









Code-Master 'C' Incandescent Explosion-Proof Lighting Fixtures: Mounting Hoods, Fixture Units, Globes, Guards

Copper-free aluminum fixture with grey Epoxy finish.
Mounting Hoods in aluminum and ferrous alloy*■.

Type	Hub Size (Inches)	Catalogue Number
Mounting Hoods*■		
Pendant		
	One hub rigid or flexible mounting	1/2 3/4 1
		AEP50 AEP75 AEP100
Ceiling		
	Four hubs and three close-up plugs	1/2 3/4 1
		AEC50 AEC75 AEC100
25° Stanchion		
	One hub. Furnished with 1-1/2" to 1-1/4" reducer	1-1/2
		AEN150
Long Bracket		
	Four hubs and three close-up plugs	1/2 3/4 1
		AELB50 AELB75 AELB100
Short Bracket		
	Two hubs and one close-up plug	1/2 3/4
		AESB50 AESB75
Fixture Units■		
	60-100W A-21 150-300W A-23 & PS-25 200-300W PS-30	AE1 AE15 AE2
Prismatic Glass Globe Assembly■		
	60-100W (AE1) 150-300W (AE15) 200-300W (AE2)	AEGL-1PR AEGL-1PR AEGL-2PR
Guards■		
	60-100W (AE1) 150-300W (AE15) 200-300W (AE2)	Cast Aluminum AAGU-1■ AAGU-1■ AAGU-2■
Cast		

*Pendant and stanchion mounting hoods are copper-free aluminum. Ceiling and bracket types are ferrous alloy with aluminum adapters.

Code-Master 'C' Incandescent Lighting Fixtures: Explosion-Proof; Factory Sealed

Suitable for use in wet locations. UNILETS®.

Applications

- Code-Master Incandescent Luminaires for Class I, Div. 1 and 2; Class II, Div. 1 and 2, Class III applications.
- Ideal for use in chemical and petrochemical plants and other process areas where ignitable vapours, dusts or moisture and corrosive atmospheres may be present.
- Suitable for use in wet locations.
- Ferrous alloy Code-Master is suitable for use in mines.

Features

- All Code-Master fixtures are factory sealed — no external sealing fittings are required.
- New high temp phenolic connection block in mounting hood has rugged leaf spring contacts — loosen two screws, rotate and remove for quick wiring.
- Safe, easy servicing or relamping without disconnecting and wiring. "Wireless" fixture unit easily threads off mounting hood for convenient servicing or for immediate exchange with "Standby" unit.
- Engineered for safety — five full threads are always engaged in an approved explosion-proof method. Safe even if current is accidentally left on, because arcing, if any, is safely confined to the interior.
- All joints are flame tight.
- Wide range of wattages — 60 thru 300 watt incandescent lamps.
- Choice of units with or without guard as well as choice of porcelain or polyester reflectors.
- Choice of mountings — pendant, ceiling, stanchion, long bracket and short bracket.
- Porcelain reflectors for standard applications and fiberglass reinforced polyester reflectors for installations where fixture is subject to exceptionally severe corrosive atmospheres. High bay reflector for installations where mounting height from work plane ranges from 20 to 30 feet.
- Specially formulated two coat bakes epoxy enamel provides superior protective finish to resist corrosion. Applied to all mounting hoods, fixture units and guards.
- Porcelain shock-absorbing socket with phosphor bronze screw shell assures long trouble-free operation in high bay ambient areas.



**Class I, Div. 1 and 2,
Groups B▲, C, D.****Code-Master 'C' Incandescent Lighting
Fixtures: Explosion-Proof; Factory
Sealed**

Suitable for use in wet locations.
UNILETS® for use with Threaded Metal Conduit.

- New high temperature glass reinforced phenolic socket block in fixture unit has collector ring and pin which automatically makes electrical contact as fixture unit is threaded onto mounting hood.

- Code-Master globes are explosion-proof and heat and impact resisting glass. Prismatic configuration on globe interior provides light control while allowing smooth exterior surface for cleaning.

- Code-Masters have standardized threads to fill all A-51 and AA-51 mounting hoods.

- Code-Master 'C' offers the choice of steel wire or cast guards — provides protection to globe, easily mounts to globe ring with 3 screws.

- Code-Master 'C' is available in Ferrous alloy for use in mines.

Standard Materials

- *Fixtures:* copper-free aluminum (4/10 of 1% max.) with steel shroud.

- *Guards:* Cast guards — copper-free (4/10 of 1% max.) aluminum, wire guards — high strength steel.

- *Pendant mounting hoods:* copper-free aluminum (4/10 of 1%).

