



VEHICLE TRAFFIC SIGNALS



imagination at work



US REFLECTOR
43 Franklin St East Hartford CT 06108
www.usreflector.com

The Greatest Signals Stand the Test of Time.™



8" POLYCARBONATE LED SIGNAL

8 Inch LED Signal Modules and Housings

When it comes to traffic signals, we want to make sure that you get the best quality materials that will not only stand the test of time, but look good doing it. Our 8 inch polycarbonate signal is injection molded of UV stabilized, pre-colored opaque polycarbonate, known for its lightweight yet durable composite. The housings can be fastened together with locking serrated teeth and the aerodynamic design is wind resistant. The visors are also made from polycarbonate and are available in either cap or tunnel styles.



MATERIAL

The housing, door, and visor are injection molded of UV stabilized, pre-colored opaque polycarbonate. Never needs painting! Wall thickness varies from .160" on the body to .175" top and bottom. Extensive ribbing provides stiffness and strength.

HOUSING

Each one piece unit is serrated in 5° increments at each end, so that they may be fastened together to form multi-section signals. Each housing has provisions for mounting two terminal blocks and attaching back plates. The aerodynamic shape is wind-resistant.

DOOR

Two stainless steel captive eye-bolts and wing-nuts provide access to the inside of the housing. Hinge pins are stainless steel. All screw holes are 10-32 brass inserts, ultrasonically inserted.

VISOR

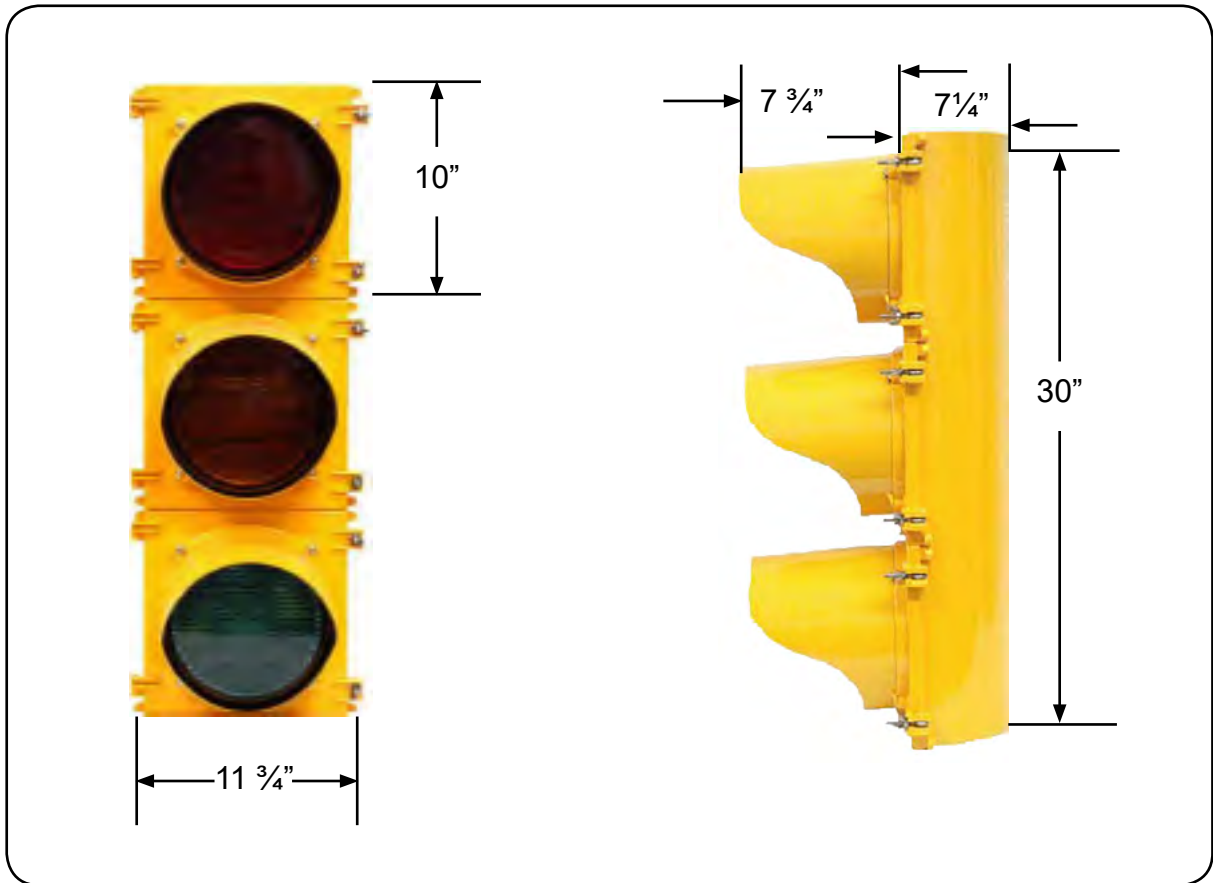
The removable twist-on visor is secured to the door with stainless steel hardware. Cap, tunnel and full circle visors are available.

