

OVATE LUMINAIRE COVER

Model 130



Model 130

Description

Model 130, a roadway luminaire cover, is produced in polycarbonate, which makes this lens nearly unbreakable and provides excellent vandal resistance. The Model 130 roadway luminaire cover includes a built-in hinge feature for easy relamping and a channel to hold a perimeter gasket for production of a watertight luminaire. The surface of Model 130 is smooth and self-cleaning, which minimizes light depreciation losses. This Model is 10.3" long, 8.13" wide and 2.86" tall.

Application

Model 130 is developed specifically for low wattage roadway, rural, area and security lighting applications.

Lamp Data

This enclosure was designed to be used with 70 watt high pressure sodium lamps. It can also be used with low wattage compact fluorescents, as long as the temperature is above 40° F and other HID lamps up to 70

watts. Each roadway luminaire cover should be thermally tested with the appropriate lamp to determine the enclosure is not exposed to operating temperatures on the interior surface greater than 90°C for maximum useful life.

Ordering Information

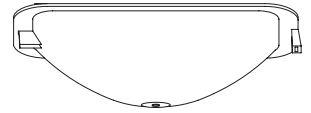
Please call 800-228-5275 or 231-547-6584 for price and delivery. Typical lead time is four to six weeks.

Service Life

Polycarbonate refractors are subject to yellowing especially when used with high ultraviolet output light sources; this effect is enhanced at high temperatures.

Notice

A.L.P. Lighting 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.



Model 130

Length: 10.3"
Width: 8.13"
Depth: 2.86"

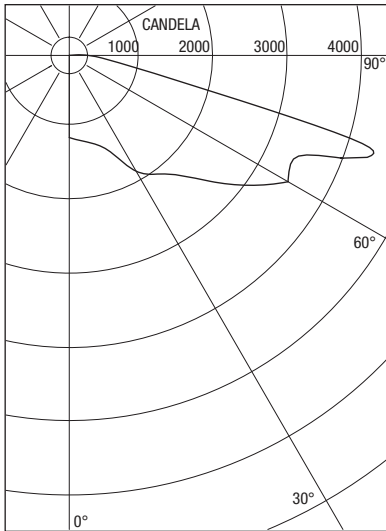
ROADWAY, RURAL, AREA AND
SECURITY LIGHTING APPLICATIONS

Efficiency: 83.3%
IES Classification:
Medium, non-cutoff, Type II
Arc Tube Voltage Rise = 2.1

Material: Polycarbonate



Model 130



Photometrics:

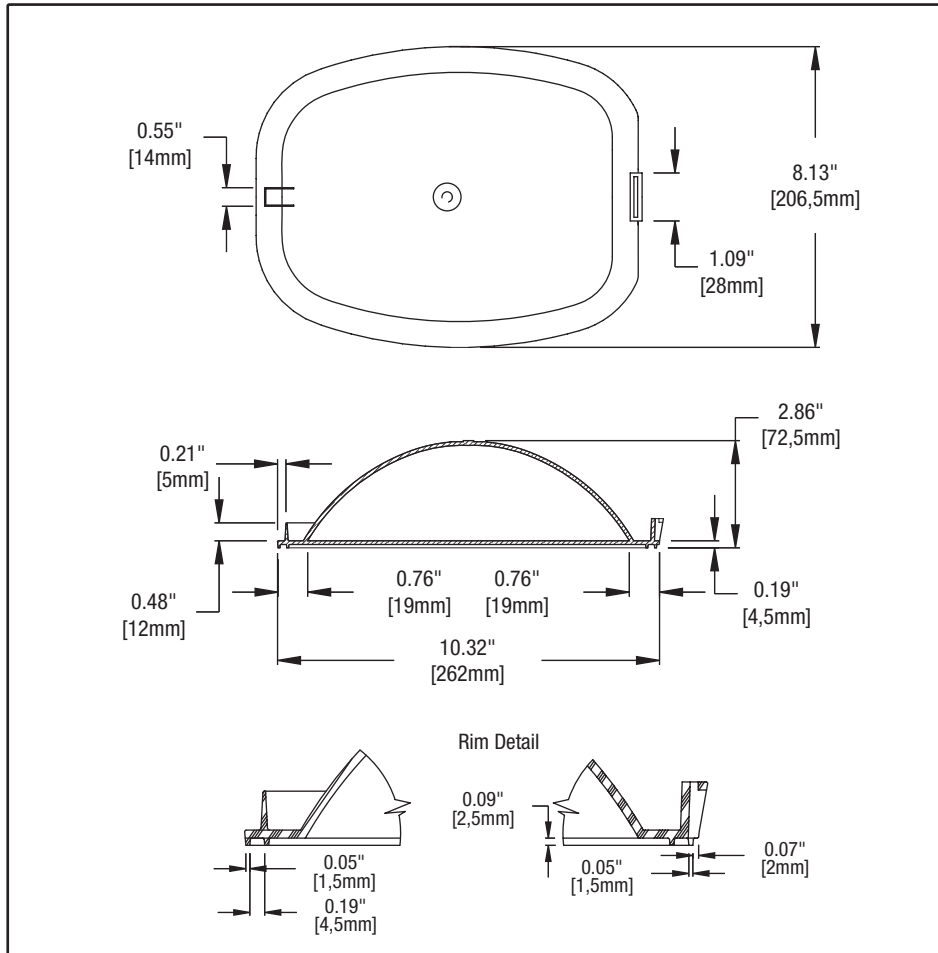
This cover is carefully designed to have parallel walls, which minimizes the possibility of internal reflection losses in the body of the part. Carefully designed to minimize internal reflections Model 130 will allow the luminaire designer greater flexibility in the use of reflector contours. The cover also maximizes the use of the reflector performance toward designs in either luminance and illuminance distributions. Model 130, when mated with a cast metal ballast housing, formed specular metal reflector and clear 70W HPS horizontal lamp produces 4369 candela at 72° vertical and 79.8° lateral. Efficiency is 83.3% (ITL49112). Individual luminaire performance depends on the lamp center position and the reflector design chosen. Each luminaire design should be individually tested for proper classification. Please visit our web site for additional photometric data.

Report Number: ITL49112
 Total Luminaire Efficiency = 83.3%
 IES Classification: Medium, Non-Cutoff, Type II
 Arc Tube Voltage Rise = 2.1

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.

When using a polycarbonate Model 130, the surface temperature of the lens 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.