



AST - 4 EXPLOSION-PROOF STROBE WARNING LIGHT FACTORY SEALED, DUST-IGNITION-PROOF

COMPLIANCES:

Class I - Div. 1 and 2, Groups C,D

Class II - Div. 1 and 2, Groups E,F,G

Class III - CSA Encl. 3, Temp Code T6

*Note: Group B Available - See Ordering Information

*** New - 50°C starting and operating temperature**

Note: Performance tested to start and operate at - 50 °C



LISTED
15UD

Visual Signal Appliance, Fire Alarm for
Use in Hazardous Locations

15 - 30 VDC input - 4 wire Clear Lens Only
21 - 30 VDC Sync Input - 4 wire Clear Lens Only

APPLICATIONS:

- CSA approved for class 1 - div. 1 and 2, groups C,D atmospheres
- indicator of operating conditions on remote equipment or as a warning of impending malfunction of pumps or machinery
- to warn of personal hazards - high noise levels or hard hat areas
- marine applications include helicopter landing pad lights and navigation beacons in classified areas
- globe down mounting only

FEATURES:

- solid state power supply
- low power consumption (12 watts)
- intensity 2,000,000 candlepower (peak)
- clear impact and heat resistant prismatic glass globe with inner lens
- copper-free cast aluminum fixture with a baked epoxy finish for superior corrosion resistance
- designed for intermittent visual signalling as well as longer duration signalling applications
- flash rate - 60 flashes/minute - alternate flash rate available
- flash tube life - minimum 10 million flashes at 60 flashes/minute
- factory sealed - all joints are flame tight
- weatherproof



Made in Canada



Applied Strobe Technology Company Limited
INDUSTRIAL STROBE WARNING LIGHTS

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Operating Temperature Range

-40 C to +85 C (AST-4-S)

-50 C to +85 C (AST-4-L)

Electrical Ratings

Supply Voltage Range	Frequency	Current Range (avg)	Inrush Current (max)
90 to 130 VAC	50/60Hz	.118 A to .090 A	.250 A
220 to 250 VAC	50/60Hz	.072 A to .055 A	.220 A
10 to 30 VDC	-	.8 A to .4 A	1.30 A
50 to 60 VDC	-	.360 A to .300 A	.820 A
90 to 130VDC	-	.175A to .090 A	.250 A
220 to 250VDC	-	.070A to .055 A	.220 A
15 to 30 VDC	-	.8 A to .4 A	1.30 A
21 to 30 VDC	-	.5 A	1.30 A

Net Weight: 13.6 lbs (with PM -75)

Ordering Information

Model No	Input Voltage
AST-4- *-90-130-AC	90 - 130 VAC
AST-4- *-220-250-AC	220 - 250 VAC
AST-4- *-10-30-DC	10 - 30 VDC
AST-4- *-90-130-DC	90 - 130 VDC
AST-4- *-220-250-DC	220 - 250 VDC
AST-4- *-50-60-DC	50 - 60 VDC
AST-4- L -15-30-DC	15 - 30 VDC
AST-4- Sync -21-30-DC	21 - 30 VDC

NOTE: * - S for standard temperature range and - L for low temperature range

Lens Colors

AM	- Amber Lens
BL	- Blue Lens
RE	- Red Lens
GR	- Green Lens
CL	- Clear Lens
PU	- Purple Lens