- *Ceiling and bracket mounting hoods:* ferrous alloy with aluminum adapters.

- *Reflectors:* porcelain enameled steel, Alzak aluminum or fiberglass reinforced polyester.

- *EMR Approved Code-Master:* all ferrous alloy components including mounting hoods, guards and fixtures. (No aluminum is used).

Standard Finishes

- *Fixtures, guards and mounting hoods:* epoxy-clad finish. Baked finish, applied for complete, uniform surface protection.

- *Steel reflectors:* white porcelain enamel.

- *Polyester and Alzak aluminum reflectors:* natural finish.

Options

- *Ferrous alloy fixtures for use in mines:* to order add suffix **-F**.

- *Class I, Division 1 Group B:* to order add suffix **-GB**.

Compliances

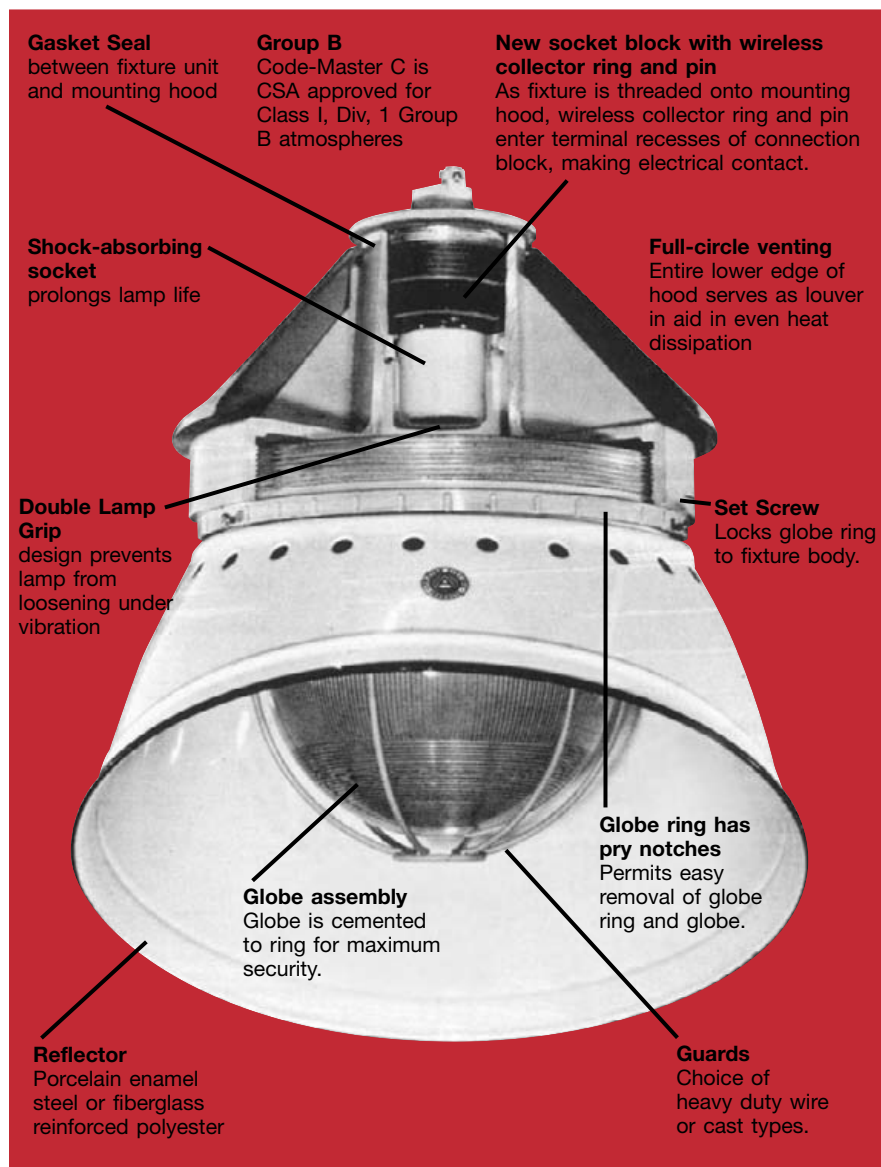
- CSA approved.

- 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.

- Appleton malleable iron products conform to ASTM A47-77, Grade 32510, which has the following properties: tensile strength, 50,000 psi; yeild, 32,000 psi; and elongation, 10%.

- Appleton aluminum products are produced from a high strength copper-free (4/10 of 1% max) alloy.

▲Group B – To order add suffix -GB



Alzak® is a proprietary term of the Aluminum Company of America.