

8-Inch Round LED Downlight, 18W 5CCT Selectable, Wet Location Rated

OVERVIEW

The A-E8-R18-5CCT is an 8-inch round slim LED downlight designed for new construction installations in commercial and residential applications. Edge-lit and ultra-slim at 0.43 inches thick, it requires no existing recessed housing or junction box, mounting directly into a drywall opening with a J-box installed in the ceiling beam. Wet location rated, it is suitable for bathrooms, laundry rooms, covered porches, and garage work areas.

The fixture operates at 120V/60Hz, draws 18W, and delivers up to 1,504 lumens depending on the selected color temperature. Five CCT settings — 2700K, 3000K, 3500K, 4000K, and 5000K — are field-selectable via a switch on the unit. CRI exceeds 90, beam angle is 120°, and the rated lifespan is 50,000 hours. Triac dimming is supported from 100% down to 10%, with no flicker. IC-rated construction allows direct contact with insulation. Operating temperature range is -4°F to 113°F.

The fixture is ETL Listed and ENERGY STAR qualified. It carries a 5-year limited warranty.

SPECIFICATIONS

Power	18 W	IP rating	IP63
Luminous flux	1488 lm	Input voltage	120 V
CCT	2700/3000/3500/4000/5000 K	Rated life	50000 h
CRI	90	Warranty	5 y
Beam angle	120 °	Operating temp	-20 to 45 °C

INSTALLATION

VOLTAGE	120V	No existing recessed housing or junction box required. Suitable for most new construction. Install in ceiling beam, and insert light into drywall opening.
POWER FREQUENCY	60Hz	
POWER FACTOR	>0.9	
CCT	2700K-5000K	
CR	>90	
BEAM ANGLE	120°	
INSTALL	ALPS	
LIFESPAN	50000 hours	
OPERATING TEMP	-4°F to 113°F (-20°C to 45°C)	
SPRINKLE	Wet Location	
WARRANTY	5 year limited	

DIMMING	Compatible with most triac dimmers to give user a smooth 100%-10% dimming to create the desired brightness. Please check the recommended dimmer list in next page.
ELECTRICAL	The fixture is built with the highest quality 120V drivers, ensuring energy efficiency.
ENERGY SAVINGS	80% more energy savings than halogen lamps.
LISTING	ETL Listed, Energy Star.

CERTIFICATIONS & COMPLIANCE



ETL Listed



ENERGY STAR
Energy Star