L	Med.	120V	35°	25,000	950	2600	80	4000	4.6	A

1. Life is based on engineering testing and probability analysis.

2. Based on photometric testing consistent with IES LM-79.

3. Maximum Beam Candle Power.

● Uses AirFlux Technology.

■ ENERGY STAR® Certified LED Lamp.

† All Philips LED PAR, BR, and MR16 equivalencies for light output are based upon the ENERGY STAR® Integral LED Lamp Center Beam Intensity Benchmark tool which can be found at: www.ENERGYSTAR.gov/LEDbulbs, LED Light Bulbs for Partners, Program Requirements PDF, Page 11. A-shape and decorative candles are calculated on lumen values, not the ENERGY STAR® Integral LED Lamp Center Beam Intensity Benchmark tool.

This energy saving example shows an application of 100 lamps in a space currently using a 75W halogen PAR30L, operating 4,000 hours per year at a cost of \$0.11 per kWh. A Your actual savings may vary depending on the energy costs in your geographic location.

Replacing 100 halogen 75W PAR30L lamps with the Philips 12.5W LED PAR30L can provide significant energy cost savings of \$2,750.00 per year! Potential savings from the reduction in HVAC costs as a result of using a lower wattage lamp that emits less heat is an additional benefit not included in this example.

Saving Solution		
Estimated Lighting Costs Using a... Standard 75W PAR30L Halogen Lamp		Philips 12.5W LED PAR30L Lamp
Present Wattage	75 Watts	12.5 Watts
x Annual Operating Hours	4,000 hours	4,000 hours
	= 300,000 watt-hours	= 50,000 watt-hours
+1,000 =	= 300 kWh per year	= 50 kWh per year
x kWh rate of \$0.11	= \$33.00 per year	= \$5.50 per year
x 100 lamps per space	= \$3,300.00 annual energy cost per space	= \$550.00 annual energy cost per space
	Total Estimated Annual Savings^B	= \$2,750.00

A) The 12.5W PAR30L at 3120 candela compared to the 75W halogen PAR30L at 2910 candela.

B) Based on 100 lamps per space operating at 4,000 hours per year.

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/ SKU	SKUs/ Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
PAR30L (Long) LED Retail Optic – Standard Halogen 75W ENERGY STAR® Equivalent												
45466-0	45466-1	45466-6	6	5.59	0.328	672	1	96	7	4.0 x 4.0 x 4.9	12.6 x 8.4 x 5.3	47.2 x 39.4 x 43.1
45467-8	45467-8	45467-3	6	5.59	0.328	672	1	96	7	4.0 x 4.0 x 4.9	12.6 x 8.4 x 5.3	47.2 x 39.4 x 43.1
45468-6	45468-5	45468-0	6	5.59	0.328	672	1	96	7	4.0 x 4.0 x 4.9	12.6 x 8.4 x 5.3	47.2 x 39.4 x 43.1
45469-4	45469-2	45469-7	6	5.59	0.328	672	1	96	7	4.0 x 4.0 x 4.9	12.6 x 8.4 x 5.3	47.2 x 39.4 x 43.1
45470-2	45470-8	45470-3	6	5.59	0.328	672	1	96	7	4.0 x 4.0 x 4.9	12.6 x 8.4 x 5.3	47.2 x 39.4 x 43.1
45471-0	45471-5	45471-0	6	5.59	0.328	672	1	96	7	4.0 x 4.0 x 4.9	12.6 x 8.4 x 5.3	47.2 x 39.4 x 43.1

See bottom of page 51 for Warnings, Cautions and Instructions.