

Philips EnduraLED
PAR38 Series 800
Dimmable Indoor
LED Lamps

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

EnduraLED



Accent with style in multiple beam angles and improved lumens LED retrofits

Philips EnduraLED PAR38 Series 800 Dimmable Indoor LED Lamps with smooth dimming are perfect for track and recessed lighting. Their improved performance provides more light where you need it.

High efficacy dimmable LED reflector lamp

- 16W PAR38 saves 59 watts of energy when compared to a 75W halogen PAR38**
- 45,000 hour rated average life¹
- Smooth dimming to 10% of full light levels*
- Excellent color rendering of up to 90 CRI
- Instant-on light
- Emits virtually no UV/IR light in the beam
- Contains no mercury

Easy to experience

- Available in multiple beam angles: 10°, 15°, 22°, 25°, 36°
- 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

sense and simplicity

Philips EnduraLED PAR38 Series 800 Dimmable Indoor LED Lamps

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

Product Number	Ordering Code	Nom. Watts	Volts	Lamps per SKU	Description	Bulb Type	Base	Rated Avg. Life (Hrs.) ¹	Approx. Lumens ²	Approx. MBCP ^{2,3}	CRI	Color Temp. (Kelvin)	MOL (In.)
EnduraLED Dimmable PAR38													
41854-1	16PAR38/END/F25 2700-730 DIM 6/1	16	120	1	120V EnduraLED 16W Dimmable PAR38 25°	PAR38	Medium	45,000	730	3100	90	2700	5.2
41017-5	17PAR38/END/F22 2700 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 22°	PAR38	Medium	45,000	880	3900	85	2700	5.2
41018-3	17PAR38/END/F22 3000 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 22°	PAR38	Medium	45,000	930	4100	85	3000	5.2
41019-1	17PAR38/END/F22 4000 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 22°	PAR38	Medium	45,000	1050	4800	75	4000	5.2
41443-3	17PAR38/END/S10 3000 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 10°	PAR38	Medium	45,000	930	14000	82	3000	5.3
41451-6	17PAR38/END/S15 2700 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 15°	PAR38	Medium	45,000	880	7200	84	2700	5.3
41453-2	17PAR38/END/S15 4000 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 15°	PAR38	Medium	45,000	1080	9600	74	4000	5.3
41460-7	17PAR38/END/F36 2700 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 36°	PAR38	Medium	45,000	880	1500	84	2700	5.3
41461-5	17PAR38/END/F36 3000 DIM 6/1	17	120	1	120V EnduraLED 17W Dimmable PAR38 36°	PAR38	Medium	45,000	930	1600	82	3000	5.3

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.)
EnduraLED Dimmable PAR38											
41854-1	41854-0	41854-5	6	9.44	0.641	270	54	5	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
41017-5	41017-9	41017-4	6	9.14	0.641	324	54	6	5.1 x 5.1 x 5.7	10.8 x 16.1 x 6.4	37.7 x 42.9 x 38.3
41018-3	41018-6	41018-1	6	9.14	0.641	324	54	6	5.1 x 5.1 x 5.7	10.8 x 16.1 x 6.4	37.7 x 42.9 x 38.3
41019-1	41019-3	41019-8	6	9.14	0.641	324	54	6	5.1 x 5.1 x 5.7	10.8 x 16.1 x 6.4	37.7 x 42.9 x 38.3
41443-3	41443-6	41443-1	6	10.5	0.641	270	54	5	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
41451-6	41451-1	41451-6	6	10.5	0.641	270	54	5	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
41453-2	41453-5	41453-0	6	10.5	0.641	270	54	5	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
41460-7	41460-3	41430-8	6	10.5	0.641	270	54	5	5.1 x 5.1 x 5.8	15.9 x 10.8 x 6.4	47.2 x 39.4 x 38.0
41461-5	41461-0	41461-5	6	10.5	0.641	270	54	5	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 based on engineering testing and probability analysis.

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

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

** Light output of the 16W EnduraLED PAR38 compares to the 75W 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 75W Halogen PAR38	
Present Wattage	75 W
x Annual Operating Hours	3000 hrs
=	225,000 watt-hours
+1,000	= 225 kWh per year
x kWh rate of \$0.11	= \$24.75 per year
x 100 lamps per space	= \$2475 annual energy cost per space
Estimated Lighting Costs Using a Philips 16W EnduraLED PAR38 Lamp	
Present Wattage	16 W
x Annual Operating Hours	3,000 hrs
=	48,000 watt-hours
+1,000	= 48 kWh per year
x kWh rate of \$0.11	= \$5.28 per year
x 100 lamps per space	= \$528 annual energy cost per space
Total Estimated Annual Savings[◇]	= \$1,947

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

WARNINGS AND CAUTIONS

- Suitable for use in damp locations.
- Not for use in totally enclosed luminaires.
- Turn off power before changing lamp.

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.



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This energy saving example shows an application of 100 lamps in a space currently using a 75W 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 75W PAR38 lamps with the Philips 16W EnduraLED PAR38 can provide significant energy cost savings of \$1,947 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 16W PAR38 at 3100 candela compares to the 75W halogen PAR38 at 2943 candela.