

# Diffuser Specialist

## VAPOR TIGHT LENSES



### Description

These vapor proof lenses provide light source protection against weather, moisture, chemicals, and other elements. The series F40 lenses are made from acrylic, Hi-Impact acrylic and polycarbonate. Available in 48" and 96" lengths.

### Lamp Data

Each vapor tight enclosure houses a standard one or two lamp strip fixture.

### Ordering Information

Please call 1.800.880.5483 for price and delivery. Specify size and mounting holes when placing an order. Specialty sizes available upon request.

### Notice

The use of lenses at excessive temperatures with high UV output light sources will cause degradation of the material.



Series F40

Vapor proof lenses for commercial and institutional applications

#### Materials:

Clear Acrylic  
Hi-impact Clear Acrylic  
White Acrylic  
Clear Polycarbonate

Please inquire for further material options

# Series F40

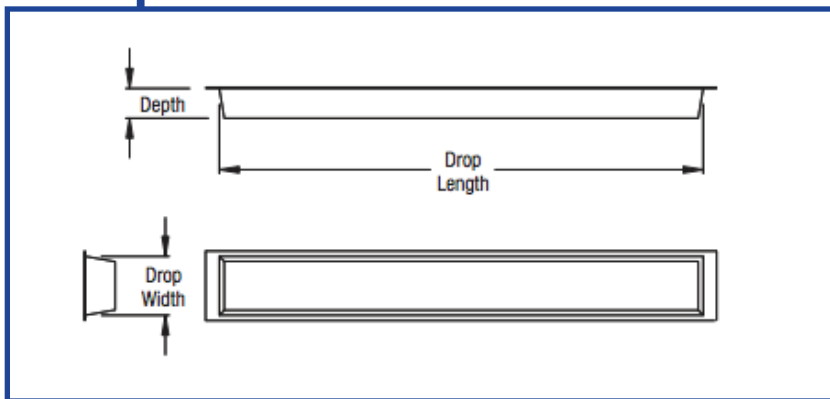
## FLORESCENT LIGHTING FILTERS



### Series F40

Size	Drop Size	Depth
48"	5" x 49"	2-3/16"
96"	5" x 97"	2-3/16"
48"	6-5/8" x 48-3/4"	3"
96"	6-5/8" x 96-3/4"	3"
48"	6-13/16" x 49-5/16"	3-1/4"
96"	6-13/16" x 97-5/16"	3-1/4"

This drawing is for reference only. Actual 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.



### Materials

The following materials are used in the production of sheet, profiles, formed and molded parts by Diffuser Specialist. Please be aware that Diffuser Specialist does not provide material certification unless requested by the customer prior to quoting. Our standard manufacturing practice includes the use of reclaimed materials exceeding 25%.

White acrylic: Pigment: Ferco CP51 based material 3-5% max. with any of the following acrylic materials.

#### Fluorescent Grade Acrylic:

Altuglas Intl. - UL file #E39437, Materials: V-O45, V-825 and V-052.  
 Lucite International - UL file #E65769, Materials: CP-81, MS-983.  
 Cyro Industries - UL file #E54671, Materials: H-12 and H-15.  
 Plaskolite West Inc. - UL file #E167330, Material: CA-81.

#### Hi-Impact Acrylic:

Altuglas Intl. - UL file #E39437, Materials: V-O45 blended with DR-101.  
 Lucite International - UL file #E65769, Materials: CP-81, MS-983 with CP-1000E.

Cyro Industries - UL file #E54671, Materials: H15 with ZK-6.  
 Plaskolite West Inc. - UL file #E167330, Materials: CA-81 with CA-1000E.

#### Impact Acrylic:

Altuglas Intl. - UL file #E39437, Materials: V-O45 blended with DR-101.  
 Lucite International - UL file #E65769, Materials: CP-81, MS-983 with CP-1000E.  
 Cyro Industries - UL file #E54671, Materials: H15 with ZK-6.  
 Plaskolite West Inc. - UL file #E167330, Materials: CA-81 with CA-1000E.

#### Polycarbonate:

General Electric Co. - UL file #E121562, Materials: Lexan ML-7135, 223 and 243.  
 General Electric Co. - UL file #E61257, Material: Lexan 9034 (Sheet).  
 Bayer Corp. - Plastics - UL file #E33640, Materials: Makrolon 1804 and HF1130.  
 Mitsubishi - UL file #E41179 lupolon E2000V.

Please visit our web site for the most current material specifications.