

Philips 6" Downlight  
Dimmable LED Lamp

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

LED



## A smooth design solution for a seamless look

**Philips 6" Downlight Dimmable LED Lamp** provides 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 LED Dimmable Downlight saves 60 watts of energy when compared to a 75W halogen BR40<sup>†</sup>
- 45,000-hour rated average life<sup>‡</sup>
- Excellent color rendering of 82 CRI
- Smooth dimming to 5% of full light levels<sup>\*</sup>
- 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 from purchaser's date of purchase

(1, \*, † See back page for footnotes)

# PHILIPS

# Philips 6" Downlight Dimmable LED Lamp

## 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.) <sup>1</sup>	Approx. Lumens <sup>2</sup>	CRI	Color Temp. (Kelvin)	MOL (In.)
42351-7	9290002078	15DL6/END/F90 2700 DIM 6/1	15	120V	6" Downlight Dimmable LED	DL	Medium	45,000	800	82	2700	6.9

## 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.)
42056-2	42056-7	42056-2	2	6.5	0.3	66	22	11	10.2 x 6.1 x 9.7	13.8 x 10.6 x 10.3	47.2 x 39.3 x 39.3

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.

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 LED Dimmable Downlight at 800 lumens compares to the 75W standard halogen BR40 at 750 lumens.

## Energy Efficiency

Estimated Lighting Costs Using a Standard 75W BR40 Halogen			
Present Wattage		75	W
x Annual Operating Hours		4,000	hrs
	=	300,000	watt-hours
+ 1,000	=	300	kWh per year
x kWh rate of \$0.11	=	\$33.00	per year
x 100 lamps per space	=	\$ 3300	annual energy cost per space
Estimated Lighting Costs Using a Philips 15W Dimmable LED Downlight			
Present Wattage		15	W
x Annual Operating Hours		4,000	hrs
	=	60,000	watt-hours
+ 1,000	=	60	kWh per year
x kWh rate of \$0.11	=	\$6.60	per year
x 100 lamps per space	=	\$660	annual energy cost per space
<b>Total Estimated Annual Savings<sup>‡</sup></b>	<b>=</b>	<b>\$2640</b>	

‡ Based on 100 lamps per space operating at 4,000 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 halogen 75W BR40 lamps operating 4,000 hours per year at a cost of \$0.11 per kWh.<sup>†</sup> Your actual savings may vary depending on the energy costs in your geographic location.

Replacing 100 standard incandescent 75W BR40 lamps with Philips 15W LED Downlight can provide significant energy cost savings of \$2,640 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 15W Dimmable LED Downlight at 800 lumens compares to a standard 75W halogen BR40 at 750 lumens