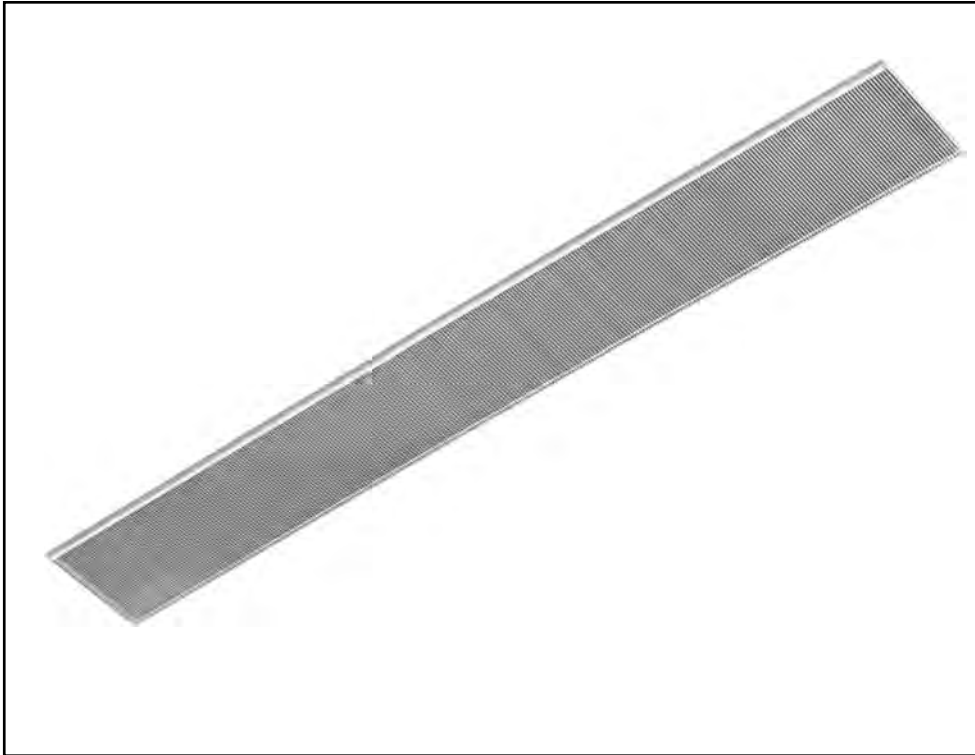


TASK LIGHT LENSES

Models 724 and 736



Models 724 and 736

Description

These acrylic prismatic task light lenses feature prisms precisely oriented 90° to the axis of the fluorescent lamp, which produce a widespread "batwing" distribution. Our design achieves more uniform coverage of a workstation surface, and redirects veiling reflections. Models 724 & 736 are lighting components for fluorescent lamp diffusion in applications such as valance lighting, under cabinet kitchen and office task lights. Also, various distributions may be achieved with wall wash luminaires that incorporate unidirectional control reflectors. Both lenses are molded from UV inhibited acrylic polymers with maximum optical clarity. Other materials, such as polycarbonate, are available upon request for special applications.

Application

Models 724 and 736 are designed for use in workstation areas and task lighting.

Lamp Data

T-8 fluorescent lamps in 2', 3' and 4' lengths are primarily used with these 23.89" and 35.87" long task light lenses. They can also be

used with T-5, compact fluorescent and bi-x lamps. Both models can be combined or cut to ensure that any lamp length can easily be accommodated. Reflector design is an important contributor to the final distribution of the projected illumination along the axis or perpendicular to the lamp axis. To avoid detrimental internal reflections and high temperatures, proper reflector and luminaire design is required.

Ordering Information

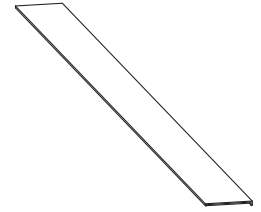
Please call 877-257-5841 for price and delivery. Typical lead time is four to six weeks.

Service Life

The service life of acrylic refractors is virtually unlimited when used within the recommended temperature limit.

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.



