



Hazardous Location Signals Catalog

Visual and Audible Signals for
Harsh and Explosive Atmospheres



Safety: Priority 1

“With lives at stake, there
is no room for error.

In our facility, ensuring
employee safety is ALWAYS
our top priority.

That’s why when it comes
to choosing hazardous
location signaling products,
we always turn to Edwards.

It’s that simple.”



Hazardous Location Signals

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Beacons: Explosionproof Multi-Mode LED 116 Series

Features and Specifications

- Multi-mode LED (steady-on plus thirteen flash patterns)
- LED light source
- Five lens colors
- Ceiling, pendant, wall or stanchion mounting options (ordered separately)
- NEMA Type 3R, 4X and Marine Rated enclosures
- Explosionproof: Class I, Div 1, Groups C and D; Class I, Div 2, Groups A, B, C and D; Class II, Div 1 and 2, Groups E, F and G; Class III, Div 1 and 2



7.25"



NOTE: Mounting options not included (ordered separately)

Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	LED/Lens Colors	Flash Rate
Multi-mode LED	116EXMLEDA-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	Amber	Adjustable See Flash Mode Selection Table for specs, in data sheet found online.
	116EXMLEDB-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	Blue	
	116EXMLEDW-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	White/Clear ²	
	116EXMLEDG-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	Green	
	116EXMLEDR-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	Red	
	116EXMLEDA-AQ	24V AC/DC	1.18A AC 0.79A DC	Amber	Adjustable See Flash Mode Selection Table for specs, in data sheet found online.
	116EXMLEDB-AQ	24V AC/DC	1.18A AC 0.79A DC	Blue	
	116EXMLEDG-AQ	24V AC/DC	1.18A AC 0.79A DC	Green	
	116EXMLEDR-AQ	24V AC/DC	1.18A AC 0.79A DC	Red	
	116EXMLEDW-AQ	24V AC/DC	1.18A AC 0.79A DC	White/Clear ²	

¹AC voltage frequency is 50/60 Hz

²For most LED beacons, the LED color and lens color are the same. White LEDs are used with a clear inner lens for the White model.

Required Mounting Options

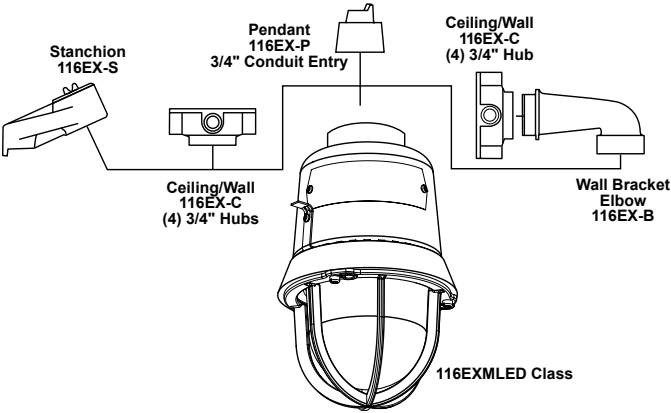
Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B¹	—
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Stanchion Mounting Module	116EX-S	1 1/4" NPT

¹Note: Wall mount requires both 116EX-B and 116EX-C.



Beacons: Explosionproof Multi-Mode LED 116 Series

Mounting Options



NOTE: 116EX-C must be used when application requires 116EX-B

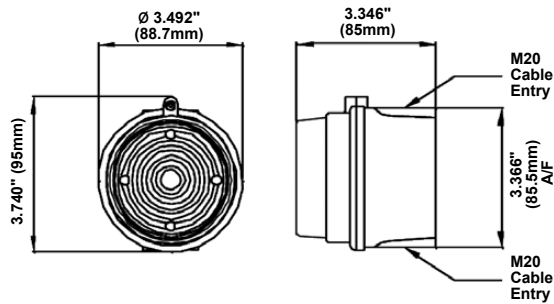
Beacons: Intrinsically Safe

Flashing LED

Klaxon Syrex Series

Features and Specifications

- LED light source
- Rated for Category 1
- ATEX approved
- II 1G EEx ia IIC T4
- ABS flame retardant UL94V0 and 5VA housing
- IP65 rated
- Flash rate 2 Hz or 1 Hz (double flash)
- Operating temperature range: -40°F to 140°F (-40°C to 60°C)



