



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 |
|--|--|---|------|
|  <p>60W A19 Incandescent (450 lumens)</p> |  <p>Philips LED 12.5W A19</p> | <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 |
|  <p>90W PAR38 Halogen</p> |  <p>Philips LED 18W PAR38 with Airflux Technology</p> | <ul style="list-style-type: none"> • Smooth dimming to 10% of full light levels* • Improved lumens • Increased candela | 9 |
|  <p>50W Halogen</p> |  <p>Philips LED 10W MR16</p> | <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. MBCP* | CRI | MOL (In.) | Approx. Life Lumens (Yrs.) | | Energy Cost (445) | Color Temp. (K) | |
|-------------------------|-----------|------|-----------------------------------|---------------|--------------------|-------------|-----------------------------|-------|---------------|-----|-----------|----------------------------|-------|-------------------|-----------------|------|
| | | | | | | | (501,502) | (503) | | | | (446) | (445) | | | |
| LED A-Type Lamps | | | | | | | | | | | | | | | | |
| 8 | A-Type | Med | 41483-9 | ■ | 8A19/END/2700 DIM | 120 | A19 Dim* | 6 | 25,000 | — | 81 | 4% | 470 | 22.8 | \$0.96 | 2700 |
| | | | 40993-8 | | 8A19/END/2700 DIM | 120 | A19 Dim* | 6 | 25,000 | — | 80 | 4% | 450 | 22.8 | \$0.96 | 2700 |
| 12.5 | A-Type | Med | 40994-6 | ■ | 12A19/END/2700 DIM | 120 | A19 Dim* | 6 | 25,000 | — | 80 | 4% | 800 | 22.8 | \$1.45 | 2700 |
| 17 | A-Type | Med | 41859-0 | ■ | 17A21/END/2700 DIM | 120 | A21 Dim* | 6 | 25,000 | — | 80 | 4% | 1100 | 22.8 | \$2.05 | 2700 |

FTC REQUIREMENTS

Philips Award Winning LED Bulb

| | | | | | | | | | | | | | | | | |
|----|--------|-----|---------|---|-------------------------------|-----|----------|---|--------|---|----|----|-----|------|--------|------|
| 10 | A-Type | Med | 42022-4 | ■ | 10A19/LPRIZE-PRO/2700 DIM 6/I | 120 | A19 Dim* | 6 | 25,000 | — | 92 | 4% | 940 | 22.8 | \$1.20 | 2700 |
|----|--------|-----|---------|---|-------------------------------|-----|----------|---|--------|---|----|----|-----|------|--------|------|

LED Candle Lamps

| | | | | | | | | | | | | | | | | |
|---|------|-------|---------|--|--------------------------------|-----|----------------------------|---|--------|---|----|----|-----|------|--------|------|
| 3 | BA11 | Cand. | 42042-2 | | 3BA11/END/2700-E12 DIM 8/I | 120 | BA11 Clear Candle Dim* | 8 | 25,000 | — | 92 | 4 | 180 | 22.8 | \$0.36 | 2700 |
| | B11 | Cand. | 42041-4 | | 3B11/END/2700-E12 DIM 8/I | 120 | B11 Candle Dim* | 8 | 25,000 | — | 92 | 3% | 180 | 22.8 | \$0.36 | 2700 |
| | B12 | Cand. | 42691-6 | | 3B12/END/2700-E12 DIM 8/I | 120 | B12 Candle Dim* | 8 | 25,000 | — | 92 | 3% | 180 | 22.8 | \$0.36 | 2700 |
| | F15 | Med. | 42043-0 | | 3F15/END/2700-E26 DIM 8/I | 120 | F15 Clear Postlight Dim* | 8 | 25,000 | — | 92 | 4% | 200 | 22.8 | \$0.36 | 2700 |
| 4 | F15 | Med. | 42723-7 | | 4F15/END/2700-150 E26 DIM 10/I | 120 | F15 Frosted Postlight Dim* | 8 | 25,000 | — | 90 | 4% | 320 | 22.8 | \$0.48 | 2700 |

