



Philips EnduraLED™ R20  
Dimmable Indoor Flood  
LED Lamp

*Ideal for general lighting  
in retail, hospitality, and  
residential spaces*

EnduraLED™

## Highlight with dimmable LED retrofit downlighting

Philips EnduraLED™ R20 Dimmable Indoor Flood LED Lamps bring innovation to familiar applications and deliver excellent dimming performance.

### High efficacy LED narrow flood light

- Dims to 10% of full light levels\* with excellent beam control
- Instant-on light
- Emits virtually no UV/IR light in the beam
- 45,000 hour rated average life<sup>1,2</sup>
- Projects a 22° beam angle
- Saves 34 watts of energy when compared to a 40W halogen R20\*\*
- Contains no mercury

### Easy to experience

- Lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- 3-year warranty period

(1, 2, \*, \*\* See back page for footnotes)

**PHILIPS**  
sense and simplicity

# Philips EnduraLED™ R20 Dimmable Indoor Flood LED Lamp

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

Product Number	Ordering Code	Nom. Watts	Volts	Lamps per SKU	Description	Bulb Type	Base	Rated Avg. Life (Hrs.) <sup>1,2</sup>	Approx. Lumens <sup>3</sup>	Approx. MBCP <sup>3,4</sup>	CRI	Color Temp. (Kelvin)	MOL (In.)
40826-0	6R20/END/F22 2700 DIM 6/I	6	120	1	120V EnduraLED Dimmable R20 22D	R20	Med.	45,000	200	900	81	2700	3.8
40820-3	6R20/END/F22 3000 DIM 6/I	6	120	1	120V EnduraLED Dimmable R20 22D	R20	Med.	45,000	210	900	83	3000	3.8

## 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.)
40826-0	40826-8	40796-9	6	3.2	0.196	1050	150	7	2.6 x 2.6 x 4.1	7.2 x 9.8 x 4.8	43.1 x 49.1 x 33.7
40820-3	40820-6	40797-6	6	3.2	0.196	1050	150	7	2.6 x 2.6 x 4.1	7.2 x 9.8 x 4.8	43.1 x 49.1 x 33.7

1) 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.

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

3) Photometric testing consistent with IES LM-79.

4) Maximum Beam Candlepower:

\* Designed for "Leading Edge" TRIAC dimming systems

\*\* 7W EnduraLED R20 compared to a 40W halogen R20. Light output of the 7W EnduraLED R20 at 500 candela compares to the 40W halogen R20 at 450 candela.

## Energy Efficiency

Estimated Lighting Costs Using a 40W Halogen R20	
Present Wattage	40 W
x Annual Operating Hours	3,000 hrs
=	120,000 watts per year
+ 1,000	= 120 kWh per year
x kWh rate of \$0.10	= \$12 per year
x 100 lamps per space	= \$1200 annual energy cost per space

Estimated Lighting Costs Using a Philips 7W EnduraLED R20 Lamp	
Present Wattage	7 W
x Annual Operating Hours	3,000 hrs
=	21,000 watts per year
+ 1,000	= 21 kWh per year
x kWh rate of \$0.10	= \$2 per year
x 100 lamps per space	= \$210 annual energy cost per space

<b>Total Estimated Annual Savings<sup>o</sup></b>	<b>= \$990</b>
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<sup>o</sup> Based on 100 lamps per space operating at 3,000 hours per year.

This energy saving example shows an application of 100 lamps in a space currently using a 40W halogen R20, operating 3,000 hours per year at a cost of \$0.10 per kWh.<sup>†</sup> Your actual savings may vary depending on the energy costs in your geographic location.

Replacing 100 40W halogen R20 lamps with the Philips 7W EnduraLED R20 can provide significant energy cost savings of \$990 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.

<sup>†</sup> Light output of the 7W EnduraLED R20 at 500 candela compares to the 40W halogen R20 at 450 candela.

### WARNINGS AND CAUTIONS

- Suitable for use in open luminaires (fixtures).
- Do not use in outdoor fixtures.
- Do not use in enclosed fixtures.
- Turn off power before changing lamp.

**CAUTION:** Risk of electric shock. Use in dry location only.

**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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