

Introduction: PLQ, 5PLQ, PLQR

The PLQ/5PLQ architectural ceiling diffuser provides the building designer with the desired appearance and superior performance of a uniform radial discharge air pattern. A 360° horizontal pattern delivers even air throughout the space.

The 24"x24" PLQ/5PLQ has a square faceplate made of one-piece, nonfolded material with rounded corners to give the diffuser a clean appearance that is unobtrusive to ceiling systems. (Round faceplate available with model PLQR that provides an expanding square discharge air pattern.) The single faceplate gives the diffuser reduced pressure drops and a quiet sound profile and is held in place by hooks that lock into the backpan. The one-piece, stamped backpan provides smooth, consistent corners, exacting dimensions, and performance tolerances. The removable faceplate offers easy duct and damper access.

The 12"x12" PLQ and PLQR have the same construction as the 24"x24" panel size models.

MODELS

- PLQ - Square Plaque, Round Neck, Steel Construction
- 5PLQ - Square Plaque, Round Neck, Aluminum Construction
- PLQR - Round Plaque, Round Neck, Steel Construction

ACCESSORIES

- Dampers
- Straightening Grid

PANEL SIZES

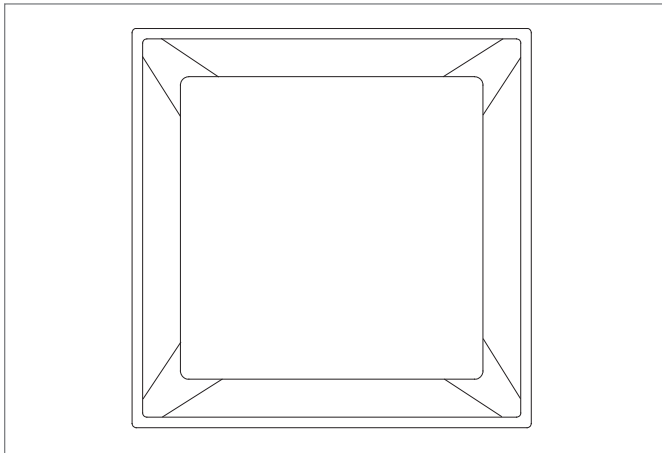
- 12"x12" (Plaque drops 1/4" below ceiling.)
- 24"x24" (Plaque drops 1/4" below ceiling.)

FINISHES

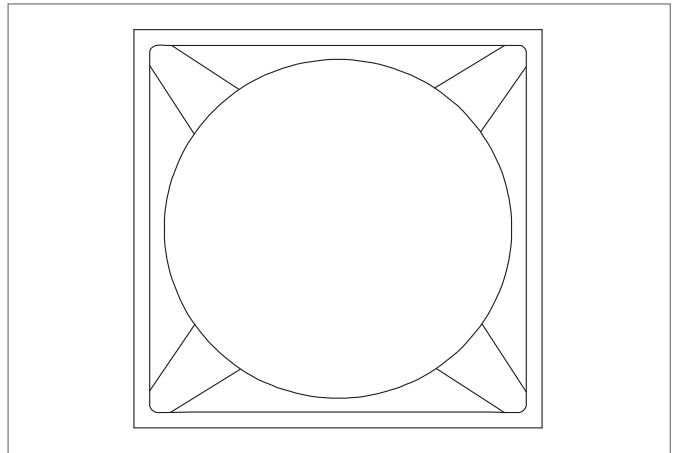
- Standard finish is #44 British White.
- Optional finishes available.

