

LED Recessed Square Downlight Adjustable Anti-Glare, Deep Recessed Ceiling Light 12W-24W, 160° Beam Square LED Downlight

Deep recessed square downlight with a 160° beam
CRI ≥ 90 , five wattages, three CCTs, and three finishes

Deliver soft, even ceiling illumination through a clean square frame and a deep recessed anti-glare optical chamber.

The wide 160° beam spreads light across living rooms, kitchens, offices and commercial interiors, while CRI ≥ 90 supports accurate, vivid color. Five power options from 12W to 36W and 3000K, 4000K or 6000K adapt to different room sizes and lighting needs. Choose white, black, or white with black inner trim.



12W-36W / 5 sizes / 3 finishes / 160° beam

DEEP ANTI-GLARE

160° WIDE BEAM

RECESSED CEILING

KEY PRODUCT DATA

POWER OPTIONS

12W-36W

Five wattage options

BEAM ANGLE

160°

Broad illumination

CCT OPTIONS

3000K-6000K

Warm / neutral / cool

ANTI-GLARE

25 mm

Deep recessed optic

FINISHES

3 OPTIONS

White / Black / Two-tone

COLOR RENDERING

CRI ≥ 90

True and vivid color

AVAILABLE CONFIGURATIONS

12W

Body 4.72 in / cutout 3.54 in

15W / 18W

Cutouts 4.72 / 5.51 in

24W / 36W

Cutouts 6.30 / 7.48 in

CCT / FINISH

3000K-6000K / 3 finishes

PRODUCT INFORMATION

Technical Specification

PRODUCT SPECIFICATIONS	
Feature	Details
Product Type	Square recessed LED downlight
Body Material	Aluminum
Installation Type	Recessed ceiling mount
Optical Design	Deep recessed anti-glare / 25 mm optical recess
Power Options	12W / 15W / 18W / 24W / 36W
Beam Angle	160°
CCT	3000K / 4000K / 6000K
CRI	≥90
Finish Options	White / Black / White with Black Inner Trim
Available Sizes	Five body and square cutout families
Recommended Use	Living room / kitchen / office / commercial spaces

SIZE GUIDE



Five wattage, body and cutout families.

ANTI-GLARE OPTIC

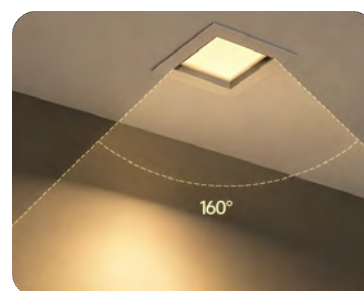


Deep 25 mm recess helps shield the light source from direct view.

PRODUCT NOTES

- Size matching: Each wattage has a corresponding body size and square ceiling cutout. Verify the selected model before ceiling work or ordering.
- Model verification: Input voltage, lumen output, dimming method, IP rating and electrical details were not supplied; confirm these values for the selected model before final specification.

WIDE BEAM



160° distribution supports broad general illumination.

RECESSED SQUARE ARCHITECTURAL DOWNLIGHT

Design and Installation

SOFT, EVEN & COMFORTABLE LIGHT

Deep recessed design reduces glare and creates a cozy atmosphere



NO GLARE

Deep recessed light source for visual comfort



HIGH CRI

CRI ≥ 90 for true and vivid colors



EASY INSTALL

Simple and secure installation



SOFT & FOCUSED LIGHT

COMFORT FOR YOUR EYES

Recessed design, anti-glare and deep light source for a more comfortable lighting experience.



No glare

Soft and even light



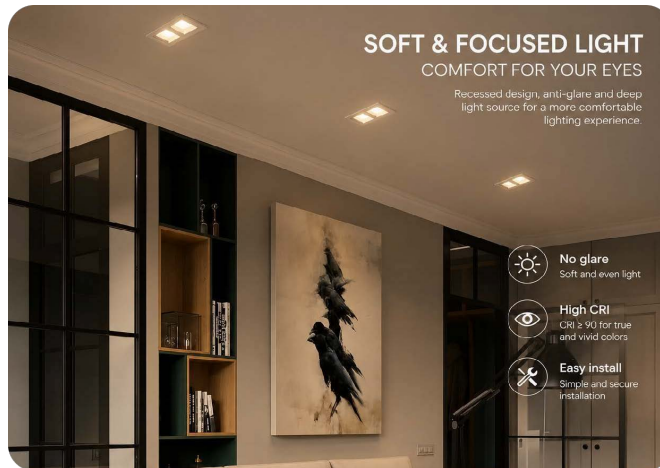
High CRI

CRI ≥ 90 for true and vivid colors



Easy install

Simple and secure installation



RECOMMENDED INSTALLATION SEQUENCE

1

Isolate the circuit and confirm the selected wattage, body size and required square cutout.