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LED symbols and footnotes located on page 12





LED Lamps

LED MR16, PAR16 GU10 and PAR20 Lamps

| Watts | Bulb Type | Base | Product Number | Symbols, Footnotes | Ordering Code | Volts | Description | Rated Avg. Case Life (Hrs.) | | | Approx. MBCP* CRI | MOL (In.) | Approx. Life (Yrs.) | Energy Cost (445) | Color Temp. (K) | |
|-------------------------|-----------|-------|----------------|--------------------|------------------------------|-------|--------------------------|-----------------------------|-----------|-----------|-------------------|-----------|---------------------|-------------------|-----------------|------|
| | | | | | | | | (501.502) | (501.502) | (501.502) | | | | | | |
| LED MR16 Lamps | | | | | | | | | | | | | | | | |
| FTC REQUIREMENTS | | | | | | | | | | | | | | | | |
| 4 | MR16 | GU5.3 | 40828-6 | | 4MR16/END/F24 4000 12V | 12 | MR16 Flood 24° | 10 | 45,000 | 720 | 82 | 1½ | 180 | 41.1 | \$0.48 | 4000 |
| 5.5 | MR16 | GU5.3 | 42039-8 | | 5MR16/END/F24 2700 12V | 12 | MR16 Flood 24° | 10 | 25,000 | 1200 | 85 | 1½ | 290 | 41.1 | \$0.60 | 2700 |
| | | | 42038-0 | | 5MR16/END/F24 3000 12V | 12 | MR16 Flood 24° | 10 | 25,000 | 1250 | 82 | 1½ | 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 | 2½ | 325 | 36.5 | \$0.84 | 2700 |
| | | | 41466-4 | | 7MR16/END/S15 3000 12V DIM | 12 | MR16 Spot 15° Dim* | 10 | 40,000 | 2680 | 80 | 2½ | 345 | 36.5 | \$0.84 | 3000 |
| | | | 41468-0 | | 7MR16/END/F24 2700 12V DIM | 12 | MR16 Flood 24° Dim* | 10 | 40,000 | 1450 | 82 | 2½ | 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 | 2½ | 335 | 36.5 | \$0.84 | 2700 |
| | | | 41469-8 | | 7MR16/END/F24 3000 12V DIM | 12 | MR16 Flood 24° Dim* | 10 | 40,000 | 1520 | 82 | 2½ | 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 | 2½ | 360 | 36.5 | \$0.84 | 3000 |
| | | | 41470-6 | | 7MR16/END/F24 4000 12V DIM | 12 | MR16 Flood 24° Dim* | 10 | 40,000 | 1580 | 85 | 2½ | 350 | 36.5 | \$0.84 | 4000 |
| | | | 41473-0 | | 7MR16/END/F36 4000 12V DIM | 12 | MR16 Wide Flood 36° Dim* | 10 | 40,000 | 860 | 84 | 2½ | 325 | 36.5 | \$0.84 | 4000 |
| 10 | MR16 | GU5.3 | 41474-8 | | 10MR16/END/S15 2700 DIM 10/I | 12 | MR16 Spot 15° Dim* | 10 | 25,000 | 3320 | 80 | 2½ | 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 | 2½ | 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 |
| | | | 41479-7 | | 10MR16/END/F24 4000 DIM 10/I | 12 | MR16 Flood 24° Dim* | 10 | 25,000 | 2060 | 84 | 2½ | 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 |

LED PAR16 GU10 Lamps

| | | | | | | | | | | | | | | | | |
|---|-------|------|---------|--|---------------------------|-----|--------------------------------|----|--------|------|----|----|-----|------|--------|------|
| 6 | PAR16 | GU10 | 42350-9 | | 6PAR16/F25 3000 120V 10/I | 120 | PAR16 Twistline GU10 Flood 24° | 10 | 45,000 | 1050 | 85 | 2½ | 300 | 41.1 | \$0.72 | 3000 |
|---|-------|------|---------|--|---------------------------|-----|--------------------------------|----|--------|------|----|----|-----|------|--------|------|

