

Philips EnduraLED PAR38
Dimmable LED Lamps
with AirFlux Technology

*Ideal for general and accent
lighting in retail, hospitality,
office and residential spaces*

EnduraLED



A smooth design solution for a seamless look

Philips EnduraLED PAR38 Dimmable LED Lamps with AirFlux Technology
provide optimal thermal efficiency in a sleek, lightweight design.

High efficacy dimmable LED reflector lamp

- 19.5W PAR38 saves 100.5 watts of energy when compared to a 120W halogen PAR38*
- 45,000-hour rated average life¹
- Smooth dimming to 10% of full light levels*
- Excellent color rendering of 83 CRI
- Instant-on light
- Emits virtually no UV/IR light in the beam
- Contains no mercury

Easy to experience

- Lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- 3-year or 5-year limited warranty depending upon operating hours

(1, *, ** See back page for footnotes)

PHILIPS

Philips EnduraLED PAR38 Dimmable LED Lamps with AirFlux Technology

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

Product Number	Ordering Code	Nom. Watts	Volts	Lamps per SKU	Description	Lamp Type	Base	Rated Avg. Life (Hrs.) ¹	Approx. Lumens ²	Approx. MBCP ²	CRI	Color Temp. (Kelvin)	MOL (In.)
Standard Halogen PAR38 90W ENERGY STAR® Equivalent													
42051-3	18PAR38/END/F25 2700 DIM SM	18	120	1	EnduraLED Dimmable PAR38 25°	PAR38	Medium	45,000	900	3500	83	2700	5.2
42052-1	18PAR38/END/F25 3000 DIM SM	18	120	1	EnduraLED Dimmable PAR38 25°	PAR38	Medium	45,000	950	4100	82	3000	5.2
42088-5	18PAR38/END/F36 2700 DIM SM	18	120	1	EnduraLED Dimmable PAR38 36°	PAR38	Medium	45,000	900	2050	83	2700	5.2
42089-3	18PAR38/END/F36 3000 DIM SM	18	120	1	EnduraLED Dimmable PAR38 36°	PAR38	Medium	45,000	950	2200	84	3000	5.2
Standard Halogen PAR38 120W ENERGY STAR® Equivalent													
42121-4	19PAR38/END/F25 2700 DIM SM	19.5	120	1	EnduraLED Dimmable PAR38 25°	PAR38	Medium	45,000	1100	5400	84	2700	5.2
42122-2	19PAR38/END/F25 3000 DIM SM	19.5	120	1	EnduraLED Dimmable PAR38 25°	PAR38	Medium	45,000	1200	5900	83	3000	5.2

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.	SKUs Per 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.)
42051-3	42051-2	42051-7	6	7.35	0.641	324	54	6	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
42052-1	42052-9	42052-4	6	7.35	0.641	324	54	6	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
42088-5	42088-8	42088-3	6	7.35	0.641	324	54	6	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
42089-3	42089-5	42089-0	6	7.35	0.641	324	54	6	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
42121-4	42121-2	42121-7	6	7.35	0.641	324	54	6	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
42122-2	42122-9	42122-4	6	7.35	0.641	324	54	6	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0

1) Rated average life is based on engineering data testing and probability analysis.

2) Based on photometric testing consistent with IES LM-79. Maximum Beam Candlepower.

Footnotes from front:

1) Rated average life is based on engineering data testing and probability analysis.

* Dimmable when using leading edge dimmers (see Philips Website: www.philips.com/ledtechguide for compatible leading edge dimmers).

** Light output of the 19.5W EnduraLED PAR38 compares to the 120W halogen PAR38 based upon the ENERGY STAR® Integral LED Lamp Center Beam Intensity Benchmark tool which can be found at EnergyStar.gov/LEDbulbs, LED Light Bulbs for Partners, Program Requirements PDF Pg. 11.

Energy Efficiency

Estimated Lighting Costs Using a Standard 120W Halogen PAR38		
Present Wattage		120 W
x Annual Operating Hours		3000 hrs
	=	360,000 watt-hours
÷1,000	=	360 kWh per year
x kWh rate of \$0.11	=	\$39.60 per year
x 100 lamps per space	=	\$3960 annual energy cost per space
Estimated Lighting Costs Using a Philips 19.5W EnduraLED PAR38 Lamp		
Present Wattage		19.5 W
x Annual Operating Hours		3,000 hrs
	=	58,500 watt-hours
÷1,000	=	58.5 kWh per year
x kWh rate of \$0.11	=	\$6.44 per year
x 100 lamps per space	=	\$643.50 annual energy cost per space
Total Estimated Annual Savings⁰	=	\$3,316.50

⁰ Based on 100 lamps per space operating at 3,000 hours per year.

This energy saving example shows an application of 100 lamps in a space currently using a 120W halogen PAR38, operating 3,000 hours per year at a cost of \$0.11 per kWh.[†] Your actual savings may vary depending on the energy costs in your geographic location.

Replacing 100 halogen 120W PAR38 lamps with the Philips 19.5W EnduraLED PAR38 can provide significant energy cost savings of \$3,316.50 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.

[†] Light output of the 19.5W EnduraLED PAR38 Dimmable LED Lamp with AirFlux Technology at 5400 candela compares to a 120W halogen PAR38 at 2485 candela.

WARNINGS AND CAUTIONS

- Suitable for use in damp locations.
- Not for use in totally enclosed luminaires.
- Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

CAUTION: Risk of electric shock—do not use where directly exposed to water.

NOTES: This device complies with Part 18 of the FCC rule. This product may cause interference with other devices. If interference occurs, change the location of the products involved. This RFLD device complies with Canadian ICES-005.

