

Class II Div. 1 and 2,
Groups C, D;
Class II, Div. 1 and 2,
Groups E, F, G;
Class III
CSA Encl. 3.

Strobe-Master Factory Sealed Strobe Light: Explosion-Proof, Dust-Ignition-Proof

Copper-Free Aluminum Strobe Light with Clear Lens† and Prismatic Glass Globe. Grey Epoxy finish.

Mounting Type	Voltage (± 20%)	Amperes	Hub Size (In.)	Catalogue Number	
	Long Bracket				
	Wall mounted, Long Bracket with four hubs and three close-up plugs.	6 volts, D.C.	4.0	1/2	AELB650DC
				3/4	AELB675DC
		12 volts, D.C.	1.5	1/2	AELB1250DC
				3/4	AELB1275DC
		24 volts, D.C.	1.0	1/2	AELB2450DC
				3/4	AELB2475DC
		32 volts, D.C.	0.8	1/2	AELB3250DC
				3/4	AELB3275DC
		36 volts, D.C.	0.8	1/2	AELB3650DC
				3/4	AELB3675DC
		48 volts, D.C.	0.6	1/2	AELB4850DC
				3/4	AELB4875DC
		72 volts, D.C.	0.6	1/2	AELB7250DC
				3/4	AELB7275DC
	120 volts, D.C.	0.3	1/2	AELB12050DC	
			3/4	AELB12075DC	
	120 volts, A.C.	0.3	1/2	AELB12050AC	
			3/4	AELB12075AC	
	240 volts, A.C.	0.2	1/2	AELB24050AC	
			3/4	AELB24075AC	
	Short Bracket				
	Wall mounted, short bracket with two hubs and one close-up plug.	6 volts, D.C.	4.0	1/2	AESB650DC
				3/4	AESB675DC
		12 volts, D.C.	1.5	1/2	AESB1250DC
				3/4	AESB1275DC
		24 volts, D.C.	1.0	1/2	AESB2450DC
				3/4	AESB2475DC
		32 volts, D.C.	0.8	1/2	AESB3250DC
				3/4	AESB3275DC
		36 volts, D.C.	0.8	1/2	AESB3650DC
				3/4	AESB3675DC
		48 volts, D.C.	0.6	1/2	AESB4850DC
				3/4	AESB4875DC
		72 volts, D.C.	0.6	1/2	AESB7250DC
				3/4	AESB7275DC
	120 volts, D.C.	0.3	1/2	AESB12050DC	
			3/4	AESB12075DC	
	120 volts, A.C.	0.3	1/2	AESB12050AC	
			3/4	AESB12075AC	
	240 volts, A.C.	0.2	1/2	AESB24050AC	
			3/4	AESB24075AC	

†To order coloured lens, see accessories on page 22.

Strobe-Master Factory Sealed Strobe Light: Explosion-Proof, Dust-Ignition-Proof

Applications

- Explosion-Proof strobe light suitable for classified locations.
- CSA approved for Class I, Div. 1 and 2, Groups B, C, D atmospheres.
- Strobe-Masters are used to visually indicate hazards.
- Strobe-Masters serve as an indicator of operating conditions on remote equipment or as a warning of impending malfunctions of pumps or machinery.
- Ideal as a warning for dangerous levels of leaking gases or vapours.
- Strobe-Masters warn of personal hazards such as impending high noise levels or hard hat areas.
- In high noise areas Strobe-Masters are used to indicate a telephone ringing.
- Explosion-Proof fork lift trucks mount Strobe-Masters.
- Marine applications include helicopter landing lights and navigation beacons in classified areas.

Features

- High intensity strobe, maximum 1,000,000 peak foot candle flash.
- High speed strobe flashes 90 times per minute. Flash tube is rated at 10,000 hours.
- Strobe-Master is provided with a clear impact and heat resistant prismatic glass globe. The inner lens is clear lexan. Coloured inner lenses are available.
- Factory sealed. External seals are not required.
- Patented "wireless" design. Threading of fixture onto head makes electrical connection. Only wiring required is attaching two wires to the connection block in the mounting hood.
- Connection block is easily wired: (a) loosen two screws, (b) make wire connections, (c) reposition connection block and tighten the two screws.
- Safe, easy servicing without disconnecting any wiring. "Wireless" fixture unit easily threads off mounting hood for convenient servicing or for immediate replacement with a "standby" unit.
- Engineered for safety. Five full threads are always engaged in an approved explosion-proof method. Safe, even if



the current is accidentally left on, because arcing, if any, is safely confined to the interior.

- All joints are flame-tight.
- Superior corrosion resistance with baked epoxy finish inside and out.
- Optional guards protect globe from damage. Secured to fixture with three screws. Choice of heavy duty wire or cast aluminum.
- Strobe-Master uses standard Appleton mounting hoods. It can be installed in place of any existing Code-Master or A-51 lighting fixture without extra re-wiring.

Standard Materials

- *Fixture units:* Copper-free cast aluminum (4/10 of 1% max.) with a spun steel shroud.
- *Pendant and stanchion mounting hoods:* Copper-free aluminum (4/10 of 1% max.).
- *Ceiling and bracket mounting hoods:* Ferrous alloy bodies with aluminum adapters.

Standard Finishes

- Baked EPOXY-CLAD finish.

Options

- Class I, Div. 1, Group B: To order add suffix **-GB**.
- Coloured inner lenses. Available in Amber (suffix **-AM**), Blue (suffix **-BL**), Green (suffix **-GR**), and Red (suffix **-RE**).
- Wire Guard: Suffix **-WG**.
- Cast Guard: Suffix **-CG**.

Compliances

- CSA approved
- Class I, Div. 1 and 2, Groups B, C, D; Class II, Div. 1 and 2, Groups E, F, G; Class III, CSA Encl. 3.

▲ Group B - to order add suffix -GB.