EAGLE®
Traffic Control Systems

SG Aluminum Traffic Signals

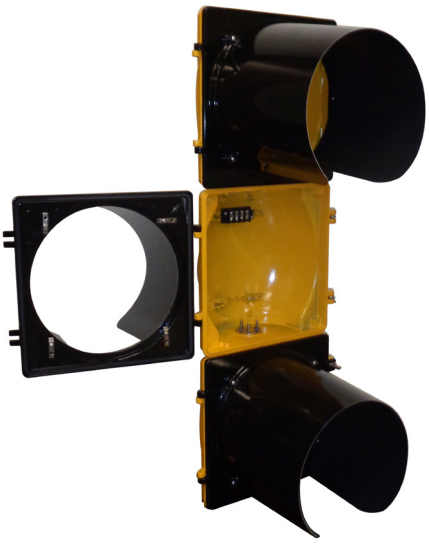
DATA SHEET



DESCRIPTION

The standard signal is composed of three die-cast aluminum LED-ready body sections containing the door and visor. The basic construction design provides minimum weight combined with maximum rigidity and strength. It meets or exceeds ITE specifications. SG Aluminum Traffic Signals are available in both 8-inch and 12-inch diameters.







FEATURES

- Housing – One piece die-cast unit with serrations in 5° increments at each end. Each housing has provisions for mounting two terminal blocks and attaching backplates. Housings may be fastened together to make multi-section signals. SG aluminum wall thickness = .125″
- 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.
- Positive Positioning – Positive positioning and locking is achieved through the use of serrated brackets, mast arm, or span wire fittings.
- Hardware – Stainless steel material inside and outside.
- Coating – Powder coated exterior and edges are standard. Powder coated interior is available as an option.

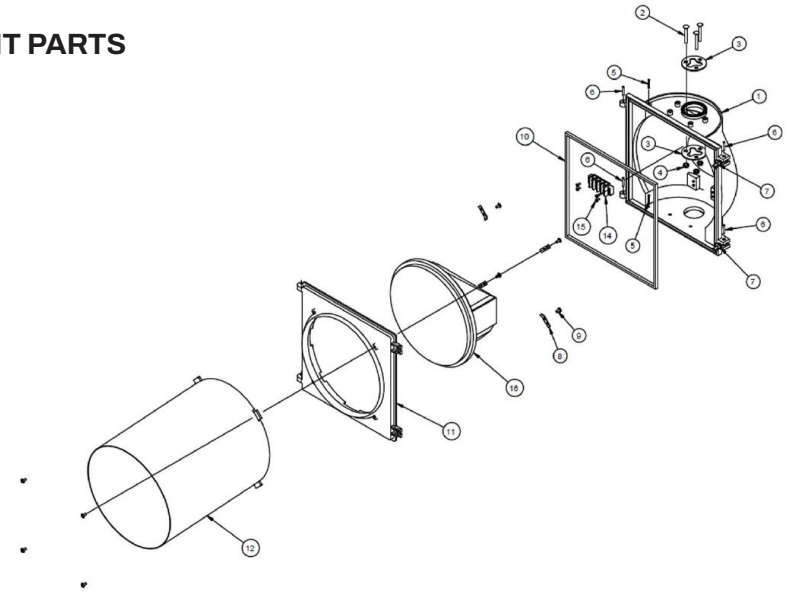
EAGLE® Traffic Control Systems

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SIGNAL REPLACEMENT PARTS



Ref. No	Description	Part Number	
		8" (200mm)	12" (300mm)
1	Signal Housing, Green	A70182001	A70182101
	Signal Housing, Yellow	A70182002	A70182102
	Signal Housing, Black	A70282003	A70182103
2	Carriage Bolt (1/4 - 20 x 1 3/4")	A701101SS	A701101SS
3	Clamping Washer	M50417	M50417
4	Hex Nut (1/4 - 20)	A143416SS	A143416SS
5	Type 2 Grove Pin, SS (8" - 3/16 x 1")	A844030	N/A
	Type 2 Grove Pin, SS (12" - 3/16 x 1 3/16")	N/A	A702181
6	Spiral Pin, SS (3/16" x 1")	A144006	A144006
7	Wingnut Eyebolt Assembly	A844263	A844263
8	Lens Clip, Generic	A844361SS	A844361SS
9	Lens Clip Screw, SS (10 - x 3/8")	A144479TF	A144479TF
10	Door Gasket	A701630	A701630
11	Signal Door Green	A84424201	A84432201
	Signal Door Yellow	A84424202	A84432202
	Signal Door Black	A84424203	A84432203
12	Visor - Tunnel Green	A852291 XX	A852307 XX
	Visor - Tunnel Yellow	A852281 XX	A852305 XX
	Visor - Tunnel Black	A852283 XX	A852319 XX
13	Visor Screw (10 - 32 x 3/8")	Al46082TF	Al46082TF
14	Terminal Block, 4 pos. Spade Type	Al82944TX	Al82944TX
	Terminal Block, 6 pos. Spade Type	PCT100TX	PCT100TX
15	Machine Screw, SS (6 - 32 x 3/4")	A16257312	A16257312

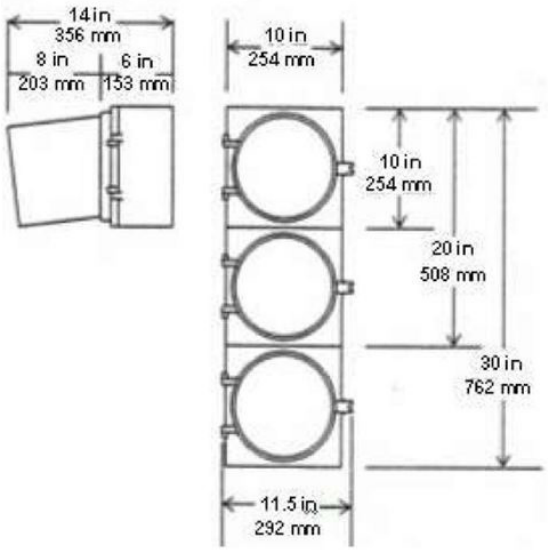
WEIGHTS

Piece	8" (200mm)	12" (300mm)
Housing	4.1 lbs (1.86 kg)	5 lbs (2.3 kg)
Door	1.15 lbs (0.52 kg)	1.8 lbs (0.81 kg)
Tunnel Visor	0.75 lbs (0.34 kg)	1.65 lbs (0.75 kg)
Cap Visor	0.55 lbs (.25 kg)	1.05 lbs (0.48 kg)
Hardware per Joined Section	0.5 lbs (.23 kg)	0.5 lbs (0.23 kg)

VISOR COLOR CODES

Number	Color
14	Flat Black
11	West Coast Green
12	Yellow
13	Gloss Black

8" (200MM) SIGNAL



12" (300MM) SIGNAL