MOUNTING EASE




Positive positioning and locking are achieved through the use of serrated brackets, mast arm, or span wire fittings that mate with the serrated openings top or bottom.



DIMENSIONS



Color Options

Gloss Black		B
Federal Yellow		Y
Dark Olive Green		G
Custom		C

EASY ASSEMBLY-PART NUMBER KEY

E	30	POLY	Y	RYG	T	B	Y	B
Size	Orientation & Use	Housing Material	Backplate	LED's Installed	Visor Form Tunnel-T Cap-C Full-F	Body Color	Door Color	Visor Color



8" ALUMINUM LED SIGNAL



8 Inch LED Signal Modules and Housings

One of our most popular and well known signals to date is our 8 inch Aluminum signal. These signals have kept some of the biggest cities in the world in motion, such as New York City. The signal housings are pressure die-cast of Aluminum Alloy 413 in accordance with ASTM - B85. The aluminum housings can also be fastened together to form multi-sectional signals, due to the locking serrated teeth. They are clear chromated prior to being powdercoated for a great looking signal that lasts

MATERIAL

Signals are pressure die-cast of aluminum alloy 413 in accordance with ASTM-B85.

HOUSING

One-piece die-cast aluminum unit with serrations in 5° increments at each end, so that they may be fastened together to form multisection signals. Each housing has provisions for mounting two terminal blocks and attaching backplates.

DOOR

One-piece die-cast aluminum unit equipped with stainless steel hinge pins. One stainless steel captive eyebolt and wing nut permit easy access to the inside of the housing.

