

Programmable Traffic Signals

- Programmable
- Superior Visibility
- Improves Traffic Flow
- Helps Reduce Accidents



GENERAL: 12" Aluminum Traffic Signal designed for use as a means for precise lane control and high visibility. Signal section can be tilted in 2 degree increments for a maximum of 10 degree increments above and below the horizontal, while still maintaining a common vertical axis. With proper masking of the programming lens, proper lane communication can be obtained. The incandescent version of the signal head has a night time automatic dimming circuit to adjust light output according to environment lighting.

HOUSING: Diecast aluminum alloy. Each housing is cast with reinforcing ribs on all sides for extra rigidity.

DOOR: Heavy duty diecast aluminum with two integrated cast hinge lugs mounted to the housing with stainless steel hinge pins. Positive latching is achieved without the use of any special tools by stainless steel eyebolts and wingnut assemblies. A moisture proof and dust tight seal is assured with a neoprene gasket fitted to the gasket channel cast in the perimeter of the door.

LAMP SOCKET: Lamp sockets (3 prong) are manufactured for high temperatures created by the lamp. The lamp is held secured by a wire ring and a spring load clip which permits changing of the lamp with no tools. Wiring insulation conforms to conductor rating of 200° C and shall be 16 awg. Accommodates Par-56, 3 prong, 115 V incandescent lamp or LED module.

LENS: Acrylic lenses are colored to meet the latest ITE specifications. Colored lenses are bonded to Fresnel optical lens for programmability. Each lens is sealed to the door by a specially extruded EPDM gasket. The lens is held in place by four stainless lens clips and four stainless steel screws to create a moisture and dust proof seal.

OPTICAL: Programming is accomplished through the use of Fresnel lens and a smaller clear lens. By masking off the area of the small clear lens that you do not want oncoming traffic to see, lane control can be made more positive.

TERMINAL BLOCK: Each signal section will have a 5 position, barrier block with 15 quick disconnect terminals for easy socket lead assembly and 5 screw clamp terminals for field wiring.

VISORS: Accommodates all McCain 12" signal visors.

PAINTING: All interior and exterior surfaces of the housing, door, visors, and backplates shall be chemically cleaned and "powder coated" or painted to your specifications. Powder coating is a modern "dry painting" process with an exceptionally high resistance to impact and weather. The powder is applied electro-statically then melted and fused into a smooth coating, in a baking oven.

