

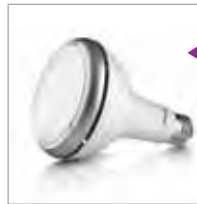


Lighting Catalog

Lamp Specification Guide 2013

PHILIPS

Contents



LED Lamps

Page 4



Fluorescent Lamps

Page 14



Compact Fluorescent Lamps

Page 44



HID Lamps

Page 64



Halogen Lamps

Page 96



Incandescent Lamps

Page 114



Specialty Lamps

Page 138











A Commitment to Excellence

For over 120 years, Philips has led the lighting industry, introducing innovative, energy-efficient lighting solutions and building a trusted reputation for exceptional performance and reliability. As the industry continues to transform, so do we to meet the changing needs of our customers.

We've streamlined our organization to enhance our customer experience, providing seamless service, while continuing to drive innovation with a complete portfolio of best-in-class products that represent the full depth, breadth and forward thinking that you can expect from an industry leader.



Contents

	LED A-Type Lamps Page 6		LED Candle Lamps Page 6		LED MR16 Lamps Page 7
	LED PAR16 GU10 Lamps Page 7		LED PAR20 Lamps Page 7		LED PAR30 Lamps Page 8
	LED PAR38 Lamps Page 9		LED Reflector Lamps Page 10		LED T8 Tube Lamps Page 10
	LED CorePro Lamps Page 11				





Transforming conventional light sources to LED can improve ambiance and energy efficiency and reduce maintenance.







Making possible uses where before it just didn't seem practical

Suited for accent, hard-to-maintain areas and around-the-clock operations, Philips LED retrofit lamps are a simple replacement for existing inefficient technology, reducing installation cost and complexity.

Philips LED retrofit lamps address key issues of heat management and overall lifespan. Designed for superb color consistency and sharp optics, LED lamps are ideal for close-range and general accent lighting. With no harmful UV radiation and virtually no heat, LEDs won't fade colors and avoid inventory spoilage.

The LED 800 Series retrofit lamps offer smooth dimming* and improved lumens for more 'punch' where you need it.

AirFlux Technology is an enhanced thermal technology that uses convection and conduction to dissipate heat, while maintaining first-in-class performance.

Current Product	Philips Upgrade Product	Benefit	Page
 60W A19 Incandescent (450 lumens)	 Philips LED A19	<ul style="list-style-type: none"> • Smooth dimming to 10% of full light levels* • Up to 25,000 hours rated average life • 3-year limited warranty 	6
 90W PAR38 Halogen	 Philips LED 13W PAR38 with Airflux Technology	<ul style="list-style-type: none"> • Smooth dimming to 10% of full light levels* • Improved lumens • Increased candela 	9
 50W Halogen	 Philips LED 10W MR16	<ul style="list-style-type: none"> • Active cooling • Improved lumens • Increased transformer compatibility 	7

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

LED Lamps

LED A-Type and Candle Lamps

Watts	Bulb Type	Base	Product Symbols, Number Footnotes	Ordering Code	Volts	Description	Rated Avg. Case Life (Hrs.)			Approx. MOL (ln.)	Approx. Life (Yrs.)		Energy Cost (¢/kWh)	Color Temp. (K)
							Qty.	(501,502)	MBCP [†]		CRI	(503)		

LED A-Type Lamps

FTC REQUIREMENTS*

7	A-Type	Med	42348-3	■	8A19/END/2700 DIM 6/I	120	A19 Dim*	6	25,000	—	81	4	470	22.8	\$0.84	2700
11	A-Type	Med	42349-1	■	11A19/END/2700 DIM 6/I	120	A19 Dim*	6	25,000	—	81	4	830	22.8	\$1.32	2700
10.5	A-Type	Med	43051-2	■	10.5A19/COREPRO/3000 6/I	120	A19 Dim*	6	25,000	—	81	4	800	22.8	\$1.26	2700
15	A-Type	Med	42875-5	■	15A21/2700 DIM 6/I	120	A21 Dim*	6	25,000	—	80	4½	1180	22.8	\$1.81	2700
	A-Type	Med	43218-7	■	15A21/2700-WHT DIM 6/I	120	A21 Dim*	6	25,000	—	80	4½	1180	22.8	\$1.81	2700
19	A-Type	Med	43221-1	■	19A21/2700-WHT DIM 6/I	120	A21 Dim*	6	25,000	—	80	4½	1780	22.8	\$2.65	2700
22	A-Type	Med	42352-5	■	22A21/END/2700 DIM	120	A21 Dim*	6	25,000	—	80	4½	1780	22.8	\$2.65	2700

LED Candle Lamps

3.5	BA11	Cand.	42778-1		3.5BA11/END/2700-E12 DIM 8/I	120	BA11 Clear Candle Dim*	8	25,000	—	80	4	180	22.8	\$0.42	2700
	B11	Cand.	42779-9		3.5B11/END/2700-E12 DIM 8/I	120	B11 Candle Dim*	8	25,000	—	80	4	180	22.8	\$0.42	2700
	B12	Cand.	42781-5		3.5B12/END/2700-E12 DIM 8/I	120	B12 Candle Dim*	8	25,000	—	80	4½	180	22.8	\$0.42	2700
	F15	Med.	42780-7		3.5F15/END/2700-E12 DIM 8/I	120	F15 Clear Postlight Dim*	8	25,000	—	80	4½	180	22.8	\$0.42	2700
4	F15	Med.	42935-7		4.5F15/END/2700-150 E26 DIM 10/I	120	F15 Frosted Postlight Dim*	8	25,000	—	80	4½	320	22.8	\$0.54	2700