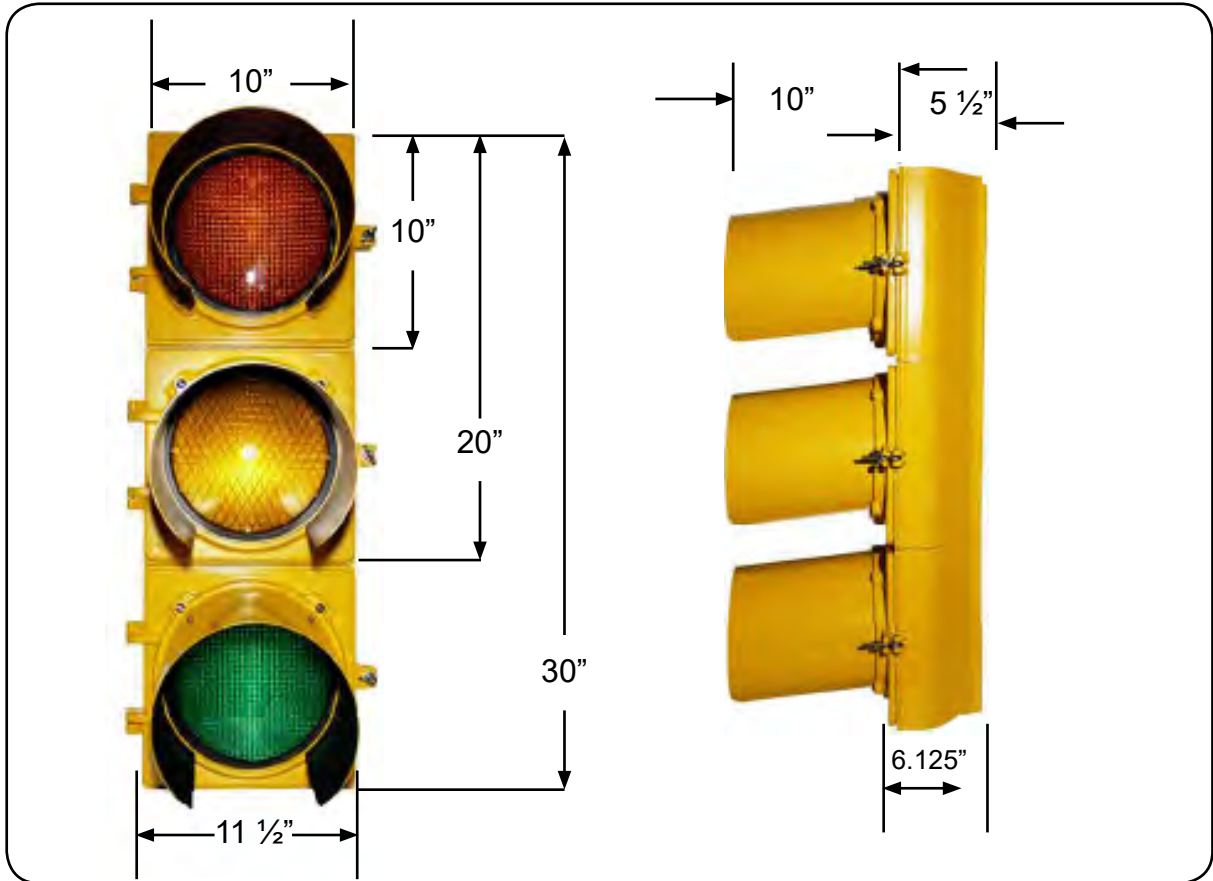
VISOR

One-piece formed aluminum unit. The removable twist-on visor is secured to the door with stainless steel hardware. Cap, tunnel, and full circle visors are available. The interior of the visor is coated with a non-reflective, matte black paint.

MOUNTING EASE

Positive Positioning and locking are achieved through the use of serrated fittings, mast arm brackets or span wire mounts .

DIMENTIONS



Color Options

- Gloss Black B
- Federal Yellow Y
- Dark Olive Green G
- Custom C

EASY ASSEMBLY-PART NUMBER KEY

E	30	POLY	Y	RYG	T	B	Y	B
Size	Orientation & Use	Housing Material	Backplate	LED's Installed	Visor Form Tunnel-T Cap-C Full-F	Body Color	Door Color	Visor Color



12" POLYCARBONATE LED SIGNAL



12 Inch LED Signal Modules and Housings

The quality of our signals goes hand in hand with your safety on the road and the trust that you have with our products. That's why we design and engineer the highest quality traffic equipment in the industry to reassure that trust with our customers. Our 12 inch polycarbonate signal is injection molded of UV stabilized, pre-colored opaque polycarbonate, known for its lightweight yet durable composite. The housings can be fastened together with locking serrated teeth for ultimate performance, even in extreme weather. The visors are also made from polycarbonate and are available in either cap or tunnel styles.

MATERIAL

The housing, door, and visor are injection molded of UV stabilized, pre-colored opaque polycarbonate. Never needs painting! Wall thickness varies from .160" on the body to .175" top and bottom. Extensive ribbing provides stiffness and strength.

HOUSING

Each one piece unit is serrated in 5° increments at each end, so that they may be fastened together to form multi-section signals. Each housing has provisions for mounting two terminal blocks and attaching backplates. The aerodynamic shape is wind resistant.

DOOR

Two stainless steel captive eyebolts and wingnuts provide access to the inside of the housing. Hinge pins are stainless steel. All screw holes are 10-32 brass inserts, ultrasonically inserted.

VISOR

The removable twist-on visor is secured to the door with stainless steel hardware. Cap, Tunnel, and Full Circle visors are available.

