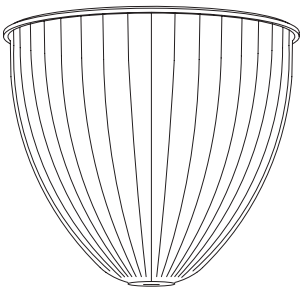
TEAR DROP REFRACTORS
Models 120 and 121

Model 120



Dimensions
11.07” High
13” Diameter

Materials
Acrylic:
Clear
Moon Glow™
Polycarbonate with UvaLex®:
Clear

General Description
Models 120 and 121 are Tear Drop refractors which are 11.07” high and 13” in diameter. The lenses feature smooth exteriors for self-cleaning.

Features and Benefits
- Rated up to 250watts
- Provides optical batwing distribution.
- Supplied in Type III which provides roadway and parking area lighting and Type V symmetrical lighting.
- Model 120 is molded in Clear Polycarbonate with UvaLex® for areas where breakage and high ambient heat are concerns.
- Model 121 is molded using UV stabilized Acrylic in Clear and Moon Glow™ (for moderate diffusion) for high efficiency in general lighting applications.

Applications
These lenses are typically used in roadway or nostalgia luminaires. Compatible with traditional halogen, medium or mogul-based metal halide, HPS and LED lamp sources.

Before final installation, 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.

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.

A.L.P.
6333 Gross Point Road, Niles, IL 60714
Ph: (877) 257-5841 • Fx: (773) 774-9331
www.alpadvantage.com

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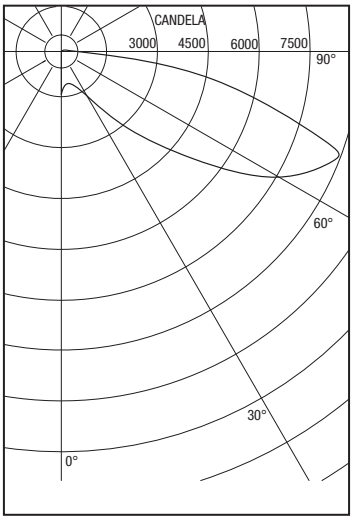
LEXALITE AN A.L.P. BRAND

TEAR DROP REFRACTORS
Models 120 and 121

Type III Fixture Performance for Reference Only

Report Number: ITL50864
Luminaire Efficiency: 71.32%
Downward total: 68.48%
IES Classification: Medium, Non-cutoff, Type III

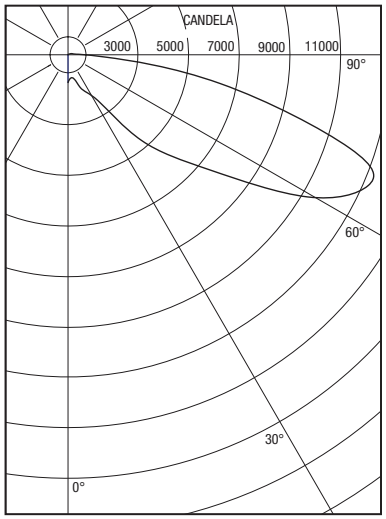
Tested in accordance with IES standards. Photometry based on a 250W clear, metal halide lamp



Type V Fixture Performance for Reference Only

Report Number: ITL50865
Luminaire Efficiency: 78.87%
Downward total: 76.27%
IES Classification: Medium, Non-cutoff, Type III
Arc Tube Voltage Rise: 3.8

Tested in accordance with IES standards. Photometry based on a 250W clear, HPS lamp



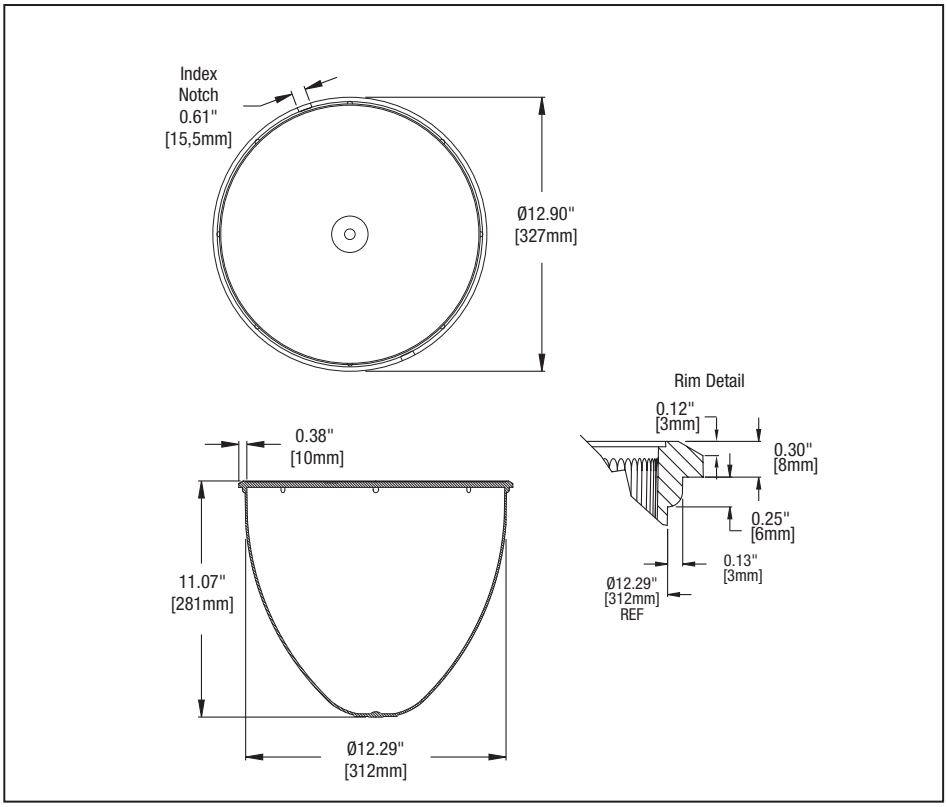
Materials
See the LexaLite® brand price list for current part numbers and material offerings. Up-to-date and detailed material specifications can be found in the Resources section on our website www.alpadvantage.com.

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.

UvaLex® is LexaLite's proprietary treatment to retard yellowing in ultraviolet environments and is standard on these polycarbonate refractors.

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.

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