



Lineal Diffusers FL1 / Steel-Aluminium

DUCTS+GRILLES+DIFFUSERS+FILTERS+FITTINGS+LOUVERS+DAMPERS

Linear Diffuser, 1-Slot 1" designed for air supply, equipped with individually adjustable longitudinal blades that provide precise control of airflow direction. Its slim, low-profile design allows ventilation components to blend seamlessly into architectural spaces, providing a clean and discreet appearance.

1

Finishes

Baked electrostatic powder coating in Gloss White (standard), with other color options available.

2

Dimensions

Available in lengths from 12" to 48", with a 1" wide single slot.

3

Materials

Made entirely of Steel with an option in Aluminum

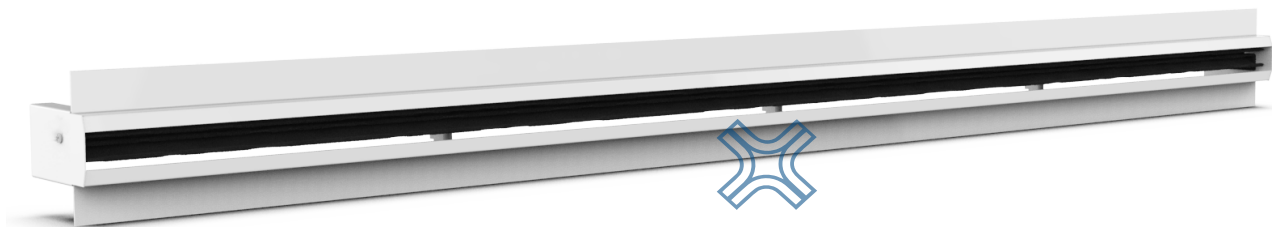
4

Applications

An excellent option for applications where aesthetics are a primary consideration, such as office buildings, restaurants, department stores, and more.

5

View



PACKAGING:

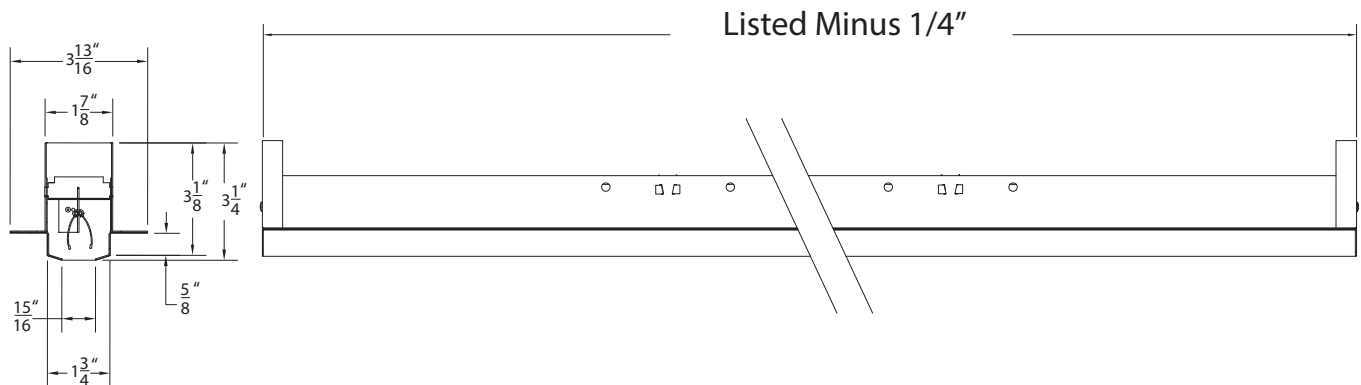
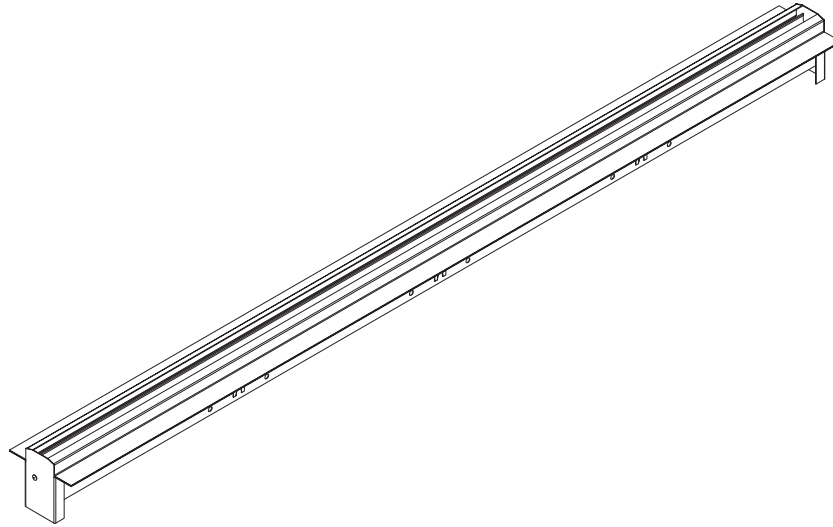
Airtight plastic individual packaging.



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6 View



SECTION B-B
SCALE 1/3



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8 Data

		Data Se			
		Flujo de Aire	Presión PS	Tiro Perpendicular	NC
		CFM/ft	"WG	ft	
1.0" Ancho de Ranura	1 Ranura	19	0.003	2 - 3 - 6	-
		79	0.054	8 - 12 - 19	19
		109	0.101	11 - 16 - 22	27
		139	0.164	14 - 18 - 25	33
		199	0.335	17 - 21 - 30	42

NOTAS: Los valores de tiro (throw) se proporcionan para velocidades terminales de 150, 100 y 50 FPM (0.75, 0.50 y 0.25 m/s).

Los valores NC se basan en niveles de potencia sonora en bandas de octava 2 a 7, menos una absorción del recinto de 10 dB, re 10-12 Watts.

Un guion (-) en el espacio indica un valor de NC o dB menor a 10.

Las cajas (plenums) incrementarán el nivel de sonido y la caída de presión. Mantenga las velocidades de entrada por debajo de 800 FPM para reducir el nivel de ruido generado en la caja y la caída de presión.

Valores de flujo de aire en metros cúbicos por minuto, valores de presión en pulgas de agua y valores de tiro en pies.



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8 Nomenclature

FL1 **A** **B** **012.00** **01**

PRODUCT MATERIAL PAINT COLOR LENGTH IN INCHES SLOTS

FL1 PRODUCT	A MATERIAL	B PAINT COLOR	012.00 LENGTH IN INCHES	01 SLOTS
FL1 HIGH-VOLUME LINEAR DIFFUSER 1-SLOT	A STEEL L ALUMINUM	B WHITE A NATURAL ALUMINUM N BLACK	3 WHOLE INCHES AND 2 DECIMALS	01

9 Accesories (Optional)



Distribution Drop Plenum Box

High-performance insulated distribution box is offered as an option for the linear diffuser for easy installation, manufactured from galvanized steel sheet.



Distribution Drop Plenum Box

6 or 4 – way distribution drop plenum box for industrial or commercial applications. Standard construction is from