LED PAR20 Lamps

| | | | | | | | | | | | | | | | | |
|---|-------|------|---------|--|-----------------------------|-----|---------------------------|---|--------|------|----|----|-----|------|--------|------|
| 7 | PAR20 | Med. | 41857-4 | | 7PAR20/END/F25 2700 DIM 6/I | 120 | PAR20 Flood 25° Dim* | 6 | 45,000 | 1300 | 83 | 3½ | 280 | 41.1 | \$0.84 | 2700 |
| | | | 41858-2 | | 7PAR20/END/F25 3000 DIM 6/I | 120 | PAR20 Flood 25° Dim* | 6 | 45,000 | 1300 | 83 | 3½ | 280 | 41.1 | \$0.84 | 3000 |
| | | | 41010-0 | | 7PAR20/END/F25 4000 DIM 6/I | 120 | PAR20 Flood 25° Dim* | 6 | 45,000 | 1200 | 83 | 3½ | 280 | 41.1 | \$0.84 | 4000 |
| 8 | PAR20 | Med. | 42612-2 | | 8PAR20/END/F25 2700 DIM 6/I | 120 | PAR20 Flood 25° Dim* | 6 | 45,000 | 2300 | 84 | 3½ | 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 | 3½ | 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 | 3½ | 470 | 41.1 | \$0.84 | 4000 |
| | | | 42615-5 | | 8PAR20/END/F36 2700 DIM 6/I | 120 | PAR20 Wide Flood 36° Dim* | 6 | 45,000 | 2300 | 84 | 3½ | 450 | 41.1 | \$0.84 | 2700 |
| | | | 42616-3 | | 8PAR20/END/F36 3000 DIM 6/I | 120 | PAR20 Wide Flood 36° Dim* | 6 | 45,000 | 2400 | 84 | 3½ | 470 | 41.1 | \$0.84 | 3000 |
| | | | 42617-1 | | 8PAR20/END/F36 4000 DIM 6/I | 120 | PAR20 Wide Flood 36° Dim* | 6 | 45,000 | 2400 | 84 | 3½ | 470 | 41.1 | \$0.84 | 4000 |

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LED symbols and footnotes located on page 12





