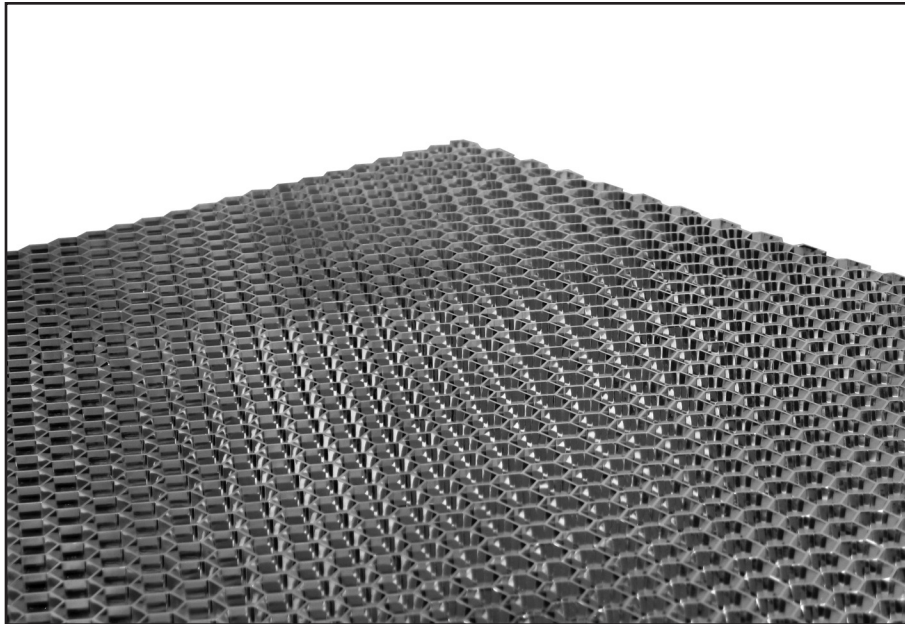


Hexabolic™ 2

Plastic Parabolic Louver



Hexabolic 2

Description

The Hexabolic™ 2 is a small cell, high efficiency louver with high brightness control that uses interlocking, hexagonal shaped cells to create a honeycomb design. Distinctive in appearance, it is suitable for luminous ceiling applications and available in several perimeter variations and color options.

Application

Conference rooms, commercial and municipal buildings, entries and corridors, perimeter areas and computer rooms.

Ordering Information

Please call 877-257-5841 for price and delivery.

Notice

A.L.P. Lighting Components, Inc. assumes no responsibility for suitability of luminaires and applications.

Louver	Nominal Size	Material / Finish	Fabrication Options
Hexabolic 2 3/4" hexagonal cells	14 - 11-3/4" x 47-3/4" 22 - 23-3/4" x 23-3/4" 24 - 23-3/4" x 47-3/4"	SPS - Specular Silver, Polystyrene SPG - Specular Gold, Polystyrene	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.
enter HB2	enter size	enter finish	enter options

To Order: Select description from each column and include "options" if applicable.

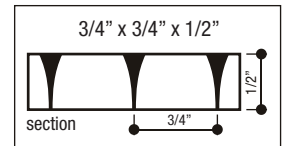
Note: All Hexabolic 2 louvers are destaticized before and after fabrication to ensure a high quality product.

Hexabolic 2

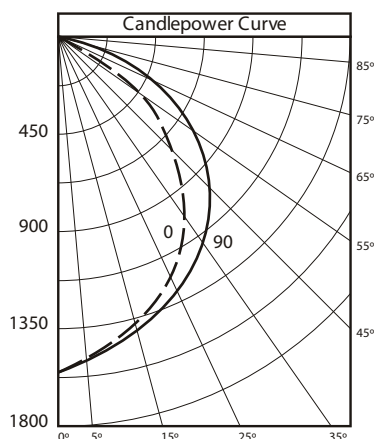
A small cell, high efficiency louver that uses interlocking, hexagonal shaped cells to create a honeycomb design for use in Office, Retail, Commercial and Medical environments.

Material: Polystyrene

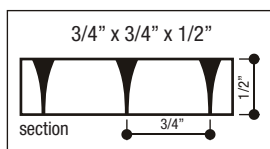
Total Luminaire Efficiency	48.9%	
VCP	.88	
Plane	0°	90°
Spacing Criteria	1.4	1.4
Shielding Angle	40	40



Hexabolic 2



TS: TECHNICAL SUPPORT
Building Acoustics & Lighting
Laboratories, Inc
Test Report No. 5267.0
Date 2/24/1988
Description: Commercially
available 2' x 4' Troffer 4/40W with
Specular Silver Polystyrene Louver
Luminaire Watts = 178
Reflection = 90%
Catalog Number: Louver HB2-24SPS-S
Lamp Type: F40T12RS/WW
Lumens: 3200
Number of Lamps: 4



Specifications

Parabolic Louvers shall be Hexabolic 2 as manufactured by A.L.P. Lighting Components, Inc., and shall be injection molded of polystyrene or acrylic with all parabolic surfaces prepared with a primary undercoat and a highly specular vacuum metalized finish.

The cells shall be hexagonal in shape with each vertical wall a parabolic curve having its focus along the edge of the opposite parallel wall and a height of 1/2". Cell size opening to be 9/16" back opening and 11/16" front opening. This allows more light through the louver for increased efficiency. Cell dimensions shall be 3/4" x 3/4" x 1/2" and shall provide 40° shielding with a louver efficiency of not less than 48.9% (Specular Silver), and has a VCP rating of .99.

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 A.L.P.

Parabolic Data

General

A.L.P. 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 & 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.

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.