

# PRISMATIC REFLEXOR®

## Model 812 Designer Series



Acrylic Pearlescent Blue, Acrylic Metalized,  
Molded Granite, Vibrant Blue.

### Description

The Model 812 Designer Series brings a splash of color to LexaLite's Model 812 energy efficient 12" diameter prismatic Reflexor®. Molded in acrylic or polycarbonate, you can choose our standard colors, or create your own custom color.

### Application

The Model 812 Designer Series can be used in residential, commercial, retail, or other decorative applications.

### Lamp Data

The Model 812 Designer Series Acrylic Pearlescent Colors, the Acrylic Metalized model and the Molded Granite model can be used with up to 100 watt incandescent and compact fluorescent lamps. These materials are not designed to be used with HID lamps.

The Model 812 Designer Series Polycarbonate Vibrant Colors are can be used with incandescent and compact fluorescent lamps under 150 watts. Luminaire design, reflector configuration, lamp position and ambient temperature will affect the inside surface temperature. Thermal tests should be conducted on each luminaire design to confirm appropriate lamp size for the application.

### Ordering Information

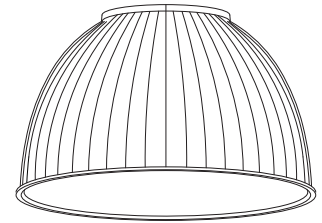
Please call 877-257-5841 for price and delivery. Typical lead time is four to six weeks.

### Service Life

The service life of an acrylic Reflexor is virtually unlimited when used within the recommended temperature limit. Acrylic molded versions of our Prismatic Reflexor series are covered by our 10 year limited warranty. Polycarbonate versions are virtually indestructible and are subject to yellowing when used with high ultraviolet output light sources; this effect is enhanced at high temperatures.

### Notice

A.L.P. Lighting Components, Inc. assumes no responsibility for suitability of luminaires and applications. The use of our molded products at excessive temperatures with high UV output light sources will cause degradation of the material. Information regarding the use of lenses and refractors with Metal Halide lamps can be found in the Products/Technical Resources section of our web site at [www.alplighting.com](http://www.alplighting.com).



## Model 812 Designer Series

7.47" high  
12.43" diameter

PRISMATIC REFLEXOR  
OPEN OR CLOSED LUMINAIRE  
RESIDENTIAL, RETAIL, COMMERCIAL  
APPLICATIONS

Efficiency: 95,8%  
Uplight: 17,8%  
CIE type: Semi-Direct  
Luminaire spacing criteria: 1,7. 1,3

Materials: Acrylic,  
Polycarbonate, and  
Custom Colors



**A.L.P.**  
LIGHTING COMPONENTS, INC.  
WEB SITE: [WWW.ALPLIGHTING.COM](http://WWW.ALPLIGHTING.COM)

 **LEXALITE**

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## Accessories

### Smooth Flat Lens (812SFL):

12" diameter acrylic or polycarbonate lens.

### Domed Lens (12ASDE, 12PSDE):

12" diameter acrylic (12ASDE), or polycarbonate (12PSDE) lens.

### Conical Drop Lens (12CDL):

12" diameter acrylic or polycarbonate lens.

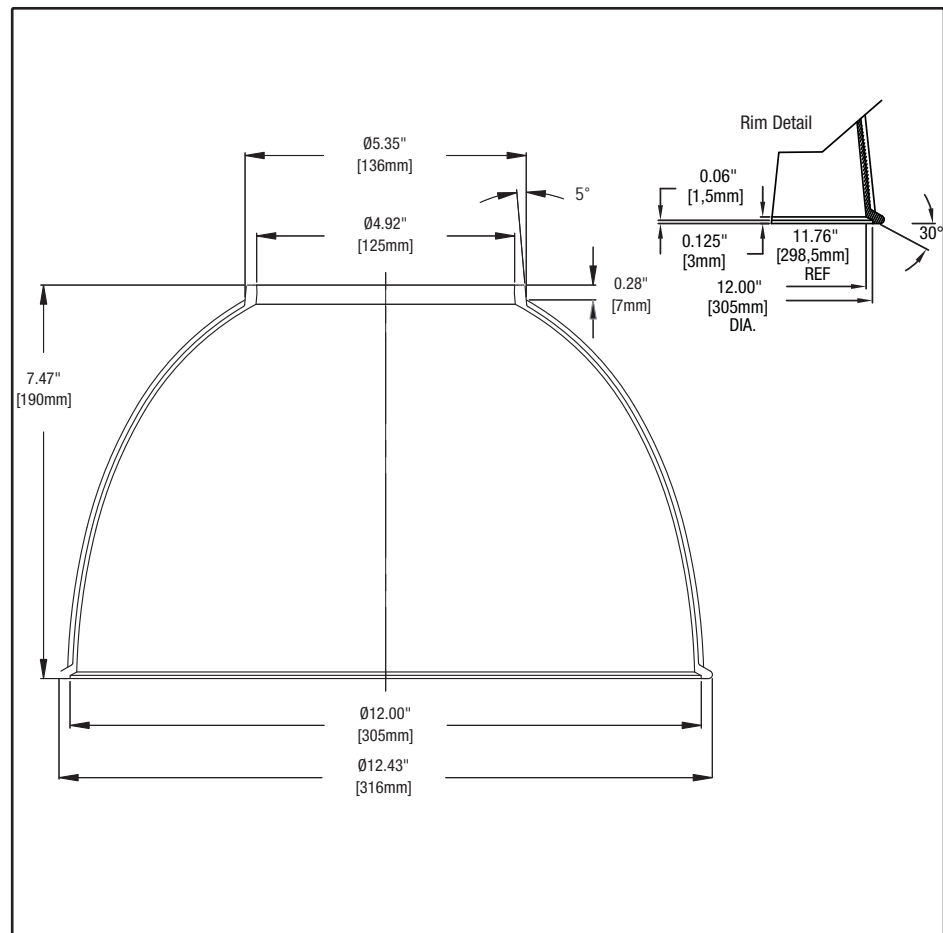
### Stainless Steel Clamp Band

For attachment of bottom closure.

## Materials

See the LexaLite® brand price list for current part numbers and material offerings. Up-to-date and detailed material specifications can be found in the Products/Technical Resources section of our web site at [www.alplighting.com](http://www.alplighting.com).

When using an acrylic Model 812, the surface temperature of the Reflexor should not exceed 80°C. When using a polycarbonate Model 812, the surface temperature of the Reflexor should not exceed 90°C.



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.

