



**Anemostat**  
**SUBMITTAL**  
 A MESTEK COMPANY

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 air@anemostat.com • www.anemostat.com

Model **PG-22-MRI**  
**PARAGON DIFFUSER**  
 1/8" PLAQUE DROP  
 SUPPLY / RETURN  
 NOMINAL 24 X 24

**DIFFUSERS**

**PRODUCT FEATURES**

- Unit manufactured entirely of aluminum materials
- Non-Removable inner plaque assembly
- Optional aluminum blankoff baffles, field installed

**CONSTRUCTION DETAILS**

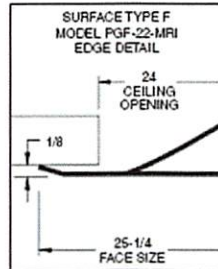
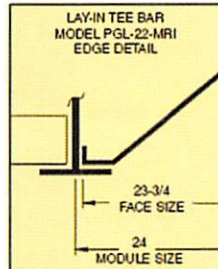
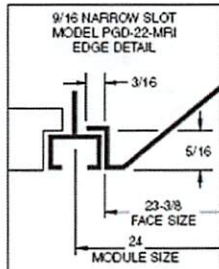
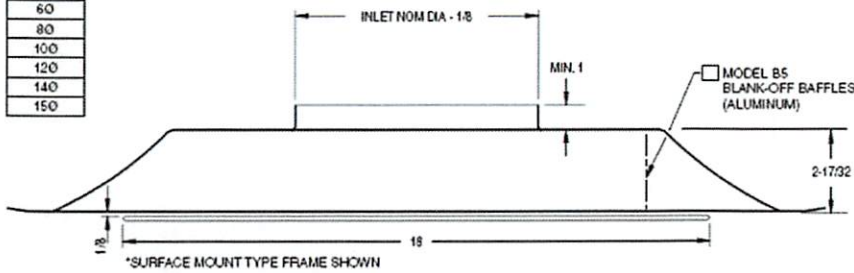
Material: Aluminum  
 Finish: White (std)  
 Custom Colors (cpt)

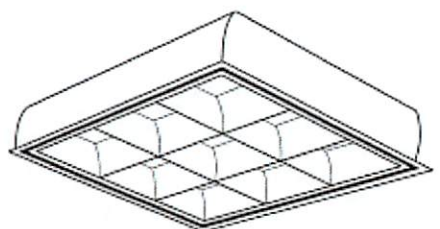
**MODELS**

- PGD-22-MRI 9/16" Narrow Slot
- PGL-22-MRI Lay-In T-Bar
- PGF-22-MRI Surface Mount

AVAILABLE INLET SIZES
40
50
60
80
100
120
140
150

← **REFERENCE DRAWING FOR INLET SIZE**





Also available with 3 lamps

**FEATURES**

- Nominal 3" deep louver
- Black reveal with full air handling capabilities
- Matte anodized low Iridescent, semi-specular (MA) louver finish virtually eliminates visibility of fingerprints and construction dust
- Shallow housing height
- Lightweight

**PROJECT INFORMATION**

Project Name \_\_\_\_\_

Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

**CONSTRUCTION**

Luminaire housing and end caps are die formed code gauge cold rolled steel. Louver is formed from DuraLouver® anodized aluminum and secured in open or closed position by die formed steel hinges. Louver hinges from either side. Mechanical light trap prevents light leaks. Latches are finger-tip actuated, positive feed type, fabricated of spring steel, and completely concealed in the black reveal.

**BALLASTS**

Energy efficient, thermally protected, automatic resetting, Class P, high power factor, sound rated A, magnetic or electronic ballasts. CEE NEMA Premium compliant.

**ELECTRICAL**

Standard class "P", thermally protected, autoresetting HPP ballast, sound rated A. CEE NEMA Premium compliant. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

**FINISH**

Parts are treated with a five stage phosphate bonding process and finished with a high temperature baked white enamel. For post painted housing, suffix catalog number with PAF. Regressed slots are flat black. Anodized aluminum DuraLouver standard finish is matte anodized low Iridescent (MA). Also available in low-Iridescent semi-specular natural anodized aluminum (LS) or low-Iridescent specular aluminum (LS).

**CEILING COMPATIBILITY**

Luminaire is available to fit exposed grid ceilings. For hard ceilings order accessory flange kit. Some options may increase fixture depth. For information on compatibility with specific ceilings, or where plenum depth is a problem, contact your Columbia representative. Four integral T-bar clips are standard. Two or four non-integral T-bar clips are available as an option.

**AIR HANDLING**

All supply/return and air extract functions are available as a specified option. Directional control vanes and/or extract damper features available. Air extract slots are located out of sight in end caps. See air removal data on reverse.

**CERTIFICATION**

All luminaires are built to UL 1598 standards and bear appropriate UL and cUL or CSA labels. Damp location labeling is standard. Emergency-equipped fixtures labeled UL 924.

**INSTALLATION**

An access plate is furnished with each luminaire for fast wiring access from the plenum. No need to open fixture. Product ships standard with mylar dust cover to eliminate job site contamination.

