



Philips DimTone BR30
Dimmable LED Lamps
with AirFlux Technology

*Ideal for downlighting and
track in hotels, restaurants,
and residential buildings.*

LED



Dimmable to warm light for the perfect ambience

Philips DimTone BR30 Dimmable LED Lamps with AirFlux

Technology provide a soft, diffused level of light. Smooth dimming from 2700K to 2200K creates a warm inviting atmosphere, and the sleek, lightweight design is ideal for downlighting and track.

High efficacy LED lamp

- Transition from 2700K to 2200K with dimming
- Smooth dimming to 10% of full light levels*
- 13W BR30 LED saves 80% in energy when compared to a 65W halogen BR30†
- Excellent color rendering of 83 CRI
- 25,000-hour rated average life‡

Easy to experience

- Flexibility to create the right light level and ambience
- Integrate seamlessly into recessed luminaires
- Uniform light distribution with greater visual comfort
- Longer useful service life—reduced maintenance cost
- 3-year or 5-year limited warranty depending upon operating hours

PHILIPS

(1, *, † See back page for footnotes)

Philips DimTone BR30 Dimmable LED Lamps with AirFlux Technology

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

Product 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 BR30 65W ENERGY STAR® Equivalent ³											
42644-5	13BR30/END/F90 22K-27K DIM 6/I	13	120V	Philips LED DimTone Dimmable BR30 Flood 90°	BR30	Medium	25,000	730	83	2700	5.1

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.)
42644-5	42644-6	42644-1	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

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.

3) All Philips LED BR equivalencies for light output are based upon the ENERGY STAR (R) 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 and trailing edge dimmers. (See <http://www.philips.com/ledtechguide> for compatible leading edge dimmers.)

† Light output of the 13W Dimmable BR30 LED Lamp with AirFlux Technology at 730 lumens compares to a standard 65W halogen BR30 at 635 lumens.

Energy Efficiency

Estimated Lighting Costs Using a Standard 65W BR30 Halogen			
Present Wattage		65	W
x Annual Operating Hours		4,000	hrs
	=	260,000	watt-hours
÷ 1,000	=	260	kWh per year
x kWh rate of \$0.11	=	\$28.60	per year
x 100 lamps per space	=	\$ 2860	annual energy cost per space
Estimated Lighting Costs Using a Philips 13W Dimmable LED Lamps			
Present Wattage		13	W
x Annual Operating Hours		4,000	hrs
	=	52,000	watt-hours
÷ 1,000	=	52	kWh per year
x kWh rate of \$0.11	=	\$5.72	per year
x 100 lamps per space	=	\$572	annual energy cost per space
Total Estimated Annual Savings⁰	=	\$2,288	

⁰ Based on 100 lamps per space operating at 4,000 hours per year.

This energy saving example shows an application of 100 lamps in a space currently using 100 halogen 65W BR30 lamps operating 4,000 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 halogen 65W BR30 lamps with Philips 13W BR30 LED lamps can provide significant energy cost savings of \$2,288 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 halogen BR30 at 635 lumens.

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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