



6-Inch Square Anti-Glare Recessed Downlight, 10-20 W Selectable, 5CCT Tunable, 1600 lm, ETL

- Field-selectable 10 W, 15 W or 20 W input delivering up to 1600 lm
- Five-position CCT tuning from 2700 K through 5000 K
- COB LED array with CRI above 90 and 36-degree beam angle
- Die cast aluminum alloy body, 172 × 172 × 83 mm, white finish
- Triac dimming from 5 to 100 percent, power factor above 0.9
- IP44 rated for wet and damp locations, -20 to 40 degrees C

OVERVIEW

A 6-inch square deep anti-glare LED recessed downlight with an integral junction box and external isolated driver, intended for commercial and residential ceilings. Air tight and Type IC rated construction allows direct installation in insulated ceilings without a separate thermal housing, and the die cast aluminum alloy body handles heat dissipation.

Input power is field selectable at 10 W, 15 W or 20 W, producing 800 to 1600 lumens at 80 lm/W with a 36-degree beam. Correlated color temperature is switchable between 2700 K, 3000 K, 3500 K, 4000 K and 5000 K at CRI above 90. Triac dimming covers 5 to 100 percent, power factor exceeds 0.9, and rated life is 50,000 hours to 70 percent output. Operating range is -20 to 40 degrees C, IP44, suitable for wet and damp locations.

ETL listed under UL file number 5002722 and covered by a 5-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,600 lm
Efficacy	80 lm/W
Color Temperature	2,700K / 3,000K / 3,500K / 4,000K / 5,000K
Selectable CCT	Yes
CRI	90
Beam Angle	36°
LED Chip Type	COB
LED Lifetime	50,000 h
Light Color	Black

ELECTRICAL

Operating Voltage	100-277 V
Wattage	10 W
Power Factor	0.9
Dimmer Type	Triac
Driver	Isolated

MECHANICAL

Product Dimensions	172*172*83mm
Finish	White
Material	Die cast Aluminum Alloy
Mounting	Wall/Pole Mount
Weight	34.83 lb

COMPLIANCE

UL File Number	5002722
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ENVIRONMENTAL

IP Rating	IP44
Environmental Rating	Suitable for Wet/Damp Locations
Ambient Operating Temperature	- 20 °C - 4 °F

ORDERING

Warranty	5 y
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CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

UL

UL Listed
5002722

APPLICATIONS

- Retail sales floors and showrooms
- Hotel corridors and guest rooms
- Commercial office ceilings
- Residential kitchens and living spaces
- Insulated ceiling retrofits

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,600 lm	both	high
efficacy_lm_per_w	80 lm/W	db	high
cct_k	2,700K / 3,000K / 3,500K / 4,000K / 5,000K	both	high
cct_selectable	Yes	db	high
cri	90	db	high
beam_angle_deg	36°	both	high
led_chip_type	COB	db	high
led_lifetime_h	50,000 h	pdf	high
color	Black	db	high
operating_voltage	100–277 V	pdf	high
wattage	10 W	pdf	high
power_factor	0.9	db	high
dimmer_type	Triac	db	high
driver	Isolated	db	high
product_dimensions	172*172*83mm	pdf	high
finish	White	db	high
material	Die cast Aluminum Alloy	db	high
mount_type	Wall/Pole Mount	db	high
weight	34.83 lb	pdf	high
ip_rating	IP44	db	high
environmental_rating	Suitable for Wet/Damp Locations	db	high
ambient_temp_c	- 20 °C	db	high
ul_file_number	5002722	db	high
warranty_years	5 y	both	high

Specifications subject to change without notice.