CA2-57-T

20 W | 5.75 in TRIMMED DOWNLIGHT

INSTALLATION GUIDE

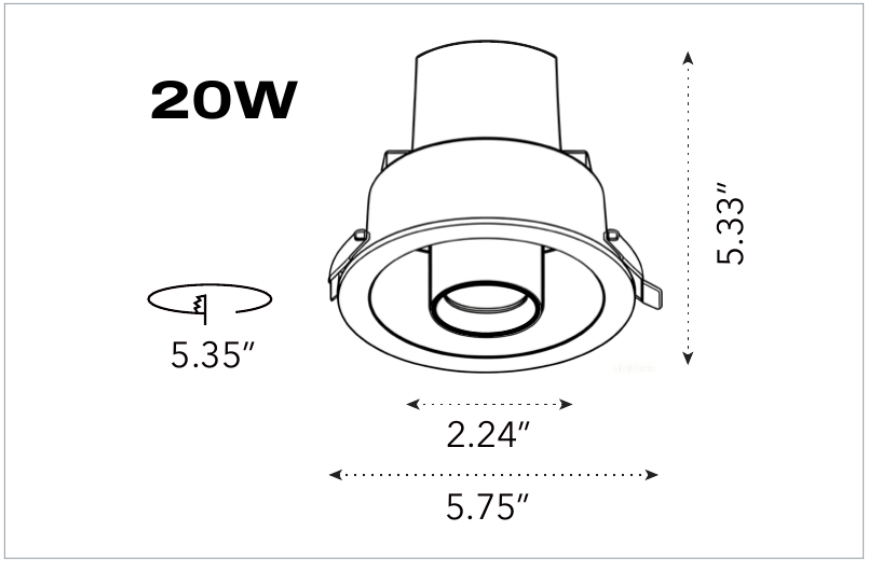
PRODUCT DATA / PRE-INSTALLATION

BINA COMPANY

SAFETY Qualified electrician only. Follow NEC and local codes. De-energize circuit before wiring. Ground fixture. Use driver label for line, neutral, ground and dimming connections.

INSULATION / PLENUM Cover with insulation only when full order code confirms IC. Install AT/CP enclosure and seals as supplied.

20 W ROUND TRIMMED CONFIGURATION



CA2 family drawing. CA2-57-T corresponds to the round, trimmed 20 W fixture.

CRITICAL DIMENSIONS

CEILING CUTOUT	TRIM OUTSIDE DIAMETER
Ø 5.35 in 136 mm	**5.75 in** 146 mm
FIXTURE HEIGHT	**INPUT VOLTAGE**
5.33 in 135 mm nominal	**120–277 V AC** 20 W

SELECT INSTALLATION METHOD BY FULL ORDER CODE

OPTION	METHOD	MOUNTING COMPONENTS / USE
NC	**New construction**	Frame-in tray + standard adjustable bar hangers; included with NC configuration.
Remodel	**Install from below**	No NC tray or hanger bars. Use the finished-ceiling opening and fixture retaining springs.

CUTOUT NOTE The ceiling opening is Ø 5.35 in (136 mm). The 5.75 in (146 mm) figure is the trim outside diameter; do not cut the ceiling to the trim size. Verify the opening against the approved template before cutting.

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NEW CONSTRUCTION

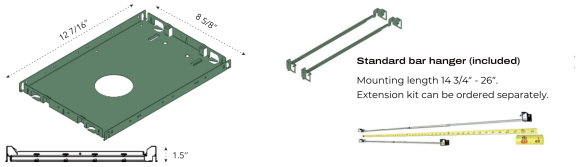
STANDARD NC TRAY / INSTALLATION SEQUENCE

For the **standard NC tray configuration**. Confirm order code and ceiling thickness. Drawings are schematic, not to scale.

TRAY 12 7/16 x 8 5/8 in; height 1 1/2 in | **HANGER SPAN** 14 3/4-26 in; extension kit sold separately

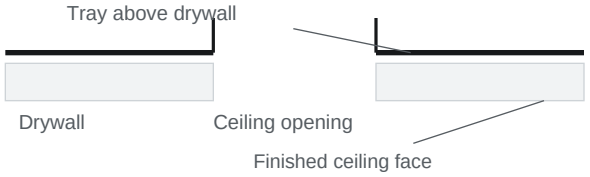
1 INSTALL THE MOUNTING TRAY

Attach supplied hanger bars to the tray. Adjust to the framing and secure the hanger ends to the structure. Level the tray and align its opening with the fixture center.



