



Trimless Square Adjustable Downlight 7W 3000K Matt Black Reflector IP20

- 7W output at 110V input with Triac dimming compatibility
- 3000K CCT with CRI greater than 90 for color-accurate light
- 55° beam angle suited to accent and directional lighting
- Bridgelux LED source paired with an ETL-certified driver
- IP20 rated, non-waterproof, for dry indoor installations
- 77×77×77mm housing fits a 55×55mm ceiling cutout

OVERVIEW

The A-AD7-S3-3K-BK is a trimless square adjustable downlight designed for recessed ceiling installations in commercial and residential interior applications. Its adjustable aim makes it suitable for accent and directional lighting in retail, hospitality, and office environments where a clean, flush ceiling appearance is required.

The fixture operates at 7W with a 3000K warm white CCT, a CRI greater than 90, and a 55° beam angle. It uses a Bridgelux LED source and is paired with a Triac dimmable driver. The unit carries an IP20 rating, suitable for dry indoor locations. The matt black reflector finish provides contrast and glare control, while the trimless format integrates into a 55×55mm ceiling cutout within a 77×77×77mm housing.

The driver holds an ETL certificate.

SPECIFICATIONS

OPTICAL

Color Temperature	3,000 K
CRI	90
Beam Angle	55°
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	77*77mm
Finish	BLACK
Material	Die-casting heatsink

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	110 V
Wattage	7 W
Dimmer Type	Triac
Driver	ETL

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-20°C to +40°C

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CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

APPLICATIONS

- Recessed ceiling accent lighting
- Retail display and shelf lighting
- Hospitality interior lighting
- Office ceiling lighting
- Residential trimless downlight installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	3,000 K	db	high
cri	90	db	high
beam_angle_deg	55°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	110 V	db	high
wattage	7 W	db	high
dimmer_type	Triac	db	high
driver	ETL	db	high
product_dimensions	77*77mm	db	high
finish	BLACK	db	high
material	Die - casting heatsink	db	high
ip_rating	IP20	db	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	ÄË†â€™20C to + 40C	db	low
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.