For the most current product information, go to the e-catalog on www.philips.com
LED symbols and footnotes located on page 13



LED Lamps

LED MR16, PAR16 GU10 and PAR20 Lamps

Bulb Watts	Type	Base	Product Symbols, Number Footnotes	Ordering Code	Volts	Description	Case Qty.	Rated Avg.	Approx.	MOL	Approx. Life		Energy Cost	Color Temp.		
								Life (Hrs.)			(501,502)	(503)			(446)	(445)
LED MR16 Lamps																
FTC REQUIREMENTS*																
5.5	MR16	GU5.3	42039-8	■	5MR16/END/F24 2700 12V	12	MR16 Flood 24°	10	25,000	1200	85	1%	290	41.1	\$0.60	2700
			42038-0	■	5MR16/END/F24 3000 12V	12	MR16 Flood 24°	10	25,000	1250	82	1%	300	41.1	\$0.60	3000
7	MR16	GU5.3	41465-6	▶	7MR16/END/S15 2700 12V DIM	12	MR16 Spot 15° Dim*	10	40,000	2580	80	2%	325	36.5	\$0.84	2700
			41466-4	▶	7MR16/END/S15 3000 12V DIM	12	MR16 Spot 15° Dim*	10	40,000	2680	80	2%	345	36.5	\$0.84	3000
			41468-0		7MR16/END/F24 2700 12V DIM	12	MR16 Flood 24° Dim*	10	40,000	1450	82	2%	360	36.5	\$0.84	2700
			41471-4		7MR16/END/F36 2700 12V DIM	12	MR16 Wide Flood 36° Dim*	10	40,000	820	84	2%	335	36.5	\$0.84	2700
			41469-8		7MR16/END/F24 3000 12V DIM	12	MR16 Flood 24° Dim*	10	40,000	1520	82	2%	380	36.5	\$0.84	3000
			41472-2		7MR16/END/F36 3000 12V DIM	12	MR16 Wide Flood 36° Dim*	10	40,000	900	82	2%	360	36.5	\$0.84	3000
10	MR16	GU5.3	41474-8	▶	10MR16/END/S15 2700 DIM 10/I	12	MR16 Spot 15° Dim*	10	25,000	3320	80	2%	405	22.8	\$1.20	2700
			41475-5	▶	10MR16/END/S15 3000 DIM 10/I	12	MR16 Spot 15° Dim*	10	25,000	3560	80	2%	435	22.8	\$1.20	3000
			42016-6	■	10MR16/END/F24 2700 DIM 10/I	12	MR16 Flood 24° Dim*	10	25,000	1920	83	2	480	22.8	\$1.20	2700
			42017-4	■	10MR16/END/F24 3000 DIM 10/I	12	MR16 Flood 24° Dim*	10	25,000	1980	82	2	495	22.8	\$1.20	3000
			41478-9		10MR16/END/F24 3000 12V DIM	12	MR16 Flood 24° Dim*	10	25,000	1990	83	2	475	22.8	\$1.20	3000
			41479-7	▶	10MR16/END/F24 4000 DIM 10/I	12	MR16 Flood 24° Dim*	10	25,000	2060	84	2%	440	22.8	\$1.20	4000
			42018-2	■	10MR16/END/F35 2700 DIM 10/I	12	MR16 Wide Flood 35° Dim*	10	25,000	1260	83	2	470	22.8	\$1.20	2700
			42019-0	■	10MR16/END/F35 3000 DIM 10/I	12	MR16 Wide Flood 35° Dim*	10	25,000	1300	82	2	485	22.8	\$1.20	3000
			41482-1		10MR16/END/F36 4000 12V DIM	12	MR16 Wide Flood 36° Dim*	10	25,000	1020	84	2	410	22.8	\$1.20	4000

LED PAR16 GU10 Lamps																
6	PAR16	GU10	42350-9		6PAR16/F25 3000 120V 10/I	120	PAR16 Twistline GU10 Flood 25°	10	45,000	1050	85	2%	300	41.1	\$0.72	3000

LED PAR20 Lamps																
8	PAR20	Med.	42612-2	■	8PAR20/END/F25 2700 DIM 6/I	120	PAR20 Flood 25° Dim*	6	45,000	2300	84	3%	450	41.1	\$0.84	2700
			42613-0	■	8PAR20/END/F25 3000 DIM 6/I	120	PAR20 Flood 25° Dim*	6	45,000	2400	84	3%	470	41.1	\$0.84	3000
			42614-8	■	8PAR20/END/F25 4000 DIM 6/I	120	PAR20 Flood 25° Dim*	6	45,000	2400	84	3%	470	41.1	\$0.84	4000
			42615-5	■	8PAR20/END/F36 2700 DIM 6/I	120	PAR20 Wide Flood 36° Dim*	6	45,000	1100	84	3%	450	41.1	\$0.84	2700
			42616-3	■	8PAR20/END/F36 3000 DIM 6/I	120	PAR20 Wide Flood 36° Dim*	6	45,000	1100	84	3%	470	41.1	\$0.84	3000
			42617-1	■	8PAR20/END/F36 4000 DIM 6/I	120	PAR20 Wide Flood 36° Dim*	6	45,000	1100	84	3%	470	41.1	\$0.84	4000

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