

Philips BR Dimmable
LED Lamps with
AirFlux Technology

*Ideal for downlighting in
hospitality, residential and
government buildings*

LED



A smooth design solution for a seamless look

Philips BR Dimmable LED Lamps with AirFlux Technology provide a soft, diffused level of light and smooth dimming to reduce glare. The sleek, lightweight design is ideal for downlighting.

High efficacy LED downlight

- This 13W BR30 LED Lamp saves 52 watts of energy when compared to a 65W incandescent BR30†
- 25,000-hour rated average life¹
- Excellent color rendering of 82 CRI
- Smooth dimming to 10% of full light levels*
- Instant-on light
- Emits virtually no UV/IR light in the beam
- Contains no mercury

Easy to experience

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



PHILIPS

Philips BR Dimmable LED Lamps with AirFlux Technology

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

Product Number	Model Number	Ordering Code	Nom. Watts	Volts	Description	Lamp Type	Base	Rated Avg. Life (Hrs.) ¹	Approx. Lumens ²	CRI	Color Temp. (Kelvin)	MOL (In.)
Standard Halogen R20 50W ENERGY STAR® Equivalent³												
42881-3	9290002192	8R20/END/F25 2700 DIM 6/I	8	120V	Dimmable R20 LED Flood 25°	R20	Medium	25,000	530	80	2700	3.5
Standard Halogen BR30 65W ENERGY STAR® Equivalent³												
42055-4	929000217	13BR30/END/F90 2700 DIM SM 6/I	13	120V	Dimmable BR30 LED Flood 90°	BR30	Medium	25,000	730	82	2700	5.1
Standard Halogen BR40 65W ENERGY STAR® Equivalent³												
42056-2	929000219	14BR40/END/S90 2700 DIM SM 6/I	14	120V	Dimmable BR40 LED Flood 90°	BR40	Medium	25,000	800	82	2700	6.5

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.)
42881-3	42881-5	42881-0	6	1.30	0.176	1200	150	8	2.5 x 2.5 x 3.6	9.8 x 7.2 x 4.3	47.2 x 39.4 x 40.2
42055-4	42055-0	42055-5	6	6.24	0.159	300	60	5	4.1 x 4.1 x 5.7	14.7 x 10.4 x 6.4	47.2 x 37.4 x 37.5
42056-2	42056-7	42056-2	6	7.52	0.223	240	60	4	5.1 x 5.1 x 7.3	15.9 x 10.8 x 8.0	47.2 x 37.4 x 37.6

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

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

■ This lamp is ENERGY STAR® Qualified.

3) All Philips LED BR 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, Pg 11.

Footnotes from front:

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

* Dimmable when using leading edge dimmers. (See <http://www.philips.com/ledtechguide> for compatible leading edge dimmers.

† In compliance with current ENERGY STAR requirements, light output of the 13W BR30 LED at 730 lumens compares to the 65W standard incandescent BR30 at 635 lumens.

Energy Efficiency

Estimated Lighting Costs Using a Standard 65W BR30 Incandescent		
Present Wattage		65 W
x Annual Operating Hours		3,000 hrs
	=	195,000 watt-hours
+1,000	=	195 kWh per year
x kWh rate of \$0.11	=	\$21.45 per year
x 100 lamps per space	=	\$ 2145 annual energy cost per space
Estimated Lighting Costs Using a Philips 13W Dimmable LED Lamps		
Present Wattage		13 W
x Annual Operating Hours		3,000 hrs
	=	39,000 watt-hours
+1,000	=	39 kWh per year
x kWh rate of \$0.11	=	\$4.29 per year
x 100 lamps per space	=	\$429 annual energy cost per space
Total Estimated Annual Savings[‡]	=	\$1716

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

WARNINGS AND CAUTIONS

- Suitable for use in damp locations.
- Do not use in outdoor fixtures.
- 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.



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This energy saving example shows an application of 100 lamps in a space currently using 100 incandescent 65W BR30 lamps 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 standard incandescent 65W BR30 lamps with Philips 13W BR30 LED lamps can provide significant energy cost savings of \$1716 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 13W Dimmable BR30 LED Lamp with AirFlux Technology at 730 lumens compares to a standard 65W incandescent BR30 at 635 lumens.