Ordering Information					
Description	New Cat. No. (Use For Ordering)	Old Cat. No.	Operating Voltage	Current	Lens Color
IS-XN Beacon	TCA-0026	17-970329	6-28V DC	0.025 A	Red
	TCA-0033	17-970337	6-28V DC	0.025 A	Amber
	TCA-0034	17-970338	6-28V DC	0.025 A	Blue
	TCA-0067	17-970339	6-28V DC	0.025 A	Green

Accessories		
Description	New Cat. No. (Use For Ordering)	Old Cat. No.
Single Channel Galvanic Isolator	TCA-0042	17-970362
Dual Channel Galvanic Isolator	TCA-0066	17-970395
IS DIN Rail Enclosure (will accept 2X isolators)	TCA-0065	17-970392



Beacons: Explosionproof Flashing Xenon 116 Series

Features and Specifications

- Xenon strobe light source
- Flash rate 65 fpm
- High impact glass dome, dome guard included
- Quick connect for easy assembly and installation
- Diode Polarized for use in electrically supervised circuits (116DEXMST-FJ Series only)
- Suitable for indoor and outdoor hazardous applications
- Bracket, ceiling, pendant or stanchion mounting options (ordered separately)
- NEMA Type 3R and 4X enclosure
- Explosionproof: Class I, Div 2, Groups A and B, Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Groups F and G



7.25"

R A M G B C

NOTE: Mounting options not included (ordered separately)

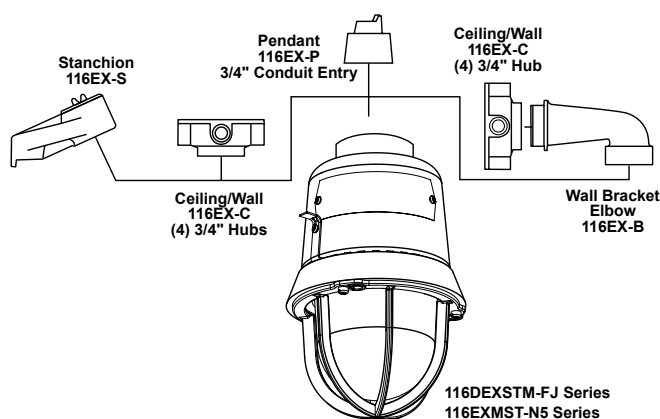
Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Colors	Peak Candela	Replacement		
						Dome	Inner Lens	Strobe Tube
Xenon Strobe AC	116EXMSTA-N5	120V AC	0.1 A	Amber	800,000	116-Globe	116-ST-LA	
	116EXMSTB-N5	120V AC	0.1 A	Blue	800,000	116-Globe	116-ST-LB	
	116EXMSTC-N5	120V AC	0.1 A	Clear	800,000	116-Globe	116-ST-LC	92-ST
	116EXMSTG-N5	120V AC	0.1 A	Green	800,000	116-Globe	116-ST-LG	3,000 hours. ²
	116EXMSTM-N5	120V AC	0.1 A	Magenta	800,000	116-Globe	116-ST-LM	
	116EXMSTR-N5	120V AC	0.1 A	Red	800,000	116-Globe	116-ST-LR	
Diode Polarized DC	116DEXMSTA-FJ	16 - 33V DC	0.95 A - 0.55 A	Amber	800,000	116-Globe	116-ST-LA	
	116DEXMSTB-FJ	16 - 33V DC	0.95 A - 0.55 A	Blue	800,000	116-Globe	116-ST-LB	
	116DEXMSTC-FJ	16 - 33V DC	0.95 A - 0.55 A	Clear	800,000	116-Globe	116-ST-LC	92-ST
	116DEXMSTG-FJ	16 - 33V DC	0.95 A - 0.55 A	Green	800,000	116-Globe	116-ST-LG	3,000 hours. ²
	116DEXMSTM-FJ	16 - 33V DC	0.95 A - 0.55 A	Magenta	800,000	116-Globe	116-ST-LM	
	116DEXMSTR-FJ	16 - 33V DC	0.95 A - 0.55 A	Red	800,000	116-Globe	116-ST-LR	

¹AC voltage frequency is 50/60 Hz

²Calculated at operating power to 75% efficiency.

