

Signals

8" & 12" Traffic Signal Visors Aluminum & Polycarbonate

Saving lives through improved mobility isn't just a phrase at Econolite—it's a mindset—a culture and way of doing business, embedded across the entire organization.

Since the very beginning, Econolite has been committed to leveraging intelligent technology—from the first lighted stop sign, intended to reduce injuries and fatalities at intersections in 1933, all the way through our more advanced solutions for transportation management.

Traffic signal visors serve an important purpose for drivers approaching a signalized intersection. Visors limit glare from reflected sunlight, but at the same time, vehicles in multiple lanes and pedestrians get an unobstructed view of the signal faces. Visors also help reduce washout from other light sources and shield the view of drivers on adjacent or side streets. Visors are designed with a minimum three-degree downward tilt which allows equal shading from low-angle sunlight.

Key Features

- Available for 8-inch and 12-inch signal configurations
- Polycarbonate and aluminum options
- Twist-on mounting tabs for easy installation
- ISO 9001: 2015-certified



Full Circle



Cap



Tunnel



45° Angle



Corrosion Resistant Finishes

Aluminum Visor

The traffic signal visor is constructed from 5052-H32 ASTM-B209 sheet aluminum.

Painting of aluminum visor:

- All interior and exterior surfaces are pre-treated for painting
- Degreased, rinsed, and etched with an iron phosphate solution
- Rinsed with a final deionized water rinse, then dried for ten minutes at 400°F
- Painted with a single coat of environmentally-safe, ultraviolet-resistant, polyester powder coating that is applied electrostatically at 90 kV and baked for 20 minutes at 400°F
- Meets ASTM D-3359, ASTM D-3363, and ASTM D-522

Standard Specifications

Material	<ul style="list-style-type: none"> • Polycarbonate visor thickness 0.10" • Aluminum visor thickness 0.05"
Standard Color(s)	Dark Olive Green - <i>Matches federal standard 595b-14056</i> Yellow - <i>Matches federal standard 595b-13538</i> Flat Black - <i>Matches federal standard 595b-37038</i> Gloss Black (Aluminum only) - <i>Cardinal T009-BK12</i> Unpainted
Additional Information	All visors are painted flat black on the inside unless requested otherwise

Polycarbonate Visor

The polycarbonate visor is a one or two-piece molded ultraviolet and heat-stabilized unit made from virgin polycarbonate resin.

8" & 12" Traffic Signal Visor Options

Aluminum Tunnel		
Part Number	Diameter	Length
E8260P1-XX	8"	7" (ITE)
E8260P2-XX	8"	8"
E8260P4-XX	8"	12"
E8265P1-XX	12"	9-1/2" (ITE)
E8265P3-XX	12"	11"
E8265P4-XX	12"	12"

Aluminum Right Angle		
Part Number	Diameter	Length
E8282P1-XX	8"	8" x 18"
E8282P2-XX	8"	12" x 27"
E8282P3-XX	8"	7" x 16"
E8287P1-XX	12"	8" x 18"
E8287P2-XX	12"	12" x 27"
E8287P3-XX	12"	7" x 16"

Aluminum Left Angle		
Part Number	Diameter	Length
E8281P1-XX	8"	8" x 18"
E8281P2-XX	8"	12" x 27"
E8281P3-XX	8"	7" x 16"
E8286P1-XX	12"	8" x 18"
E8286P2-XX	12"	12" x 27"
E8286P3-XX	12"	7" x 16"

Aluminum Full Circle		
Part Number	Diameter	Length
E8280P1-XX	8"	7" (ITE)
E8285P1-XX	12"	9-1/2" (ITE)
E8285P4-XX	12"	12"

Aluminum Cap		
Part Number	Diameter	Length
E8270P1-XX	8"	7" (ITE)
E8275P1-XX	12"	9-1/2" (ITE)

Polycarbonate		
Part Number	Diameter	Length
EP1529-XX	8"	8" Tunnel
EP1530-XX	8"	8" Cap
106-1001-0XX	12"	10" Tunnel
EP1540-XX	12"	10" Cap



XX Denotes paint color. Dimensions are approximate and may vary.