2 INSTALL THE DRYWALL

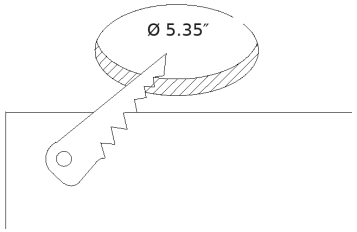
Set tray elevation to accommodate the planned drywall thickness; verify against the approved mounting detail. Install drywall below the tray and retain the opening center location.



Conceptual section; verify approved tray detail.

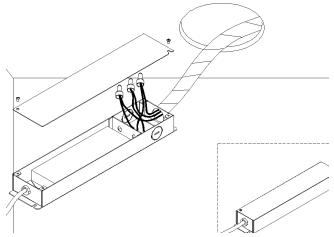
3 PREPARE THE CEILING OPENING

Verify the approved template. Cut a round **Ø 5.35 in (136 mm)** opening aligned with the tray. Finish the surrounding ceiling before installing the fixture.



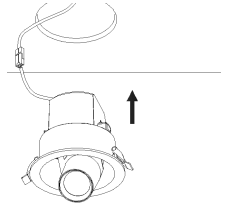
4 WIRE DRIVER / JUNCTION BOX

With power off, bring supply wiring through an approved connector. Connect supply, ground and applicable dimming wires per the driver label. Replace and secure the cover.



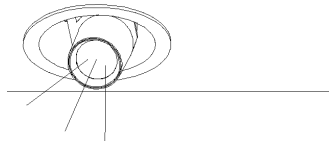
5 PLACE DRIVER / CONNECT FIXTURE

With power off, place the closed driver/junction box through the ceiling opening onto the mounting tray. Keep its output lead accessible below. Connect the fixture lead using the supplied connector.



6 SECURE FIXTURE AND TEST

Compress the retaining springs and raise the fixture through the opening. Release springs above the ceiling and guide the trim flush. Check that it is secure, then restore power and test.



IC / AIRTIGHT / CHICAGO PLENUM CONFIGURATIONS

Use the approved instructions for the ordered enclosure, including its wiring sequence, cable entries, covers and seals. The standard tray steps above do not cover enclosure installation. Insulation contact is permitted only when the full order code confirms IC.

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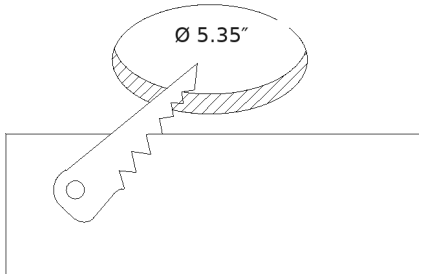
REMODEL INSTALLATION

EXISTING FINISHED CEILING / NO NC TRAY OR HANGER BARS

Confirm the ordered configuration permits installation from below. Check clearance above the ceiling before cutting. Drawings are schematic, not to scale.

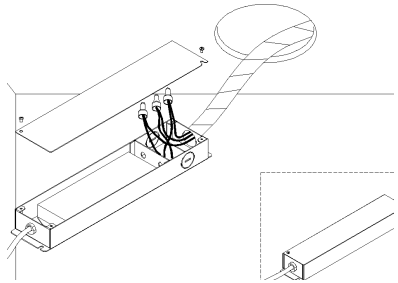
1 PREPARE CEILING OPENING

Check for framing, wiring, pipes and ducts. Mark the fixture center and verify the approved template. Cut a round **Ø 5.35 in (136 mm)** opening.



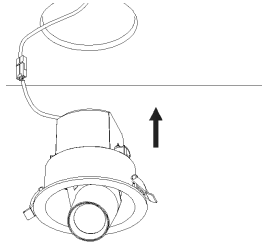
2 WIRE DRIVER / JUNCTION BOX

With power off, bring supply wiring through an approved connector. Connect supply, ground and applicable dimming wires per the driver label. Replace and secure the cover.



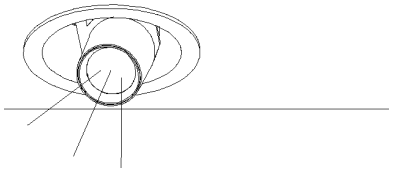
3 PLACE DRIVER / CONNECT FIXTURE

With power off, place the closed driver/junction box through the ceiling opening. Keep the output lead accessible below, then connect the fixture lead using the supplied connector. Keep the driver serviceable from below.



4 SECURE FIXTURE AND TEST

Compress the retaining springs and raise the fixture through the opening. Release springs above the ceiling and guide the trim flush. Check that it is secure, then restore power and test.



SERVICE ACCESS Keep the driver/junction box accessible through the fixture opening for future service.