

PHILIPS

LED

AR111 family



reddot design award

Beautiful light in the perfect package

The Philips LED AR111 delivers the high quality light in a perfect-fit size while providing incredible energy savings. The lamp is an ideal retrofit solution for spot and general lighting applications in the hospitality and retail industry. The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers, and the no UV or IR in the beam makes it suitable for illuminating heat-sensitive objects such as food, organic materials, paintings, etc.

Benefits

- Saves 80% energy when compared to a 75W halogen AR111†
- Long life lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- Contains no mercury
- CRI 90 portfolio

Features

- Excellent compatibility with most traditional halogen transformers
- “Perfect fit” mechanical design fits AR111 fixtures
- Anti-glare optical bridge to increase visual comfort
- Best-in-class flux, intensity and beam quality

† Light output comparison based upon the ENERGY STAR® Integral LED Lamp Center Beam Intensity Benchmark tool which can be found at EnergyStar.gov/LEDbulbs.

AR111 Philips LED lamp

Ordering, electrical and technical data continued (subject to change without notice)

| Product Number | 12NC | Description | Nom. Watts | Repl. Watts | Lumens | Volts | CRI | LED Lifetime ^{1,2} | CCT | MC/CP ³ | Base | Dimmable |
|----------------|--------------|---------------------------------------|------------|-------------|--------|-------|-----|-----------------------------|------|--------------------|------|----------|
| 552448 | 929002238404 | 12AR111/LED/927/S8/DIM/EC 12V 6/1FB | 12 | 50 | 650 | 12 | 90 | 40,000 | 2700 | xx | G53 | Yes |
| 552406 | 929002238504 | 12AR111/LED/930/S8/DIM/EC 12V 6/1FB | 12 | 50 | 680 | 12 | 90 | 40,000 | 3000 | xx | G53 | Yes |
| 552414 | 929002239004 | 16AR111/LED/927/F25/DIM/EC 12V FB 6/1 | 16 | 75 | 900 | 12 | 90 | 40,000 | 2700 | xx | G53 | Yes |
| 552422 | 929002239104 | 16AR111/LED/930/F25/DIM/EC 12V 6/1FB | 16 | 75 | 900 | 12 | 90 | 40,000 | 3000 | xx | G53 | Yes |
| 552430 | 929002239304 | 16AR111/LED/927/F40/DIM/EC 12V 6/1FB | 16 | 75 | 900 | 12 | 90 | 40,000 | 2700 | xx | G53 | Yes |
| 552372 | 929002239604 | 20AR111/LED/930/F15 DIM 12V 6/1FB | 20 | 100 | 1200 | 12 | 90 | 25,000 | 3000 | xx | G53 | Yes |
| 552380 | 929002239804 | 20AR111/LED/927/F25 DIM 12V 6/1FB | 20 | 100 | 1150 | 12 | 90 | 25,000 | 2700 | xx | G53 | Yes |
| 552398 | 929002239904 | 20AR111/LED/930/F25 DIM 12V 6/1FB | 20 | 100 | 1200 | 12 | 90 | 25,000 | 3000 | xx | G53 | Yes |

1. Lamps rated 15,000 hours is in an enclosed fixture. Life rating is 25,000 in an unenclosed. Warranty is based off of 15,000 hour claim.
2. Lamps rated at 25,000 hours is for an unenclosed fixture. Life rating is 15,000 hours for enclosed. Warranty is based off of 25,000 hour claim.
3. MC/CP = MasterClass or CorePro product.



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