LED Lamps

LED PAR30S and PAR30L Lamps

| Bulb Watts | Type | Base | Product Symbols, Number Footnotes | Ordering Code | Volts | Description | Rated Avg. | | Approx. Case Qty. | MBCP* | CRI | MOL (In.) | Approx. Life | | Energy Cost | Color Temp. (K) | |
|-------------------------|--------|------|-----------------------------------|---------------|----------------|--------------|-------------|-------------------------|-------------------|--------|------|-----------|--------------|-------|-------------|-----------------|------|
| | | | | | | | Life (Hrs.) | (501,502) | | | | | (Yrs.) | (446) | | | |
| LED PAR30S Lamps | | | | | | | | | | | | | | | | | |
| FTC REQUIREMENTS | | | | | | | | | | | | | | | | | |
| 11 | PAR30S | Med. | 40809-6 | I1 | PAR30S/END/F22 | 2700 DIM | 120 | PAR30S Flood 22° Dim* | 6 | 45,000 | 2200 | 82 | 3½ | 440 | 41.1 | \$1.32 | 2700 |
| | | | 40810-4 | I1 | PAR30S/END/F22 | 3000 DIM | 120 | PAR30S Flood 22° Dim* | 6 | 45,000 | 2200 | 83 | 3½ | 440 | 41.1 | \$1.32 | 3000 |
| | | | 40811-2 | I1 | PAR30S/END/F20 | 4200 DIM | 120 | PAR30S Flood 20° Dim* | 6 | 45,000 | 3100 | 65 | 3½ | 610 | 41.1 | \$1.32 | 4200 |
| 12 | PAR30S | Med. | 41011-8 | I2 | PAR30S/END/F22 | 2700 DIM | 120 | PAR30S Flood 22° Dim* | 6 | 45,000 | 2900 | 85 | 3½ | 660 | 41.1 | \$1.45 | 2700 |
| | | | 41012-6 | I2 | PAR30S/END/F22 | 3000 DIM | 120 | PAR30S Flood 22° Dim* | 6 | 45,000 | 3100 | 85 | 3½ | 700 | 41.1 | \$1.45 | 3000 |
| 13 | PAR30S | Med. | 42535-5* | I3 | PAR30S/END/S15 | 2700 DIM 6/I | 120 | PAR30S Spot 15° Dim* | 6 | 45,000 | 6000 | 83 | 3½ | 720 | 41.1 | \$1.57 | 2700 |
| | | | 42536-3* | I3 | PAR30S/END/S15 | 3000 DIM 6/I | 120 | PAR30S Spot 15° Dim* | 6 | 45,000 | 6075 | 83 | 3½ | 750 | 41.1 | \$1.57 | 3000 |
| | | | 42537-1* | I3 | PAR30S/END/S15 | 4000 DIM 6/I | 120 | PAR30S Spot 15° Dim* | 6 | 45,000 | 6075 | 83 | 3½ | 750 | 41.1 | \$1.57 | 4000 |
| | | | 42344-2 | I3 | PAR30S/END/F25 | 2700 DIM 6/I | 120 | PAR30S Flood 25° Dim* | 6 | 45,000 | 3000 | 83 | 3½ | 720 | 41.1 | \$1.57 | 2700 |
| | | | 42345-9 | I3 | PAR30S/END/F25 | 3000 DIM 6/I | 120 | PAR30S Flood 25° Dim* | 6 | 45,000 | 3150 | 83 | 3½ | 750 | 41.1 | \$1.57 | 3000 |
| | | | 42538-9* | I3 | PAR30S/END/F25 | 4000 DIM 6/I | 120 | PAR30S Flood 25° Dim* | 6 | 45,000 | 3200 | 83 | 3½ | 750 | 41.1 | \$1.57 | 4000 |
| | | | 42346-7 | I3 | PAR30S/END/F36 | 2700 DIM 6/I | 120 | PAR30S W.Flood 36° Dim* | 6 | 45,000 | 1450 | 83 | 3½ | 720 | 41.1 | \$1.57 | 2700 |
| | | | 42347-5 | I3 | PAR30S/END/F36 | 3000 DIM 6/I | 120 | PAR30S W.Flood 36° Dim* | 6 | 45,000 | 1550 | 83 | 3½ | 750 | 41.1 | \$1.57 | 3000 |
| | | | 42539-7* | I3 | PAR30S/END/F36 | 4000 DIM 6/I | 120 | PAR30S W.Flood 36° Dim* | 6 | 45,000 | 1550 | 83 | 3½ | 750 | 41.1 | \$1.57 | 3000 |