2

Mark and prepare the correct ceiling opening; verify cavity depth and clearances.

3

Complete the electrical connection following delivered fixture instructions; compress the spring clips.

4

Insert the body, restore power, then verify even anti-glare illumination and the 160° beam.



DESIGN GUIDANCE

- Anti-glare: The 25 mm recessed optic helps reduce direct view of the light source and visual discomfort.
- Beam: The 160° distribution supports soft, broad general illumination across residential and commercial rooms.
- Sizing: Match wattage, body dimensions and square cutout before ceiling rough-in or ordering.
- CCT: Select 3000K, 4000K or 6000K to suit the room function, materials and desired atmosphere.
- Finish: Choose white, black or white with black inner trim to coordinate with the ceiling and interior palette.
- Color quality: CRI ≥ 90 supports accurate, vivid color rendering.

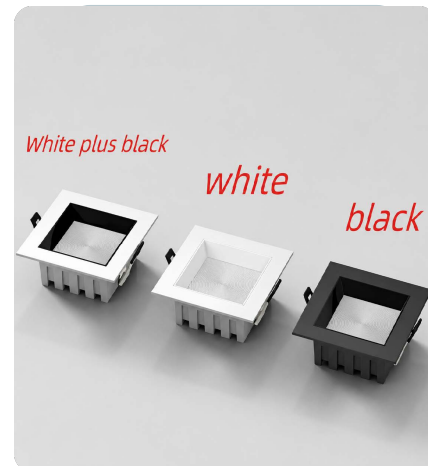
Verify the selected model, electrical requirements, cutout and supplied hardware before installation. Use a qualified installer and local electrical practices.

PROJECT SELECTION GUIDE

Specification and Selection

PRODUCT DESCRIPTION

The LED Recessed Square Downlight combines a slim flush ceiling appearance with a deep anti-glare optical chamber and wide 160° light distribution. Five power sizes from 12W to 36W provide body widths from 4.72 to 9.06 in with matching square cutouts. CRI ≥90 and 3000K, 4000K or 6000K options support comfortable general lighting with accurate color rendering. White, black and two-tone finishes coordinate with residential and commercial interiors.



PROJECT SELECTION GUIDE

PRODUCT	Square recessed LED downlight
MATERIAL	Aluminum
INSTALLATION	Recessed ceiling mount
OPTICAL DESIGN	Deep recessed anti-glare / 25 mm optical recess
BEAM ANGLE	160°
POWER OPTIONS	12W / 15W / 18W / 24W / 36W
CCT / CRI	3000K / 4000K / 6000K / CRI ≥90
FINISHES	White / Black / White with Black Inner Trim
12W	120 × 120 × 43 mm (4.72 × 4.72 × 1.69 in) Cutout 90 × 90 mm (3.54 × 3.54 in)
15W	150 × 150 × 45 mm (5.91 × 5.91 × 1.77 in) Cutout 120 × 120 mm (4.72 × 4.72 in)
18W	175 × 175 × 45 mm (6.89 × 6.89 × 1.77 in) Cutout 140 × 140 mm (5.51 × 5.51 in)
24W	197 × 197 × 50 mm (7.76 × 7.76 × 1.97 in) Cutout 160 × 160 mm (6.30 × 6.30 in)
36W	230 × 230 × 55 mm (9.06 × 9.06 × 2.17 in) Cutout 190 × 190 mm (7.48 × 7.48 in)
APPLICATION	Living room / kitchen / office / commercial spaces
MODEL VERIFICATION	Confirm input voltage, lumen output, dimming, IP rating and electrical details before final issue.

Verify the selected wattage and exact ceiling cutout before ordering or preparing the opening.