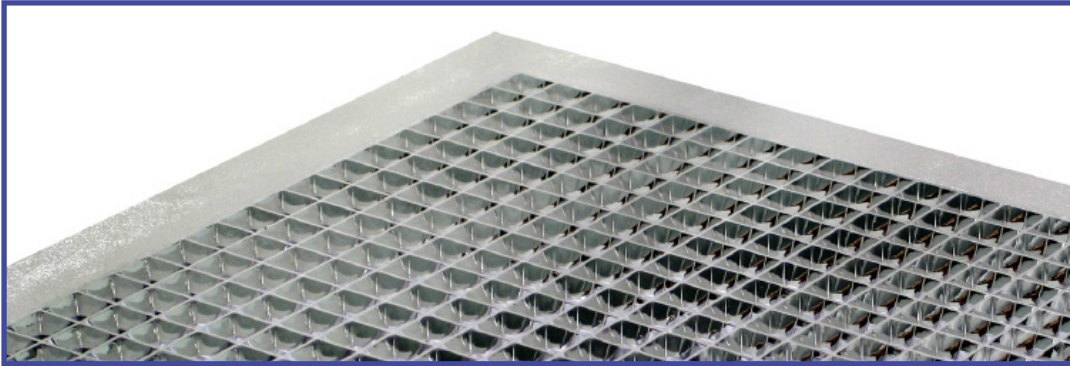
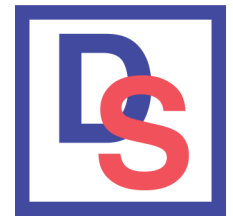


Diffuser Specialist

Para-Lite 3™: High Efficiency Plastic Parabolic Louver (Styles 1 & 2)



General Description

The Para-Lite 3™ is a small cell louver offering maximum in illuminating efficiency while maintaining a discreet low brightness appearance because of its double wedge design. Efficiency and glare control - the ultimate combination to meet today's energy concerns and stricter codes. The Specular Silver finish provides a 66.3% efficiency, shielding angle of 35° and a V.C.P. index rating of .93.

Available in two styles, ceiling and flange. Manufactured of polystyrene material.

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 luminaires and applications.

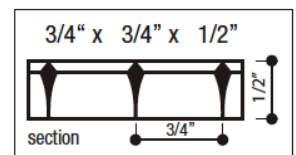
Para-Lite 3 High Efficiency Plastic Parabolic Louver

3/4" x 3/4" x 1/2"
parabolic louver
provides maximum
illumination efficiency
and excellent low
brightness qualities
for Office, Retail and
Medical environments

Material: Polystyrene

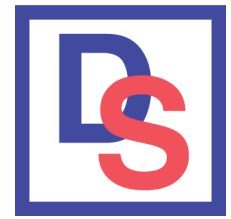
Style 1

Total Luminaire Efficiency	66.3%	
VCP	.93	
Plane	0°	90°
Spacing Criteria	1.3	1.4
Shielding Angle	35	35



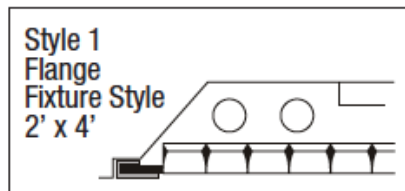
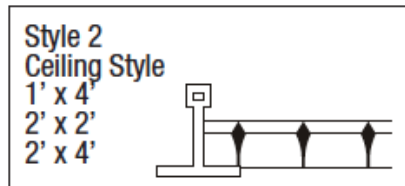
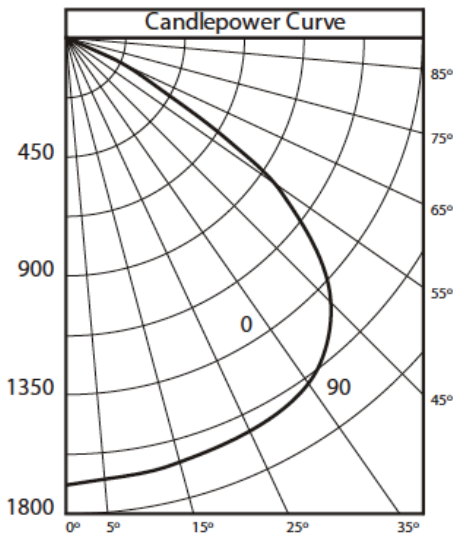
Diffuser Specialist

Para-Lite 3™: High Efficiency Plastic Parabolic Louver (Styles 1 & 2)



Louver	Style	Size	Material/Finish	Fabrication Options
Para-Lite 3 3/4" x 3/4" x 1/2" Enter PL2	1 - Flange Fixture Style 2 x 4 - O.D. 22-1/2" x 46-1/2" I.D. 19-11/16" x 43-1/2" 2 - Ceiling Style 1 x 4 - O.D. 11-3/4" x 47-3/4" 2 x 2 - O.D. 23-3/4" x 23-3/4" 2 x 4 - O.D. 23-3/4" x 47-3/4" Enter Style	14 - Style 2 Only 22 - Style 2 Only 24 - All Styles Enter Size	SPS - Specular Silver, Polystyrene Enter Finish	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).

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.



TS: TECHNICAL SUPPORT
 Lighting Research Laboratories, Inc.
 Test Report No. LRL 397-3L
 Date 03/05/97
 Description: Commercially available 2' x 4' Troffer 2/32W T8 Lamps, 1/2" deep Parabolic Specular Silver louver
 Luminaire Watts = 60.2
 Catalog Number: Louver PL3 24 SPS
 Lamp Type: F32T8/TL80
 Lumens: 3050
 Number of Lamps: 2

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 3™: High Efficiency Plastic Parabolic Louver (Styles 1 & 2)



Specifications

Parabolic Louvers shall be Para-Lite 3 as manufactured by Diffuser Specialist, and shall be one piece injection molded with a double wedge design of polystyrene base material with all parabolic surfaces prepared with a primary undercoat and a highly specular vacuum metalized finish. Cell dimensions shall be 3/4" x 3/4" x 1/2" and shall provide 35° shielding with a louver efficiency of not less than 66%. This louver has a VCP index rating of .93 (specular silver finish). Available in nominal ceiling panel sizes of 1' x 4', 2' x 2' and 2' x 4', or flanged panels with I.D. of 19-11/16" x 43-1/2", O.D. of 22-1/2" x 46-1/2".

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.