PLQ, 5PLQ, PLQR Dimensional Information

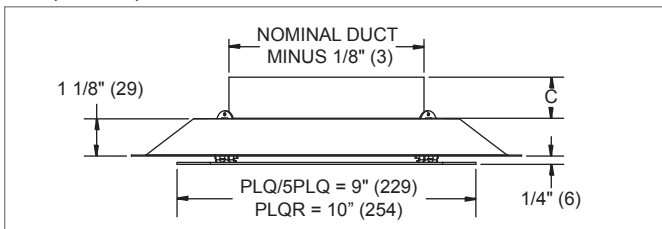
PLQ, 5PLQ, FACE VIEW



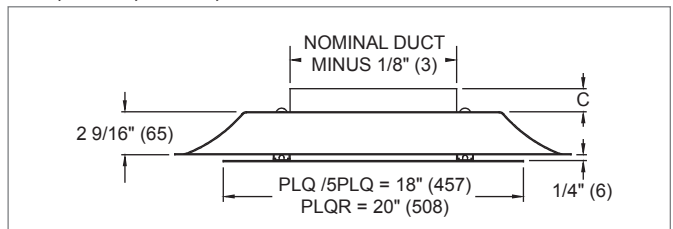
PLQR, FACE VIEW



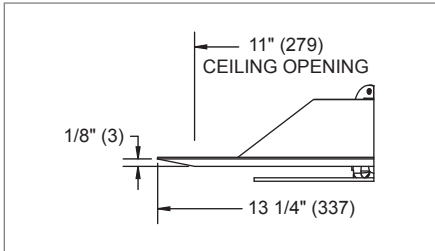
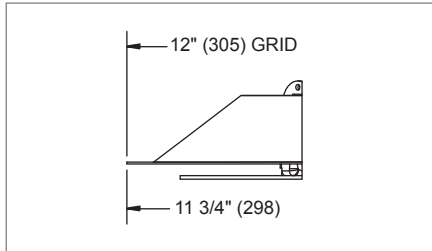
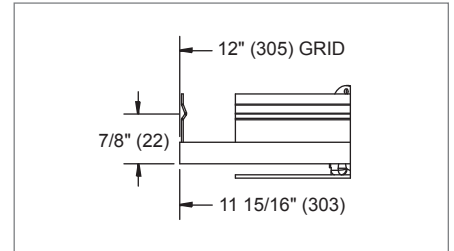
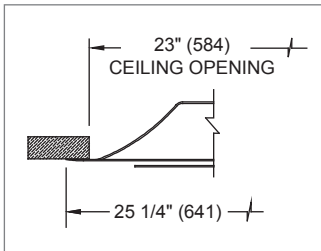
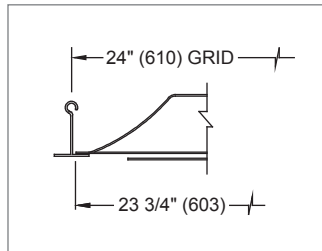
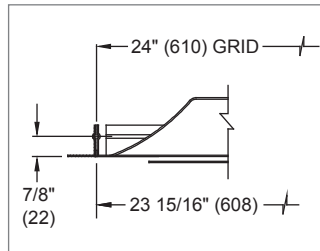
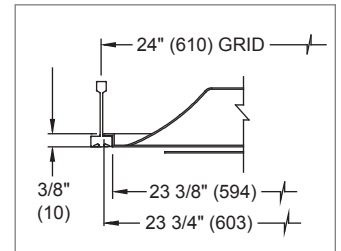
PLQ, PLQR, 12"x12" PANEL SIDE VIEW



PLQ, 5PLQ, PLQR, 24"x24" PANEL SIDE VIEW



NOTES: Dimensions in parentheses are mm. See tables on next page for value of 'C'.

PLQ, 5PLQ, PLQR Frame Styles
**PLQ, PLQR, 5PLQ
FRAME 22, 12"x12" PANEL
SURFACE MOUNT**

**PLQ, PLQR, 5PLQ
FRAME 23, 12"x12" PANEL
LAY-IN T-BAR**

**PLQ, PLQR
FRAME 24, 12"x12" PANEL
SNAP-IN T-BAR**

**PLQ, 5PLQ, PLQR,
FRAME 22, 24"x24"
PANEL, SURFACE MOUNT**

**PLQ, 5PLQ, PLQR,
FRAME 23, 24"x24"
PANEL, LAY-IN T-BAR**

**PLQ, PLQR,
FRAME 24, 24"x24"
PANEL, SNAP-IN T-BAR**

**PLQ, 5PLQ, PLQR,
FRAME 98, 24"x24"
PANEL, NARROW-T**

PLQ, 5PLQ, PLQR, AVAILABLE FRAMES

Frame Style	Panel Size	PLQ	5PLQ	PLQR
Frame 22	12" x 12"	x	x	x
	24" x 24"	x	x	x
Frame 23	12" x 12"	x	x	x
	24" x 24"	x	x	x
Frame 24	12" x 12"	x	-	x
	24" x 24"	x	-	x
Frame 98	12" x 12"	-	-	-
	24" x 24"	x	x	x

PLQ, 5PLQ, PLQR, AVAILABLE NECK SIZES

12" x 12" Panel	
Nominal Duct Size	C
6" (152)	1 1/8" (29)
7" (178)	1 1/8" (29)
8" (203)	1 1/4" (32)

See previous page, Side Views, for references to dimension 'C'.

24" x 24" Panel	
Nominal Duct Size	C
6" (152)	1 1/8" (29)
8" (203)	1 1/4" (32)
10" (254)	1 3/8" (35)
12" (305)	1 3/8" (35)
14" (356)	1 3/8" (35)
15" (381)	1 3/8" (35)

Dimensions in parentheses are mm. Dash indicates not available.

Reference charts, performance data, and engineering specifications are continued, beginning on page A1-16.

PLQ, 5PLQ, PLQR Directional Blow Tabs (DBT & 5DBT)
PLQ, 5PLQ, PLQR, 12"x12" & 24"x24" PANELS