Models 724 and 736

Model 724
23.89" long
3.25" wide

Model 736
35.87" long
3.25" wide

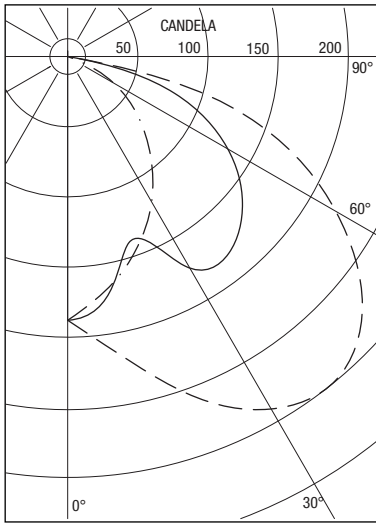
TASK LIGHTING APPLICATIONS

Model 724
Efficiency: 55%
CIE type: Direct
Luminaire spacing criteria: 1.5

Material: Acrylic



Models 724 and 736



Photometrics

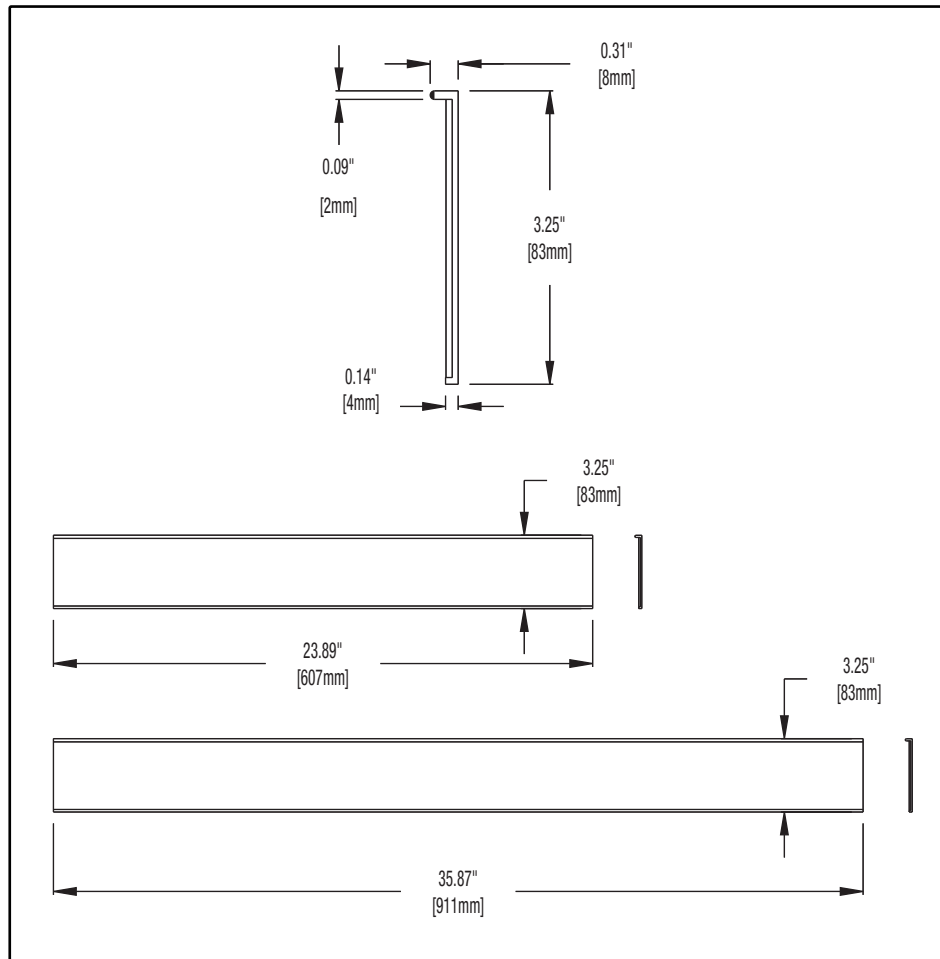
Models 724 and 736 are designed to provide significant reductions in illumination directly below, and up through 15° vertical at an axis perpendicular to the luminaire. The spacing-to-mounting height ratio is typically 1.5:1 along the axis of the lamp, with overall efficiencies of 55%. When Model 724 is coupled with a metal housing, synthetic enamel reflector and one 24W T-8 lamp, the optical assembly produces 299 candela at 40° vertical and 0° lateral. (ITL28298) Both models are responsive to some forward throw reflectors for other modified batwing distributions.

Report Number: ITL28298
 Total Luminaire Efficiency = 55%
 CIE Classification: Direct

Material

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.

When using acrylic Models 724 and 736, the surface temperature of the lens should not exceed 80°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.