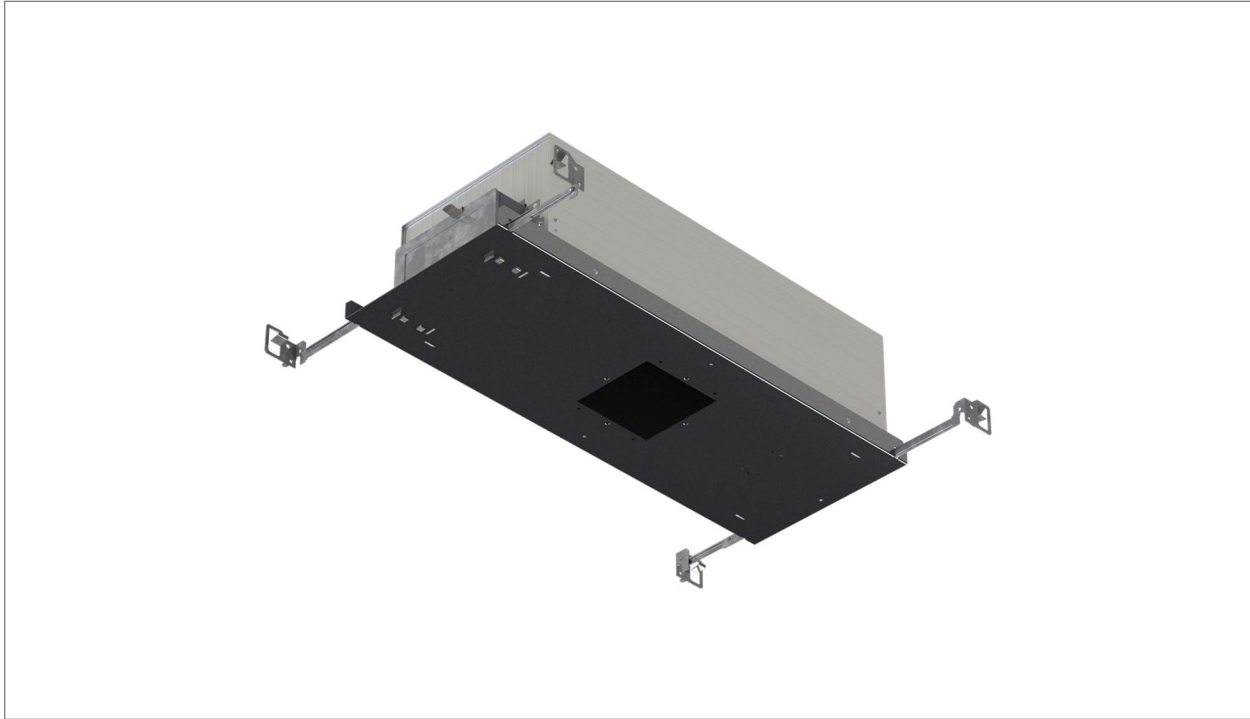# D4B-IC1A-S
Square Insulated Airtight Type 1 BRO

The D4B-IC1A-S series housing is designed for insulated and airtight ceilings. A black powder coated 20 Ga. cold rolled steel baseplate with a 18 Ga. galvanized steel junction box with multiple K.O. allows for easy wiring entry.Perfoming in accordance with ASTM E283-91, the airtight option also meets the requirements of "having no more than 2.0 CFM air movement from the conditioned space to the ceiling cavity" (Sec. 502.4 of 1991 WSEC- Washington State electrical code).

FEATURES

• Utilizes BRO series LED
• 40°C (104°F) operating temperature
• 14"–25" adjustable hanger bars
• 5 junction box knock outs

DETAILS

Aperture: 4"
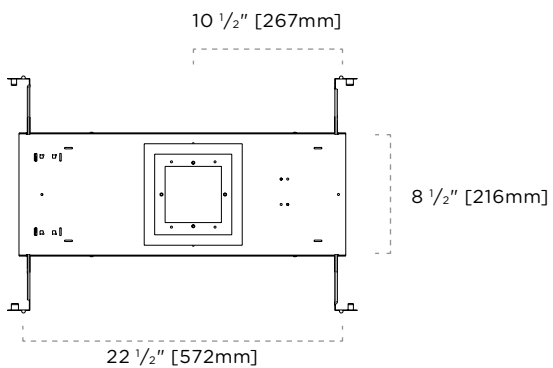Shape: Square
Ceiling: Insulated
Max. Lumen Output: 1800

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Housing Types

CEILING CUTOUT

Trim Type	Cutout Length		Cutout Width	
Trimmed				
Trimmed + Aperture Collar	3.875"	99mm	3.875"	99mm
Trimless				
Wood Trimless				

TRIMMED

10 $^1/_2$" [267mm]

8 $^1/_2$" [216mm]

22 $^1/_2$" [572mm]

5 $^7/_8$" [150mm]

TRIMMED + APERTURE COLLAR

10 $^1/_2$" [267mm]

8 $^1/_2$" [216mm]

22 $^1/_2$" [572mm]