**ORDERING INFORMATION**

**EXAMPLE P4D22-217G-MA33-S-EU-**

<b>P4D</b>	<b>22</b>	<b>-</b>	<b>2</b>	<b>31U</b>	<b>G</b>	<b>-</b>	<b>MA</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>S</b>	<b>-</b>	<b>E</b>	<b>U</b>	<b>-</b>
<b>MODEL</b>	<b>NO. OF LAMPS</b>			<b>CEILING TYPE</b>			<b>NO. CELLS CROSSWISE</b>	<b>NO. CELLS LENGTHWISE</b>	<b>BALLAST</b>				<b>OPTIONS<sup>1</sup></b>		
P4D DuraLouver Parabolic	2 Two 4 Four			G Inverted T-bar For hard ceilings use flange kit/see accessories			2 Two 3 Three 4 Four	3 Three 4 Four	E Electronic T8, Instant Start 4E 4-Lamp Electronic T8, Instant Start ETT Electronic Twin Tube, Instant Start (Specify voltage) <small>For specific ballast vendor, show as option.</small>				GLR Fast Blow Fuse GMF Slow Blow Fuse EL Emergency Battery Pack C388 3-Wire Flex C488 4-Wire Flex TB Two Bulk T-Bar Clips TB4 Four Bulk T-Bar Clips MS9 Master/Satellite w/9' Harness PAF Paint After Fabrication NYC NYC Compliant NYCU NYC Compliant, Union Label		
	<b>SIZE</b>			<b>LAMP TYPE</b>			<b>LOUVER FINISH</b>	<b>AIR FUNCTIONS</b>			<b>VOLTAGE</b>		<b>ACCESSORIES</b>		
	22 2' x 2'			14 2' T8/14 Watt 17 2' T8/17 Watt 24 2' T8H/24 Watt 31U1 U-Bend, 19" Leg Spacing T8, 31 Watt 32U6 U-Bend, 6" Leg Spacing T8, 32 Watt 40TT Twin Tube Compact, 2611 Base, 40 Watt <small>*2-Lamp only.</small>			MA Matte Anodized Low Iridescent Semi-Specular Aluminum (Std.) LS Low Iridescent Specular Aluminum	S Static A Air Handling AV Air Handling w/Supply Vanes C Combination Supply/Extract CV Combination Supply/Vanes/Extract CD Combination Supply/Extract Dampers CVD Combination Supply/Vanes/Extract Dampers H Heat Extract			U 120V-277V 347 347V	FK22 2' x 2' Single Flange Kit FKCR Flange Kit Row Adapter Brackets			

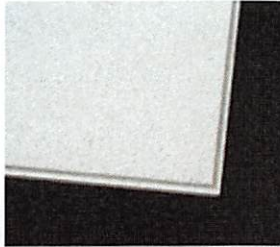
<sup>1</sup>EL or other options may increase fixture depth.  
<sup>2</sup>Not available with 4-lamp.  
 Protected by US Patent 6,582,098.  
 Specifications subject to change without notice.

**Cirrus Open Plan - Item #558**

[Back to product line](#)



- MINERAL FIBER**
- Cirrus
- Dune
- Fine Fissured
- Health Zone Ultima
- Mesa
- School Zone Fine Fissured
- Ultima
- Ultima with AirGuard Coating
- FIBERGLASS**
- Capz
- Optima
- TechZone
- BIOACOUSTIC**
- Tierra



[ENLARGE](#) [DOWNLOAD IMAGE](#)

Item # 558

- RESOURCES**
- DOWNLOADS:**
- Revit/BIM
- CAD Drawings
- Data Page
- Installation Instructions
- MSDS
- Warranty
- TOOLS:**
- [Calculate Required Product Volume](#)
- RECYCLED CONTENT**
- LEED CREDITS**

View all Mineral Fiber, Fiberglass, BioAcoustic

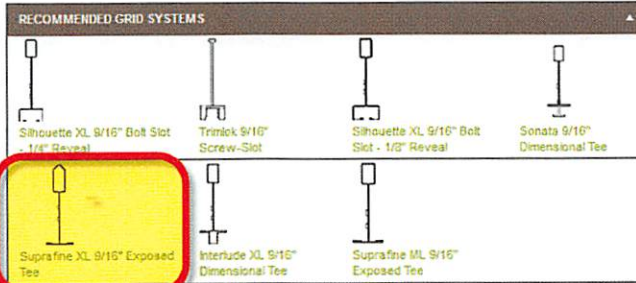
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VISUAL SELECTION	
<b>Dimensions:</b>	24 x 24 x 7/8 in
<b>Grid Face:</b>	9/16 in
<b>Edge Profile:</b>	Beveled Tegal <a href="#">Download dwg format</a>
<b>Available Colors:</b>	<input type="radio"/> White

PERFORMANCE SELECTION	
<b>Acoustics NRC:</b>	0.75
<b>Acoustics CAC:</b>	35
<b>Acoustics AC:</b>	170
<b>Fire Resist/ Flame spread:</b>	Class A (UL)
<b>Light Reflect:</b>	0.85
<b>Humidity Resistance:</b>	HumGuard Plus
<b>Anti-microbial:</b>	BioBlock+

PHYSICAL DATA	
<b>Material:</b>	Mineral Fiber, Wet-formed
<b>Texture:</b>	Fine
<b>Pattern:</b>	No Pattern
<b>Surface Finish:</b>	Factory applied latex paint
<b>Weight:</b>	1.40 (lbs/sqft)
<b>Sqft (Sqft/Carton):</b>	40.0
<b>ASTM Classification:</b>	Type: II, Form: 1, Pattern: EIC
<b>Insulation Value:</b>	R Factor-BTU: 2.3 BTU, R Factor-Watts: 0.40 WAT
<b>Hardware Friendly (Y/N):</b>	N
<b>Warranty:</b>	<b>30 Year Guarantee</b> Against Visible Sag Against Mold/Mildew & Bacteria

Color Selection - WH - White  
Main Beams - 7500  
Cross Tees - XL7520 and XL7540  
Wall Molding - 7804



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