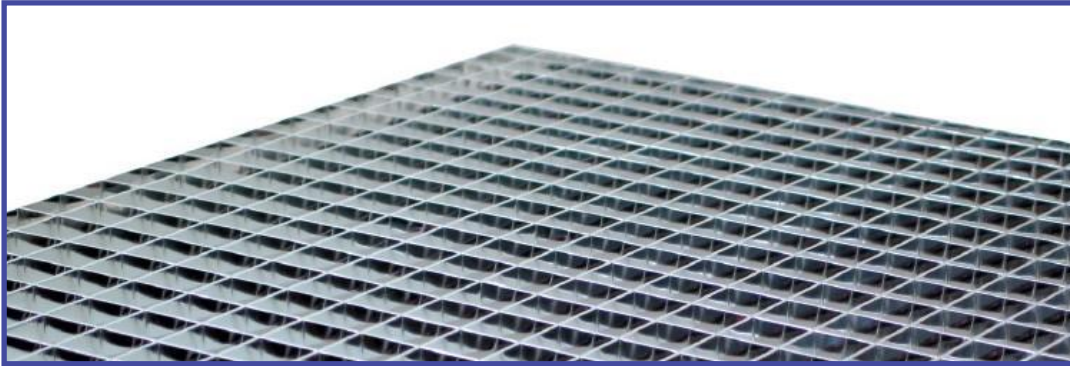


Diffuser Specialist

Para-Lite 5™: High Efficiency Plastic Parabolic Louver (Styles 2)



General Description

Para-Lite 5™ is a shallow, small cell louver offering maximum illuminating efficiency while maintaining low brightness. It meets or exceeds most energy codes.

These louvers are easily installed in lighted ceilings, fixtures or retrofit installations with little or no modification. A 28° shielding angle also conceals lamps well.

Applications

Medical facilities, department stores, conference rooms, entries and corridors, perimeter lighting, computer rooms and elevators.

Ordering Information

Please call 1.800.880.5483 for price and delivery.

Notice:

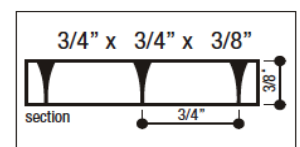
Diffuser Specialist, assumes no responsibility for suitability of these materials in any luminaire or application. Please test for fit and function prior to ordering project quantities. Subject to changes without notice.

Para-Lite 5 High Efficiency Plastic Parabolic Louver

Shallow depth
3/4" x 3/4" x 3/8"
parabolic louver
provides maximum
illumination efficiency
and excellent low
brightness qualities for
Office, Retail and
Medical environments

Material: Polystyrene

Total Luminaire Efficiency	70.2%	
VCP	.88	
Plane	0°	90°
Spacing Criteria	1.3	1.4
Shielding Angle	28	28



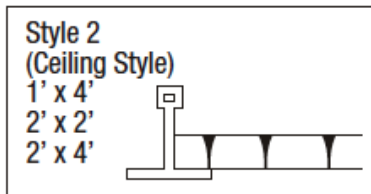
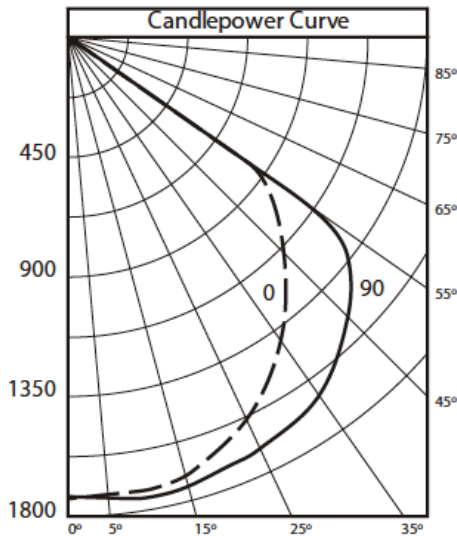
Diffuser Specialist

Para-Lite 5™: High Efficiency Plastic Parabolic
Louver (Style 2)



LOUVER	STYLE	SIZE	Material/Finish	Fabrication Options
<p>Para-Lite 5 3/4" x 3/4" x 3/8"</p> <p>Enter PL2</p>	<p>2 - Ceiling Style 1 x 4 - O.D. 11-3/4" x 47-3/4" 2 x 2 - O.D. 22-3/4" x 22-3/4" 2 x 4 - O.D. 23-3/4" x 47-3/4"</p> <p>Enter Style</p>	<p>14 - 22 - 24 -</p> <p>Enter Size</p>	<p>SPS - Specular Silver, Polystyrene</p> <p>Enter Finish</p>	<p>CUT - Cut to size AN - Avoida-Notch Framing Note: Cut to size - on Cut to size orders O.D. must be provided. Cut to Size Louvers must be able to fit directly into the doorframe. Note: Avoida-Notch - O.D. must be provided. Avoida-Notch to be used when louver cannot fit into the doorframe (for Style 2 only).</p>

To Order: Select description from each column and include "options" if applicable.
Note: All Deco-Round louvers are destaticized before and after fabrication to ensure a high quality product.



READY-TO-GO
PART# L7752448
3/4X3/4X3/8
SPECULAR SILVER
GRID
23.75 X 47.75

This drawing is for reference only. Actual part dimensions will vary. Customer is urged to review actual samples to confirm fit and function.
All specifications and dimensions are subject to change without notice

Diffuser Specialist

Para-Lite 5™: High Efficiency Plastic Parabolic Louver (Styles 2)



Specifications

Parabolic Louvers shall be Para-Lite 5 as manufactured by Diffuser Specialist, and shall be one piece injection molded of polystyrene base material with all parabolic surfaces prepared with a primary undercoat and a highly specular vacuum metalized finish. Nominal cell dimensions shall be 3/4" x 3/4" x 3/8" high and shall provide 28° shielding with a louver efficiency of not less than 70%.

This louver has a VCP index rating of .88 (specular silver finish) and a .75 coefficient of utilization for a RCR of 1.

Lighting Fixtures

Panels will sometimes require additional cutting for proper installation. Louver panels can also be specified with the Avoida-Notch™ optional frame - to specify add suffix- AN50 to the base catalog number. For color designation use B for black, W for white. For specular finish use SPS.

Lighted Ceilings

Louver panels are designed to fit any standard 1' x 4', 2' x 2' or 2' x 4' tee bar grid system.

Special Sizes

Special sizes are available, contact Diffuser Specialist.

Parabolic Data

General

Diffuser Specialist parabolic louvers are the most sophisticated and optically precise lighting control panels available in the industry. The proper installation, care and handling of these louvers will ensure excellent light control and product serviceability for many years.

Care and Handling

Great care should be exercised when handling parabolic louvers, avoiding contact with oily and/or foreign substances. Always handle louver panels with clean white gloves - never use bare hands. Always install these louvers after the space has been completed and is ready for occupancy - never during construction.

TS: TECHNICAL SUPPORT
Lighting Research Laboratories, Inc.
Test Report No. LRL 397-3H
Date 03/05/97
Description: Commercially available
2' x 4' Troffer 2/32W T8 Lamps, 3/8"
deep Parabolic Specular Silver louver
Luminaire Watts = 61.0
Catalog Number: Louver PL5 24 SPS
Lamp Type: F32T8/TL80
Lumens: 3050
Number of Lamps: 2