5 $^7/_8$" [150mm]

$^9/_{16}$" [15mm]
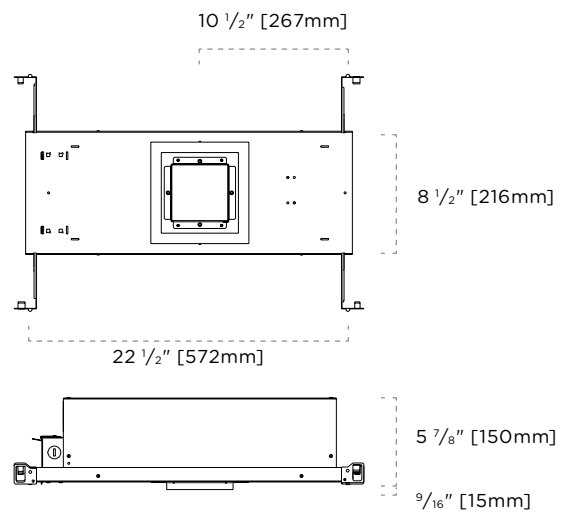
TRIMLESS
(Consult factory for various ceiling thicknesses)

10 $^1/_2$" [267mm]

8 $^1/_2$" [216mm]

22 $^1/_2$" [572mm]

5 $^7/_8$" [150mm]

$^5/_8$" [16mm]

WOOD TRIMLESS

10 $^1/_2$" [267mm]

8 $^1/_2$" [216mm]

22 $^1/_2$" [572mm]

5 $^7/_8$" [150mm]

$^1/_2$" [13mm] – 1 $^1/_4$" [32mm]

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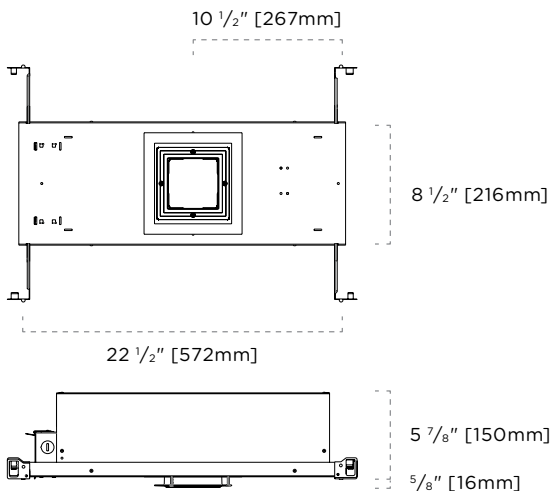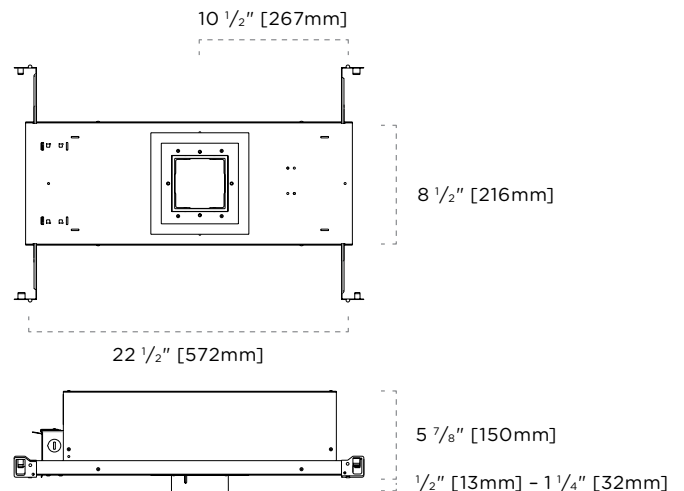
D4B-IC1A-S
Square Insulated Airtight Type 1 BRO

Project

Type

Notes

Product Code

| 1 | 2 | 3 | 4 | 5 | 6 |

1. Housing
D4B-IC1A-S

2. Flange Type [1]
T Trimmed
TL Trimless
TLW-XX Trimless Wood Ceiling [2, 3]

3. Series [1]
3 BRO 1000 Lumens Max
5 BRO 1800 Lumens Max

4. Dimming
D DALI (1%)
L Lutron 3-Wire (1%)
LE Lutron Phase (1%) [4]
LH Lutron EcoSystem (1%)
P 0–10V Dimming (10%)
P1 0–10V Dimming (1%)
S ELV Dimming (10%) [4]

5. Voltage
120
277
347 [5]

6. Options
BP Black Painted Interior
SCF Square Aperture Collar [6]
WP White Painted Interior

Notes

[1] Ensure trim compatibility prior to housing order. Conditions may apply.

[2] TLW-XX wood trimless flange type is matched to trim finish. XX refers to trim finish code and must be specified at time of order. See trim spec sheet for color availability.

[3] TLW-XX wood trimless ceiling thickness to be specified at time of order. Requires consultation with lightheaded sales personnel.

[4] S and LE dimming is only available in 120V.

[5] 347V is only available in P dimming.

[6] SCF option is not compatible with TLW-XX wood trimless ceiling.

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