EAGLE®
Traffic Control Systems

SG Polycarbonate Traffic Signals

DATA SHEET



DESCRIPTION

The standard signal is composed of three polycarbonate LED-ready body sections containing the door and visor. The basic construction design provides minimum weight but maximum rigidity and strength. The housing, door and visor are injection molded of ultraviolet stabilized, pre-colored opaque polycarbonate. It meets or exceeds ITE specifications.



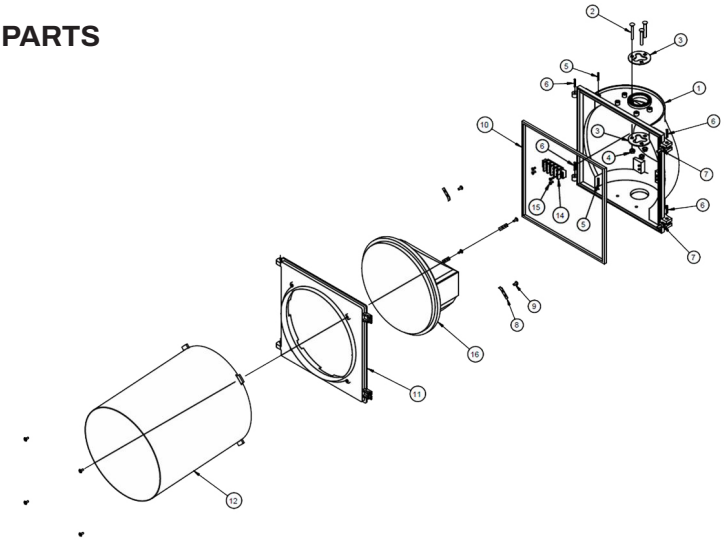




FEATURES

- Housing – One piece unit with serrations in 5º 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. The 8" and 12" housings can be intermixed to form combination signals. SG polycarbonate wall thickness = .125"
- Door – One piece polycarbonate unit equipped with stainless steel hinge pins. Stainless steel captive eyebolts and wingnuts are used to hold the door against the housing.
- Visor – 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.
- Terminal Block – All terminal blocks are composed of a sturdy polycarbonate weather resistant casing and stainless steel hardware. Terminal block is standardly installed in the yellow section of signal (second from top).
- Hardware – Stainless steel material inside and outside.

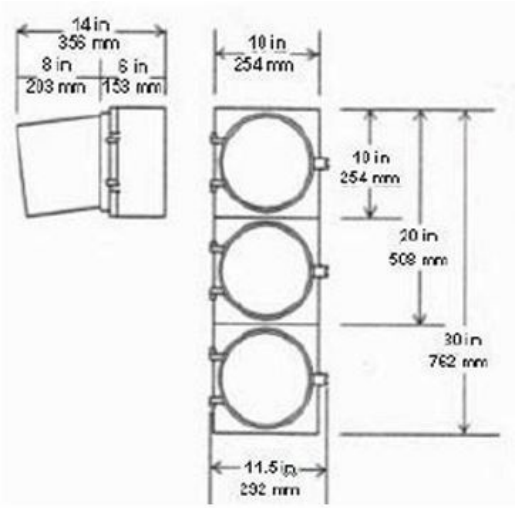
SIGNAL REPLACEMENT PARTS



Ref. No	Description	Part Number	
		8" (200mm)	12" (300mm)
1	Signal Housing, Green	A70022701	A70022901
	Signal Housing, Yellow	A70022702	A70022902
	Signal Housing, Black	A70022703	A70022903
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	Spring Pin	A701392	A701392
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")	PEX07926-001	PEX07926-001
10	Door Gasket	A701630	A701630
11	Signal Door Green	A70022801AH	A70023001AH
	Signal Door Yellow	A70022802AH	A70023002AH
	Signal Door Black	A70022803AH	A70023003AH
12	Visor - Tunnel Green	A70011905	A70012005
	Visor - Tunnel Yellow	A70011904	A70012004
	Visor - Tunnel Black	A70011903	A70012003
	Visor - Cap Green	A70046805	A70046905
	Visor - Cap Yellow	A70046804	A70046904
	Visor - Cap Black	A70046803	A70046903
13	Visor Screw (10 - 32 x 3/8")	A146082TF	A146082TF
14	Terminal Block, 4 pos. Spade Type	A182944TX	A182944TX
	Terminal Block, 6 pos. Spade Type	PCT100TX	PCT100TX

Weights	8" (200mm)	12" (300mm)
Housing	1.8 lbs (0.81 kg)	2.6 lbs (1.18 kg)
Door	0.65 lbs (0.29 kg)	1.1 lbs (0.50 kg)
Visor	0.4 oz (0.18 kg)	1.25 lbs (0.57 kg)

8" (200MM) SIGNAL DIMENSIONS



12" (300MM) SIGNAL DIMENSIONS

