

PRISMATIC FORMED LENSES

Series F30



Series F30

Description

These lenses will provide maximum efficiency with excellent lamp obscuration. Available in Hi-Impact acrylic and polycarbonate P12 pattern in/out, and HID acrylic P35 pattern inside finishes.

Application

The Series 30 Formed Prismatic Lenses are designed for outdoor applications where wide luminaire spacing is desirable.

Lamp Data

The Series F30 lenses are used with HID lamps. To avoid detrimental internal reflections and high temperatures inside the lenses, proper luminaire design is required. Thermal testing should be conducted on each luminaire with the proposed light source in its selected position to confirm lamp size suitability, or to predict service life of the lens.

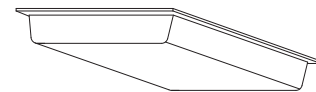
The NEC requires luminaires listed for use with metal halide HID lamps either utilize an open-rated lamp or a lamp containment barrier recognized by testing per Underwriters Lab (UL) Safety Standard 1598 clause 16.29 or equivalent. Records of this testing are the responsibility of the luminaire manufacturer.

Ordering Information

Please call 877-257-5841 for price and delivery. Specify thickness, pattern orientation and overall trim size when placing an order. Typical lead time is four to six weeks.

Notice

A.L.P. Lighting Components assumes no responsibility for suitability of luminaires and applications. The use of refractors at temperatures near or above 80°C with high ultraviolet output light sources will cause degradation of the material.



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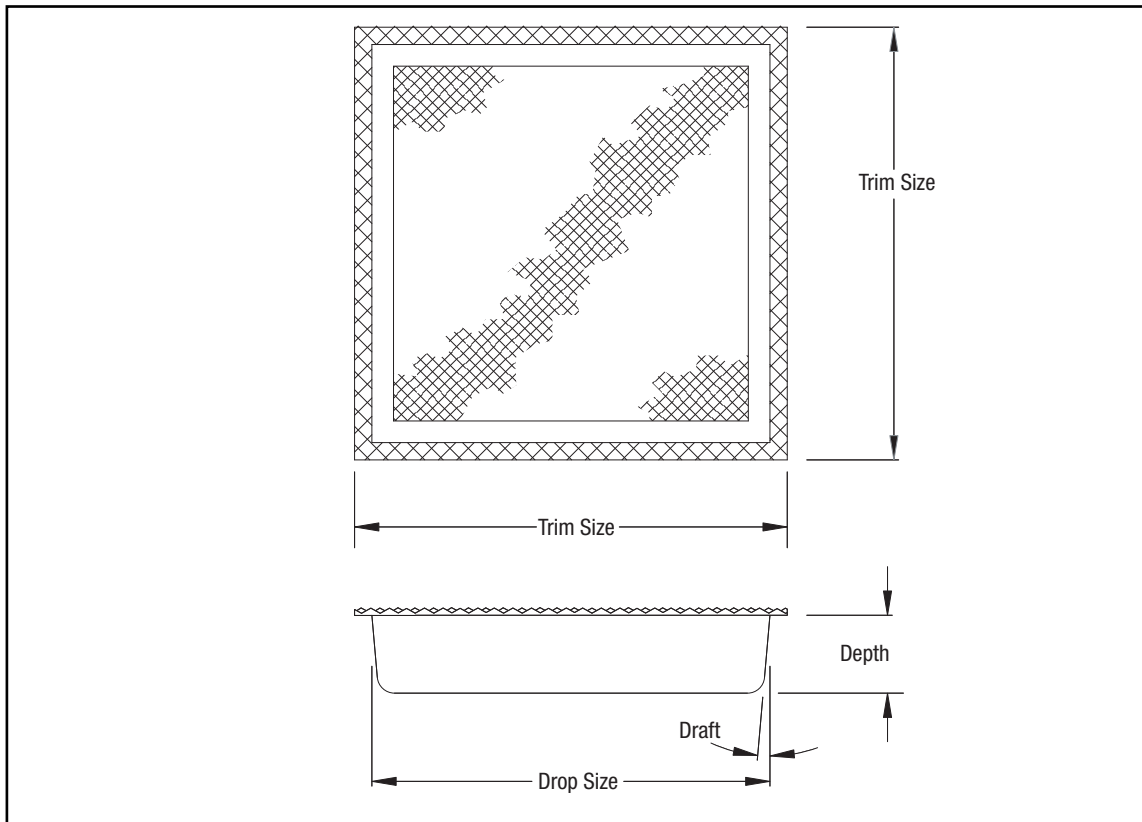
FORMED PRISMATIC LENS FOR
OUTDOOR APPLICATIONS

STANDARD MATERIALS:
HID ACRYLIC
HI-IMPACT ACRYLIC
AND POLYCARBONATE

AVAILABLE FINISHES:
P12 PATTERN IN/OUT
P35 PATTERN INSIDE

PLEASE INQUIRE FOR
FURTHER MATERIAL OPTIONS

Series F30



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Size	Drop Size	Depth	Draft
9" x 12"	9-3/8" x 12-3/8"	3"	5°
12" x 12"	11-1/2" x 11-1/2"	2-1/4"	5°
18" x 18"	14-1/4" x 14-1/4"	2-1/4"	5°
24" x 24"	19-3/8" x 19-3/8"	3"	5°
30" x 30"	26-1/8" x 26-1/8"	3"	5°
36" X 36"	31" x 31"	3"	5°

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.

Materials

The following materials are used in the production of sheet, profiles, formed and molded parts by A.L.P. Plastics. Please be aware that A.L.P. Plastics does not provide material certifications 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.

HID Acrylic:

Altuglas Intl. - UL file #E39437, Materials: V-825-HID and V-052.

Lucite International - UL file #E65769, Material: CP75-HID.

Hi-Impact Acrylic:

Altuglas Intl. - UL file #E39437, Materials: V-045 blended with DR-101.

Lucite International - UL file #E65769, Materials: CP-81, MS-983 with CP-1000E.

Cyro Industries - UL file #E54671, Materials: H-12 and 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.