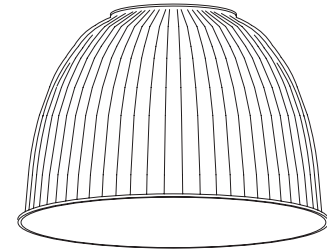


Model 816U

**Dimensions**

10.9" high
 16" diameter

Materials

Acrylic:
 Clear

Accessories/Options

Tapered Drop Lens
 Widebay16 Lens
 Conical Drop Lens
 Smooth Flat Lens
 Stainless Steel Clampband
 Wire Guard

General Description

The Model 816U is an energy efficient 16" diameter prismatic Reflexor®, and is designed to be used in either open or closed luminaires.

Features and Benefits

- Rated up to 250 watts.
- Provides glare-control and lamp/light source hiding mechanisms.
- Widens the distribution pattern of the light.
- Provides uniform illuminance.
- Available in UV stabilized Acrylic in Clear for high efficiency in general lighting.
- Achieves 30% uplight and works at a 96% efficiency when using the light source in the correct position (Arc center at 7" above bottom rim).
- Used with collars for 6.30" open tops or with closed flat top for custom.

Applications

The Model 816U is designed to be used in industrial, manufacturing, warehouse, grocery, athletic facility, natatoriums, office, retail and hospitality spaces. It is exceptionally suited for mounting heights of 15-30 feet. The AC-FC lens is recommended for LED applications and the AC-LG lens for HID applications.

Before final installation of Reflexors, dissipate static on parts by spraying with de-staticized air or by wiping with a clean, damp rag. This will help minimize dust build up on the Reflexor.

Service Life

The service life of acrylic refractors is virtually unlimited when used within the recommended temperature limit. Polycarbonate refractors are subject to yellowing especially when used with high ultraviolet output light sources; this effect is enhanced at high temperatures.

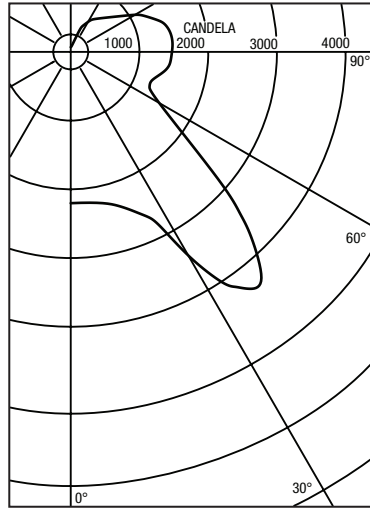
Ordering Information

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

Fixture Performance for Reference Only

Report Number: LL02511
Total Luminaire Efficiency: 96.2%
CIE Type: Semi-Direct
Luminaire Spacing Criteria: 1.8

Tested in accordance with IES standards.
 Lamp is a 250 watt phosphor coated metal halide lamp. Lumen rating = 20,500. Lamp center located at 7 inches above lower rim.



Lumen Summary

Zone	Lumens	%Lamp	% Fixture
0-30	2112	10.3	10.7
0-40	4676	22.8	23.7
0-60	9141	44.6	46.3
0-90	13405	65.4	67.9
90-120	4356	21.2	22.1
90-130	5169	25.2	26.2
90-150	6082	29.7	30.8
90-180	6323	30.8	32.1
0-180	19727	96.2	100.00

Materials

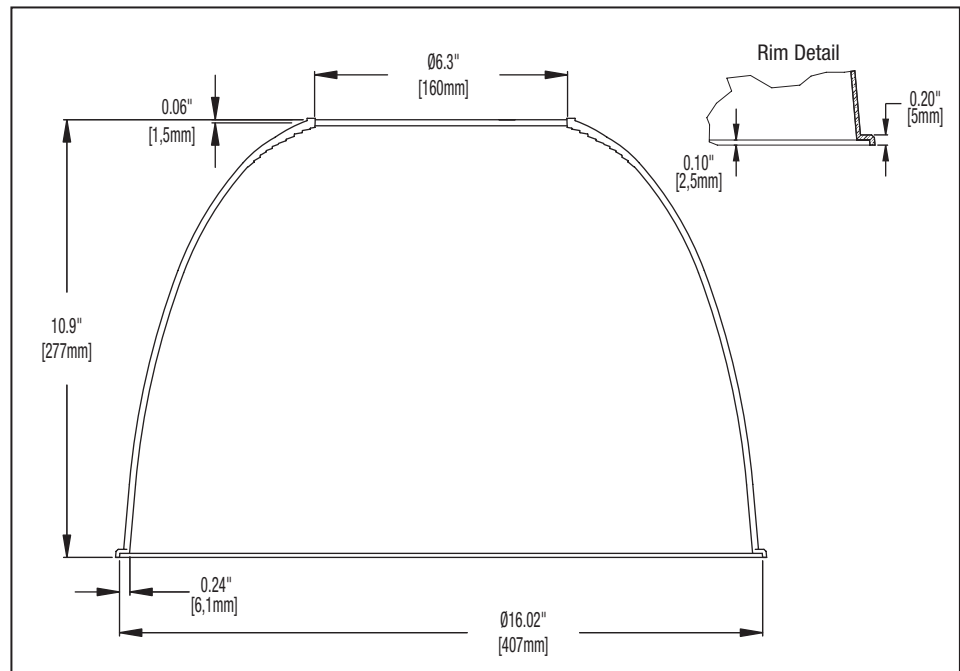
See the LexaLite® brand price list for current part numbers and material offerings. Up-to-date and detailed material specifications can be found in the Resources section on our website www.alpadvantage.com.

When using acrylic, the surface temperature of the lens should not exceed 80°C. When using polycarbonate. The surface temperature of the lens should not exceed 90°C.

Notice

A.L.P. assumes no responsibility for suitability of these materials in any luminaire or application. Please test for fit and function prior to ordering project quantities.

While A.L.P. utilizes IESNA testing procedures and believes our testing results to be accurate, A.L.P. provides photometry for reference only. Actual results will vary based on the actual light source(s) and power source(s) used, i.e. ballast, driver generator, etc. and the combinations in which they are used, as well as operating temperatures, and other electrical and environmental variables. We urge that customers perform their own fixture qualifications prior to making performance based claims. In no event will A.L.P. be liable for any loss, damage, including without limitation, indirect or consequential loss or damage in connection with the use of this information.



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.