LED PAR30L Lamps

| | | | | | | | | | | | | | | | | | |
|----|--------|------|----------|----|----------------|--------------|-----|-------------------------|---|--------|------|----|----|-----|------|--------|------|
| 11 | PAR30L | Med. | 40812-0 | I1 | PAR30L/END/F22 | 2700 DIM | 120 | PAR30L Flood 22° Dim* | 6 | 45,000 | 2200 | 82 | 4% | 440 | 41.1 | \$1.32 | 2700 |
| | | | 40813-8 | I1 | PAR30L/END/F22 | 3000 DIM | 120 | PAR30L Flood 22° Dim* | 6 | 45,000 | 2200 | 85 | 4% | 440 | 41.1 | \$1.32 | 3000 |
| | | | 40814-6 | I1 | PAR30L/END/F20 | 4200 DIM | 120 | PAR30L Flood 20° Dim* | 6 | 45,000 | 3100 | 67 | 4% | 610 | 41.1 | \$1.32 | 4200 |
| 12 | PAR30L | Med. | 41014-2 | I2 | PAR30L/END/F22 | 2700 DIM | 120 | PAR30L Flood 22° Dim* | 6 | 45,000 | 2900 | 85 | 4% | 660 | 41.1 | \$1.45 | 2700 |
| | | | 41457-3 | I2 | PAR30L/END/F36 | 2700 DIM | 120 | PAR30L W.Flood 36° Dim* | 6 | 45,000 | 1200 | 84 | 4% | 660 | 41.1 | \$1.45 | 2700 |
| | | | 41015-9 | I2 | PAR30L/END/F22 | 3000 DIM | 120 | PAR30L Flood 22° Dim* | 6 | 45,000 | 3000 | 85 | 4% | 700 | 41.1 | \$1.45 | 3000 |
| | | | 41458-1 | I2 | PAR30L/END/F36 | 3000 DIM | 120 | PAR30L W.Flood 36° Dim* | 6 | 45,000 | 1300 | 82 | 4% | 700 | 41.1 | \$1.45 | 3000 |
| 13 | PAR30L | Med. | 41856-6 | I3 | PAR30L/END/F25 | 2700 DIM 6/I | 120 | PAR30L Flood 25° Dim* | 6 | 45,000 | 3600 | 80 | 4% | 820 | 41.1 | \$1.57 | 2700 |
| | | | 42047-1 | I3 | PAR30L/END/F25 | 2700 DIM 6/I | 120 | PAR30L Flood 25° Dim* | 6 | 45,000 | 3200 | 83 | 4% | 720 | 41.1 | \$1.57 | 2700 |
| | | | 42080-2 | I3 | PAR30L/END/F25 | 3000 DIM 6/I | 120 | PAR30L Flood 25° Dim* | 6 | 45,000 | 3200 | 80 | 4% | 750 | 41.1 | \$1.57 | 3000 |
| | | | 42533-0* | I3 | PAR30L/END/F25 | 4000 DIM 6/I | 120 | PAR30L Flood 25° Dim* | 6 | 45,000 | 3200 | 83 | 4% | 750 | 41.1 | \$1.57 | 4000 |
| | | | 42049-7 | I3 | PAR30L/END/F36 | 2700 DIM 6/I | 120 | PAR30L W.Flood 36° Dim* | 6 | 45,000 | 1512 | 82 | 4% | 720 | 41.1 | \$1.57 | 2700 |
| | | | 42050-5 | I3 | PAR30L/END/F36 | 3000 DIM 6/I | 120 | PAR30L W.Flood 36° Dim* | 6 | 45,000 | 1512 | 81 | 4% | 750 | 41.1 | \$1.57 | 3000 |
| | | | 42534-8* | I3 | PAR30L/END/F36 | 4000 DIM 6/I | 120 | PAR30L W.Flood 36° Dim* | 6 | 45,000 | 1512 | 83 | 4% | 750 | 41.1 | \$1.57 | 4000 |

