

Code•Master™ Factory Sealed Strobe Luminaires

Explosionproof, Dust-Ignitionproof

NEC:

Class I, Division 1 and 2, Groups C, D
Class I, Division 2, Groups A, B
Class II, Division 1 and 2, Groups E, F, G
Class III
NEMA 3R, 4X

NEC:

Suitable for Wet Locations
Marine Outside Type (Saltwater)

Applications

- Code•Master Explosionproof Strobe fixtures are designed to provide safe operation in the presence of hazardous gases, vapors or dusts, defined by the National Electrical Code as Class I, Groups C and D; and Class II, Groups E, F and G.
- For use in hazardous locations such as plants where plastics, paints, thinners and petrochemicals are manufactured.
- Also used in areas where audible signals cannot be heard, to warn of unsafe conditions and for other communication needs.

Features

- Fixtures operate safely in high ambient temperatures.
- Minimum operating temperature is -25 °C (-13 °F).
- Available for fire alarm hearing impaired.
- 65 flashes per minute.
- Fixtures are complete with lamp.
- Patented “wireless” design. Threading of fixture unit onto mounting hood makes electrical connection. The only wiring required is attaching two wires to connection block in mounting hood.
- Connection block is easily wired: (a) loosen two screws, (b) make wire connections; and (c) re-position connection block.
- Safe, easy servicing without disconnecting any wiring. “Wireless” fixture unit threads off mounting hood for convenient servicing or for immediate replacement with a “stand by” unit.
- Acme double lead threads speed installation and fixture removal from mounting hood. Only half as many turns are required as for single lead threads. The threads do not stick or gall, eliminating problems often encountered with single lead threads during fixture unit removal.
- All threaded joints are flame-tight.
- Factory installed lens available in five colors: red, amber, blue, green and clear (factory installed).
- Factory sealed. External seals are not required.
- Heat- and impact-resistant globes have smooth dust-resistant exterior.
- Fixture is suitable for mounting globe up or globe down utilizing pendant, ceiling or wall bracket type mounts.
- Optional guards protect globes from damage.

Standard Materials

- Fixture housing, mounting hoods and guards: copperfree (4/10 of 1% max.) aluminum
- Globes: prismatic glass
- Screws: Stainless steel (3)

Standard Finishes

- Fixture housing, guards and mounting hoods: epoxy power coat finish, electrostatically applied for complete, uniform corrosion protection

NEC Certifications and Compliances

- UL Listed: E212210
- UL Standard: 1203
- UL Standard: 1638 Visual Signaling Appliances
- UL Standard: 1971 Visual Signaling Equipment has been investigated for fire protective signaling services to alert hearing impaired persons. This signaling equipment is intended to be used in conjunction with Listed compatible units and devices. Visual signaling equipment Listed in this category is intended to be used in the “Public Operating Mode” as defined in NFPA 72



Fixture (shown with optional guard) are suitable for mounting in any position including globe up or globe down utilizing pendant, ceiling or wall-bracket type mounts.

Appleton®

VISUAL SIGNAL: NEC/CEC EXPLOSIONPROOF

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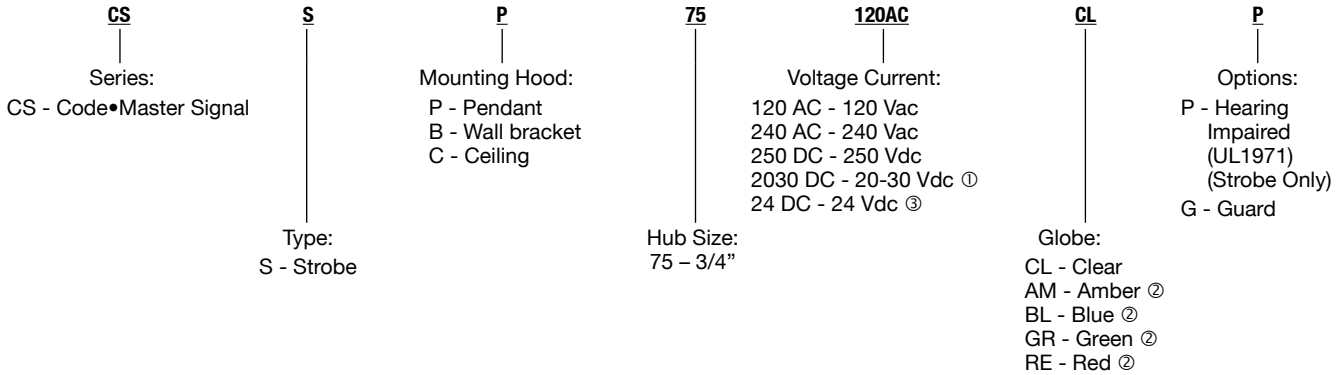
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Ordering Information

Order using catalog numbering guide below or select catalog number from tables on following pages.

Catalog Numbering Guide



Thermal Suitability of Code-Master Strobe Fixture

| Ambient Temp. °C (°F) | Class I, Division 1 and 2 Groups C and D | Class I, Division 2 Groups A and B | Class II, Division 1 and 2 Class III |
|-----------------------|--|------------------------------------|--------------------------------------|
| 40 (104) | T6 | T2B | T4A |
| 55 (131) | T6 | T2B | T4A |
| 65 (149) | T6 | T2A | T4 |

Operating Temperatures

"T" Numbers Represent the Maximum Internal Temperature for Class I, Division 2 Locations; Maximum Surface Temperature for Class I, Division 1 Locations; and Maximum Surface Temperature Under Dust Blanket for Class II, Division 1 Locations.

| "T" Number | T1 | 350 | 325 | T2 | T2A | T2B | T2C | T2D | T3 | T3A | T3B | T3C | T4 | T4A | T5 | T6 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| Temp. Range (°C) | 351-450 | 326-350 | 301-325 | 281-300 | 261-280 | 231-260 | 216-230 | 201-215 | 181-200 | 166-180 | 161-165 | 136-160 | 121-135 | 101-120 | 86-100 | 85 |
| Temp. Range (°F) | 664-842 | 619-662 | 574-617 | 538-572 | 502-536 | 448-500 | 421-446 | 394-419 | 358-392 | 331-356 | 322-329 | 277-320 | 250-275 | 214-248 | 187-212 | 185 |

NOTE: The maximum operating temperature of the fixture must not exceed the ignition temperature of the gas, vapor or dust to be encountered per the National Electrical Code.

① UL1971: Hearing-Impaired Strobe Only
 ② Not for use with UL1971 Strobe
 ③ Diode Polarized (Current limiter supplied as standard).