

4-Inch Square LED Downlight, 9W 3000K 800lm, Triac Dimmable, IC Rated

- Delivers 800 lumens at 9W for an efficacy near 89 lm/W
 - 3000K color temperature with CRI greater than 80
 - 120-degree beam angle for broad, even light distribution
- Triac dimmable for compatible dimming control systems
 - IC rated for direct contact with ceiling insulation
 - 4.125-inch cutout with 4.75-inch overall diameter

OVERVIEW

The A-E4-S9-30K-6PK is a 4-inch square LED downlight for commercial and residential interior lighting applications. It mounts into a 4.125-inch cutout with a 4.75-inch overall diameter, suiting retrofit and new construction ceiling installations.

The fixture operates at 9W on 100-130VAC input, delivering 800 lumens at 3000K with a CRI above 80 and a 120-degree beam angle. It is Triac dimmable and rated for a 50,000-hour LED lifetime, with a power factor above 90. The IC rating permits direct contact with insulation. This SKU is packaged in a 6-unit pack.

SPECIFICATIONS

OPTICAL		ELECTRICAL	
Luminous Flux	800 lm	Operating Voltage	100-130 V
Efficacy	88.9 lm/W	Wattage	9 W
Color Temperature	3,000 K	Dimmer Type	Triac
CRI	80		
Beam Angle	120°		
LED Lifetime	50,000 h		
MECHANICAL			
Product Dimensions	4.75 in diameter, 4.125 in cutout		
Mounting	IC Rated		

APPLICATIONS

- Residential ceiling downlighting
- Commercial office and retail interiors
- Hospitality common areas
- Insulated ceiling retrofits

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	800 lm	pdf	high
efficacy_lm_per_w	88.9 lm/W	pdf	medium
cct_k	3,000 K	pdf	high
cri	80	pdf	medium
beam_angle_deg	120°	pdf	high
led_lifetime_h	50,000 h	pdf	high
operating_voltage	100-130 V	pdf	high
wattage	9 W	pdf	high
dimmer_type	Triac	pdf	high
product_dimensions	4.75 in diameter, 4.125 in cutout	pdf	high
mount_type	IC Rated	pdf	high

Specifications subject to change without notice.