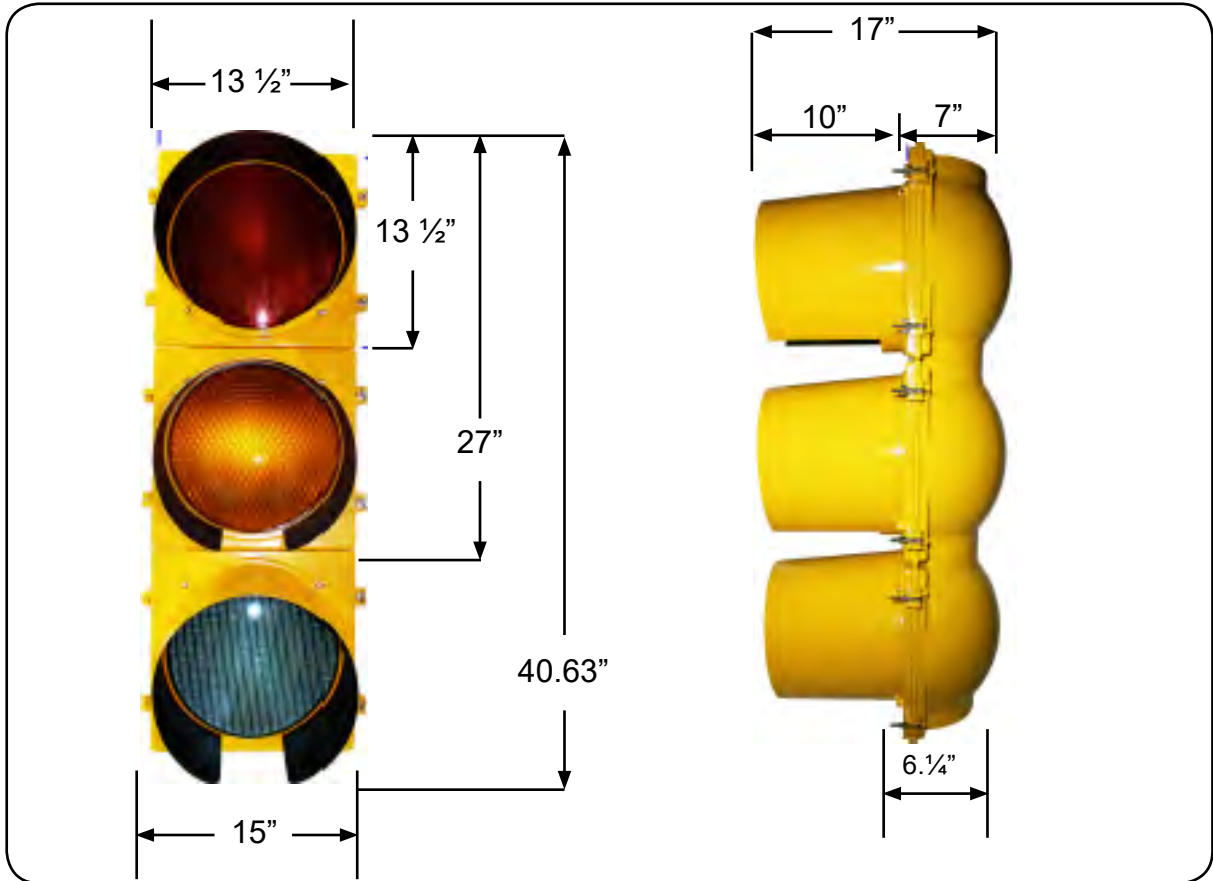
MOUNTING EASE

Positive Positioning and locking are achieved through the use of serrated fittings, mast arm brackets or span wire mounts.

FULLY /TE COMPLIANT

Manufactured from polycarbonate, the housings are compliant with multiple agency standards including the Institute of Transportation Engineers (ITE) and the Vehicle Traffic Control Signal Heads (VTCSH) standards

DIMENSIONS



	Color Options		Weights	
	Gloss Black	B	Single section	
	Federal Yellow	Y	WITH VISOR & LED	8 LBS
	Dark Olive Green	G	SINGLE SECTION	
Custom	C	WITH VISOR	5.5 LBS	
			HOUSING	3 LBS
			DOOR	1.375 LBS

EASY ASSEMBLY-PART NUMBER KEY

E	30	POLY	Y	RYG	T	B	Y	B
Size	Orientation & Use	Housing Material	Backplate	LED's Installed	Visor Form Tunnel-T Cap-C Full-F	Body Color	Door Color	Visor Color



12" ALUMINUM LED SIGNAL



12 Inch LED Signal Modules and Housings

Another one of our most prized and rugged vehicle signals is our 12 inch Aluminum signal. Stronger than the more sought after polycarbonate version, these signals were the first ever in our product line. Quality comes first and these signals are no exception. The signal housings are pressure die-cast of Aluminum Alloy 413 in accordance with ASTM - B85. The aluminum housings can also be fastened together to form multi-sectional signals, due to the locking serrated teeth. They are also sprayed with a clear chromate prior to being powdercoated for a great looking signal that lasts.

MATERIAL

Signals are pressure die-cast of aluminum alloy 413 in accordance with ASTM-B85.

HOUSING

One-piece die-cast aluminum unit with serrations in 5° increments at each end, so that they may be fastened together to form multisection signals. Each housing has provisions for mounting two terminal blocks and attaching backplates.

DOOR

One-piece die-cast aluminum unit equipped with stainless steel hinge pins. Two stainless steel captive eyebolts and wing nuts permit easy access to the inside of the housing.