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*Available in Q4 2012





LED Lamps

LED PAR38 Lamps

| Watts | Bulb Type | Base | Product Symbols, Number Footnotes | Ordering Code | Volts | Description | Rated Avg. Case Life (Hrs.) | | Approx. MBCP* CRI | MOL (In.) | Approx. Life Lumens (503) | Energy Cost (445) | Color Temp. (K) | | | | |
|------------------------|-----------|------|-----------------------------------|---------------|-------------------|-------------|-----------------------------|--------------------------|-------------------|-----------|---------------------------|-------------------|-------------------------|------|------|--------|------|
| | | | | | | | (501,502) | (446) | | | | | | | | | |
| LED PAR38 Lamps | | | | | | | | | | | | | FTC REQUIREMENTS | | | | |
| 16 | PAR38 | Med. | 40817-9 | ▶ | I6PAR38/END/F20 | 4200 DIM | 120 | PAR38 Flood 20° Dim* | 6 | 45,000 | 4800 | 67 | 5½ | 920 | 41.1 | \$1.93 | 4200 |
| | | | 40815-3 | | I6PAR38/END/F22 | 2700 DIM | 120 | PAR38 Flood 22° Dim* | 6 | 45,000 | 2900 | 82 | 5½ | 650 | 41.1 | \$1.93 | 2700 |
| | | | 40816-1 | | I6PAR38/END/F22 | 3000 DIM | 120 | PAR38 Flood 22° Dim* | 6 | 45,000 | 2900 | 85 | 5½ | 650 | 41.1 | \$1.93 | 3000 |
| | | | 41854-1 | ■▲ | I6PAR38/END/F25 | 2700 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 3100 | 90 | 5½ | 730 | 41.1 | \$1.93 | 2700 |
| 17 | PAR38 | Med. | 41451-6 | ■▶ | I7PAR38/END/S15 | 2700 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 7200 | 84 | 5½ | 880 | 41.1 | \$2.05 | 2700 |
| | | | 41453-2 | ■ | I7PAR38/END/S15 | 4000 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 9600 | 78 | 5½ | 1080 | 41.1 | \$2.05 | 4000 |
| | | | 41019-1 | ■ | I7PAR38/END/F22 | 4000 DIM | 120 | PAR38 Flood 22° Dim* | 6 | 45,000 | 4800 | 75 | 5½ | 1050 | 41.1 | \$2.05 | 4000 |
| | | | 41855-8 | ■● | I7PAR38/END/F25 | 3000 OD | 120 | PAR38 Flood 25° Outdoor* | 6 | 25,000 | 4000 | 81 | 5½ | 1050 | 22.8 | \$2.05 | 3000 |
| 18 | PAR38 | Med. | 42540-5* | ●▶ | I8PAR38/END/S15 | 2700 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 7300 | 83 | 5½ | 900 | 41.1 | \$2.17 | 2700 |
| | | | 41852-5 | ■▶ | I8PAR38/END/S15 | 3000 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 10,000 | 80 | 5½ | 1200 | 41.1 | \$2.17 | 3000 |
| | | | 42541-3* | ●▶ | I8PAR38/END/S15 | 3000 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 7700 | 83 | 5½ | 950 | 41.1 | \$2.17 | 3000 |
| | | | 42542-1* | ●▶ | I8PAR38/END/S15 | 4000 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 7700 | 83 | 5½ | 950 | 41.1 | \$2.17 | 4000 |
| | | | 42051-3 | ●■ | I8PAR38/END/F25 | 2700 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 3900 | 83 | 5½ | 900 | 41.1 | \$2.17 | 2700 |
| | | | 41853-3 | ■ | I8PAR38/END/F25 | 3000 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 5070 | 81 | 5½ | 1200 | 41.1 | \$2.17 | 3000 |
| | | | 42052-1 | ●■ | I8PAR38/END/F25 | 3000 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 4100 | 82 | 5½ | 950 | 41.1 | \$2.17 | 3000 |
| | | | 42543-9* | ●▶ | I8PAR38/END/F25 | 4000 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 3990 | 83 | 5½ | 950 | 41.1 | \$2.17 | 3000 |
| | | | 42088-5 | ●■ | I8PAR38/END/F36 | 2700 DIM | 120 | PAR38 W. Flood 36° Dim* | 6 | 45,000 | 2050 | 83 | 5½ | 900 | 41.1 | \$2.17 | 2700 |
| | | | 42089-3 | ●■ | I8PAR38/END/F36 | 3000 DIM | 120 | PAR38 W. Flood 36° Dim* | 6 | 45,000 | 2200 | 84 | 5½ | 950 | 41.1 | \$2.17 | 3000 |
| | | | 42544-7* | ●▶ | I8PAR38/END/F36 | 4000 DIM | 120 | PAR38 W. Flood 36° Dim* | 6 | 45,000 | 2200 | 84 | 5½ | 950 | 41.1 | \$2.17 | 4000 |
| 19.5 | PAR38 | Med. | 42545-4* | ●▶ | I9.5PAR38/END/S15 | 2700 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 9100 | 83 | 5½ | 1100 | 41.1 | \$2.35 | 2700 |
| | | | 42547-0* | ●▶ | I9.5PAR38/END/S15 | 3000 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 10,000 | 83 | 5½ | 1100 | 41.1 | \$2.35 | 3000 |
| | | | 42549-6* | ●▶ | I9.5PAR38/END/S15 | 4000 DIM | 120 | PAR38 Spot 15° Dim* | 6 | 45,000 | 10,000 | 83 | 5½ | 1100 | 41.1 | \$2.35 | 4000 |
| | | | 42121-4 | ● | I9.5PAR38/END/F25 | 2700 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 5400 | 84 | 5½ | 1100 | 41.1 | \$2.35 | 2700 |
| | | | 42122-2 | ● | I9.5PAR38/END/F25 | 3000 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 5900 | 83 | 5½ | 1200 | 41.1 | \$2.35 | 3000 |
| | | | 42335-0* | ●■▶ | I9.5PAR38/END/F25 | 4000 DIM | 120 | PAR38 Flood 25° Dim* | 6 | 45,000 | 5800 | 83 | 5½ | 1200 | 41.1 | \$2.35 | 4000 |
| | | | 42546-2 | ●▶ | I9.5PAR38/END/F36 | 2700 DIM | 120 | PAR38 W. Flood 36° Dim* | 6 | 45,000 | 2310 | 84 | 5½ | 1100 | 41.1 | \$2.35 | 2700 |
| | | | 42548-8 | ●▶ | I9.5PAR38/END/F36 | 3000 DIM | 120 | PAR38 W. Flood 36° Dim* | 6 | 45,000 | 2520 | 83 | 5½ | 1200 | 41.1 | \$2.35 | 3000 |
| | | | 42550-4* | ●▶ | I9.5PAR38/END/F36 | 4000 DIM | 120 | PAR38 W. Flood 36° Dim* | 6 | 45,000 | 2520 | 83 | 5½ | 1200 | 41.1 | \$2.35 | 4000 |