Mounting Options

Pendant
One Hub PM-75 3/4 HUB

Ceiling
Four Hubs and three
close -up plugs CM-75 3/4 HUB

Long Bracket
Four Hubs and three
close -up plugs LBM-75 3/4 HUB

Short Bracket
Two Hubs and one
close -up plugs SBM-75 3/4 HUB

Guard

CG -Cast Guard

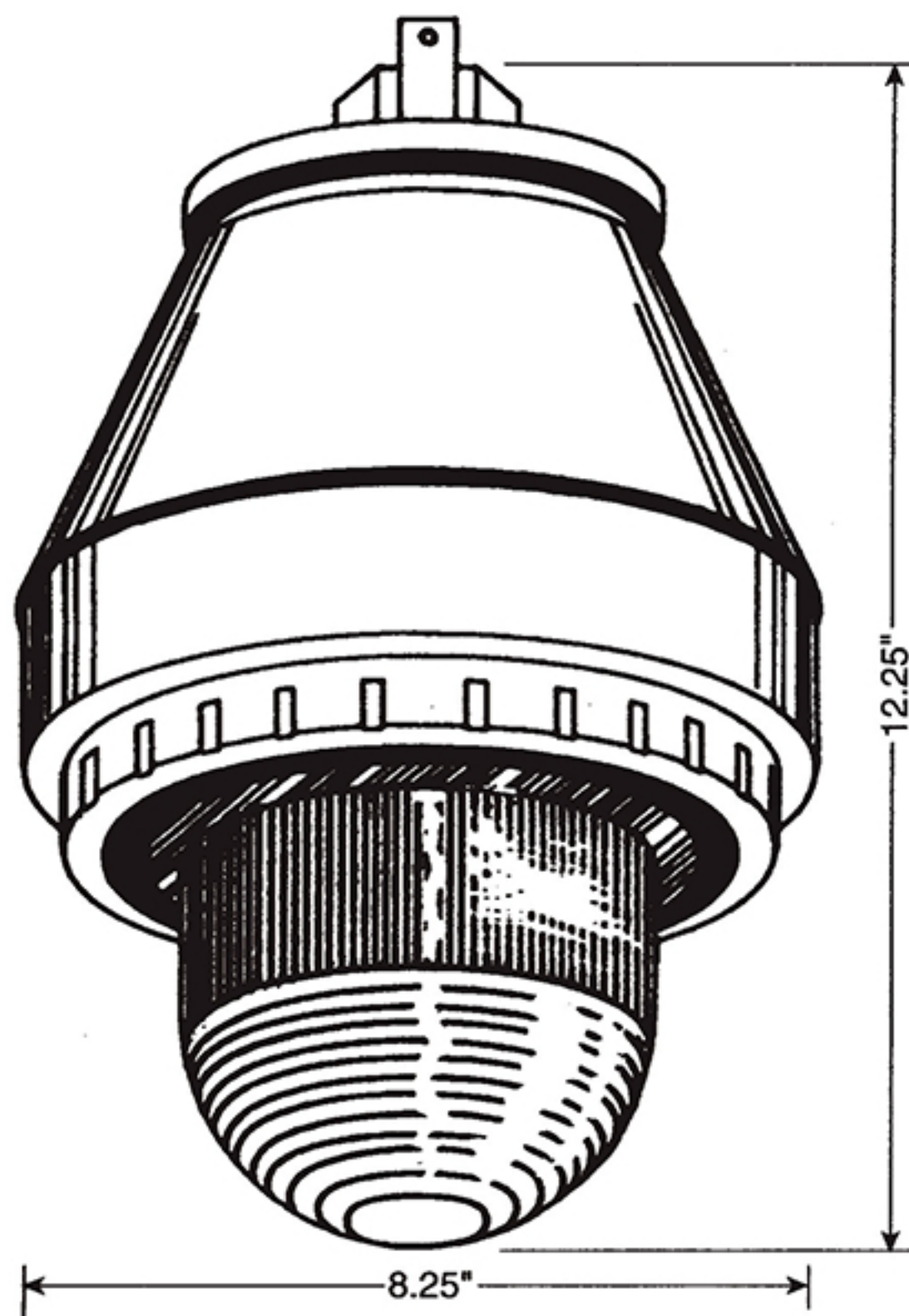
***Note:** For Group B Fixture add
-GB to the part No.

Ordering Example

AST-4-S-10-30-DC-RE-PM-75

ULC Approved

AST-4-L-15-30-DC-CL-PM-75-ULC
AST-4-Sync-21-30-DC-CL-PM-75



Replacement Parts

Circuit Board

AST-4- *-90-130-AC - Board	90 - 130 VAC	Circuit Board
AST-4- *-220-250-AC -Board	220 - 250 VAC	Circuit Board
AST-4- *-10-30-DC - Board	10 - 30 VDC	Circuit Board
AST-4- *-90-130-DC - Board	90 - 130 VDC	Circuit Board
AST-4- *-220-250-DC -Board	220 - 250 VDC	Circuit Board
AST-4- *-50-60-DC -Board	50 - 60 VDC	Circuit Board
AST-4-L-15-30-DC -Board -ULC	15 - 30 VDC	Circuit Board
AST-4-Sync-21-30-DC -Board	21 - 30 VDC	Circuit Board

NOTE: * - S for standard temperature range and - L for low temperature range

Flash Tube

AST-FT 3050 Flash Tube

Lenses

AST-4-Lens-RE	Red Lens
AST-4-Lens-AM	Amber Lens
AST-4-Lens-BL	Blue Lens
AST-4-Lens-GR	Green Lens
AST-4-Lens-CL	Clear Lens
AST-4-Lens-PU	Purple Lens

EXPLOSION PROOF STROBE