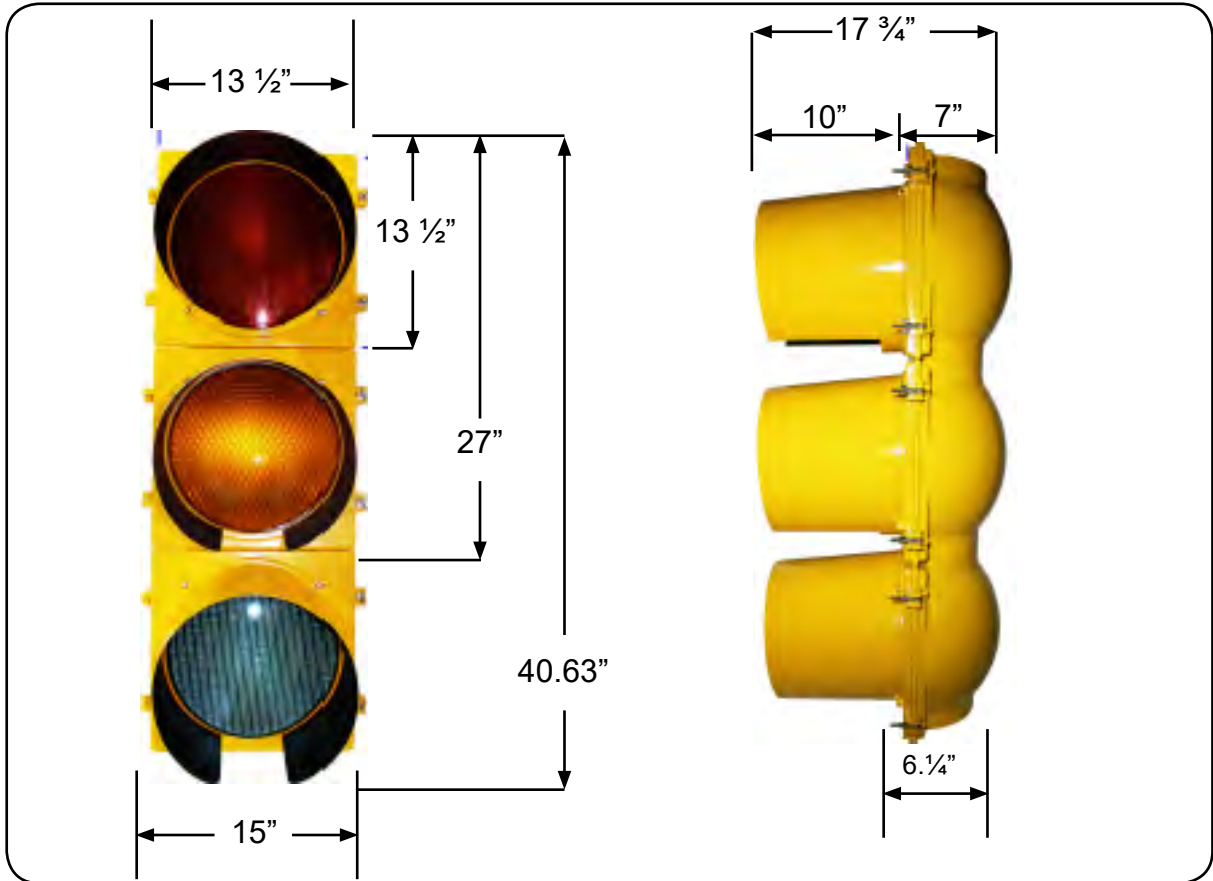
VISOR

One-piece formed aluminum unit. The removable twist-on visor is secured to the door with stainless steel hardware. Cap, tunnel, and full circle visors are available. The interior of the visor is coated with a non-reflective, matte black paint.

MOUNTING EASE

Positive Positioning and locking are achieved through the use of serrated fittings, mast arm brackets or span wire mounts.

DIMENSIONS



	Color Options		Weights		
	Gloss Black		B	Single section	
	Federal Yellow		Y	WITH VISOR	14.5 LBS
	Dark Olive Green		G	HOUSING	6 LBS
Custom		C	DOOR	2 LBS	
				RING	7 OZ

EASY ASSEMBLY-PART NUMBER KEY

E	30	POLY	Y	RYG	T	B	Y	B
Size	Orientation & Use	Housing Material	Backplate	LED's Installed	Visor Form Tunnel-T Cap-C Full-F	Body Color	Door Color	Visor Color