For the most current product information, go to the e-catalog on www.philips.com
 LED symbols and footnotes located on page 12
 * Available in Q4 2012



16W PAR38 Med.



17W/18W PAR38 Med.



PAR38 Outdoor Med.



18W SM/19.5W SM PAR38 Med.



LED Lamps

LED BR30, BR40 and T8 Tube Lamps

| Watts | Bulb Type | Base | Product Number | Symbols, Footnotes | Ordering Code | Volts | Description | Rated Avg. Life (Hrs.) | | Approx. MBCP* CRI | MOL (In.) | Approx. Life Lumens (Yrs.) | | Energy Cost (445) | Color Temp. (K) |
|-------|-----------|------|----------------|--------------------|---------------|-------|-------------|------------------------|-----------|-------------------|-----------|----------------------------|-------|-------------------|-----------------|
| | | | | | | | | Case Qty. | (501,502) | | | (503) | (446) | | |

LED Reflector Lamps

FTC REQUIREMENTS

| | | | | | | | | | | | | | | | | |
|----|------|------|---------|-----|----------------------------|-----|----------------------|---|--------|---|----|----|-----|------|--------|------|
| 13 | BR30 | Med. | 42055-4 | ● ■ | I3BR30/END/F90 2700 DIM SM | 120 | BR30 Wide Flood 90°* | 6 | 25,000 | — | 82 | 5½ | 730 | 22.8 | \$1.57 | 2700 |
| 14 | BR40 | Med. | 42056-2 | ● ■ | I4BR40/END/S90 2700 DIM SM | 120 | BR40 Wide Flood 90°* | 6 | 25,000 | — | 82 | 6½ | 800 | 22.8 | \$1.57 | 2700 |

| Watts | Bulb Type | Base | Product Number | Symbols, Footnotes | Ordering Code | Volts | Description | Pkg. Qty. | CRI | Rated Avg. Life (Hrs.) | | Nom. Length (In.) | Approx. Life Lumens (Yrs.) | | Energy Cost (445) | Color Temp. (K) |
|-------|-----------|------|----------------|--------------------|---------------|-------|-------------|-----------|-----|------------------------|-------|-------------------|----------------------------|-------|-------------------|-----------------|
| | | | | | | | | | | (501,502) | (504) | | (446) | (445) | | |

LED T8 Tube GA Specifier Series Lamps

FTC REQUIREMENTS

| | | | | | | | | | | | | | | | |
|----|----|-----|----------|---|---------------------------|---------|---------------------------|----|----|--------|----|------|------|--|------|
| 10 | T8 | G13 | 42182-6* | □ | I0T8/END/24-3500 UNV 10/I | 100-277 | Linear LED T8 Tube, 3500K | 10 | 85 | 40,000 | 24 | 825 | 36.5 | | 3500 |
| | | | 42186-7* | □ | I0T8/END/24-4000 UNV 10/I | 100-277 | Linear LED T8 Tube, 4000K | 10 | 85 | 40,000 | 24 | 825 | 36.5 | | 4000 |
| 19 | T8 | G13 | 42183-4* | □ | I9T8/END/48-3500 UNV 10/I | 100-277 | Linear LED T8 Tube, 3500K | 10 | 85 | 40,000 | 48 | 1650 | 36.5 | | 3500 |
| | | | 42187-5* | □ | I9T8/END/48-4000 UNV 10/I | 100-277 | Linear LED T8 Tube, 4000K | 10 | 85 | 40,000 | 48 | 1650 | 36.5 | | 4000 |

For the most current product information, go to the e-catalog on www.philips.com

LED symbols and footnotes located on page 12

*Available in Q4 2012





LED Lamps

LED Base Types and Bulb Shapes

LED Base Types (Not Actual Sizes)



Med.
Medium



Cand.
Candelabra



GU10



GU5.3



G13

LED Bulb Shapes (Not Actual Sizes)



8W/12.5W
A-Type



10W
LPrize



17W
A-Type



BA11



B11



B12



F15



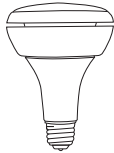
GU10



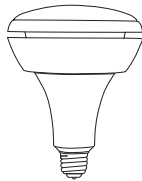
MR16
Flood



MR16
Spot



BR30



Airflux
BR40



7W
PAR20



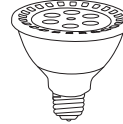
8W Airflux
PAR20



PAR30S



800 Series
PAR30S



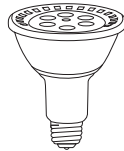
Airflux
PAR30S



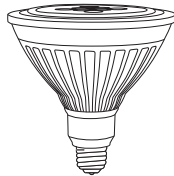
PAR30L



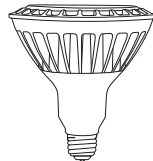
800 Series
PAR30L



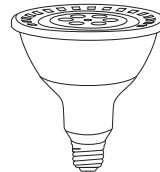
Airflux
PAR30L



PAR38



800 Series
PAR38



Airflux
PAR38



T8 Tube



LED Lamps

Symbols and Footnotes

For the most current product information, go to the e-catalog on www.philips.com

- ◆ Maximum Beam Candlepower
- ✦ Dimmable when using leading edge dimmers. See Philips Website (www.philips.com/ledtechguide) for compatible leading edge dimmers.
- Exclusive to Philips Lighting Company
- ENERGY STAR Bulb: As an ENERGY STAR Partner, Philips has determined that this product meets the ENERGY STAR guidelines for energy efficiency.
- ▶ Make to order lamps.
- Uses AirFlux Technology.
- ▲ 90 CRI enables superior color rendition.
- Suitable for wet locations.

(445) Estimated energy cost is based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use.

(446) Life in years is based on 3 hrs/day.

(501) Rated average life is the length of operation (in hours) at which point an average of 50% of the lamps will still be operational and 50% will not.

(502) Rated average life based on engineering testing and probability analysis.

(503) Lifetime testing consistent with IES LM-80, Lumen Maintenance Procedure.

(504) Photometric testing consistent with IES LM-79.

(505) Maximum power consumed at start-up. Steady state power consumption will be less.

(506) Minimum Lumen Maintenance is the minimum number of hours after which the LED light output depreciates to 70% of its initial output. This value, L_{70} , is tested @ 25°C ambient temperature. (IES LM-80)

(507) The LED Fixture, Initial Lumens is determined as prescribed in IESNA LM-79, Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products, which specifies lumen measurements of the fixture be reported after the measurements have stabilized at 25°C.

(508) Photometric testing consistent with IES LM-79. Maximum Beam Candlepower.