Mounting Options



Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B	N/A
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Stanchion Mounting Module	116EX-S	1 1/4" NPT



Beacons: Explosionproof Flashing Xenon 116 Series

Features and Specifications

- Xenon strobe light source
- Flash rate 65 fpm
- High impact glass dome, dome guard included
- Quick connect for easy assembly and installation
- Suitable for indoor and outdoor hazardous applications
- Bracket, ceiling, pendant or stanchion mounting options (ordered separately)
- NEMA Type 3R and 4X enclosure
- Class I, Div 2, Groups A and B; Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Groups F and G



7.25"



NOTE: Mounting options not included (ordered separately)

Ordering Information

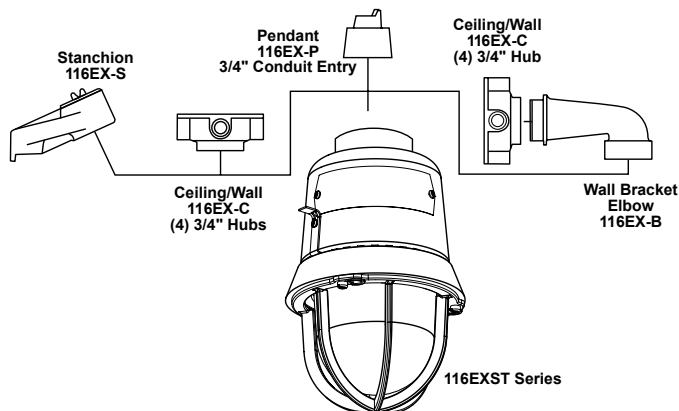
Description	Cat. No.	Operating Voltage	Current	Lens Colors	Peak Candela	Replacement		
						Dome	Inner Lens	Strobe Tube
Xenon Strobe	116EXSTA-EK	12 - 48V DC	1.2 - 0.38 A	Amber	800,000	116-Globe	116-ST-LA	92-ST 3,000 hr. ¹
	116EXSTB-EK	12 - 48V DC	1.2 - 0.38 A	Blue	800,000	116-Globe	116-ST-LB	
	116EXSTC-EK	12 - 48V DC	1.2 - 0.38 A	Clear	800,000	116-Globe	-	
	116EXSTG-EK	12 - 48V DC	1.2 - 0.38 A	Green	800,000	116-Globe	116-ST-LG	
	116EXSTM-EK	12 - 48V DC	1.2 - 0.38 A	Magenta	800,000	116-Globe	116-ST-LM	
	116EXSTR-EK	12 - 48V DC	1.2 - 0.38 A	Red	800,000	116-Globe	116-ST-LR	

¹Calculated at operating power to 75% efficiency.

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B	N/A
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Stanchion Mounting Module	116EX-S	1 1/4" NPT

Mounting Options



Beacons: Explosionproof Flashing Xenon 116 Series

Features and Specifications

- Xenon strobe light source
- Flash rate 65 fpm
- High impact glass dome, dome guard included
- Quick connect for easy assembly and installation
- Diode Polarized for use in electrically supervised circuits
- Suitable for indoor and outdoor hazardous applications
- Bracket, ceiling, pendant or stanchion mounting options (ordered separately)
- NEMA Type 3R and 4X enclosure
- UL 1971 Listed (ADA)
- Explosionproof: Class I, Div 2, Groups A and B; Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Groups F and G



NOTE: Mounting options not included (ordered separately)

Ordering Information

Description	Cat. No.	Operating Voltage	Current	Lens Colors	Candela	Replacement	
						Dome	Strobe Tube
Xenon Strobe	116DEXSTC-FJ	24V DC FWR	0.802 A (Max. DC) 1.14 A (Max. FWR)	Clear	60 ²	116-Globe	92-ST 3,000 hours. ¹

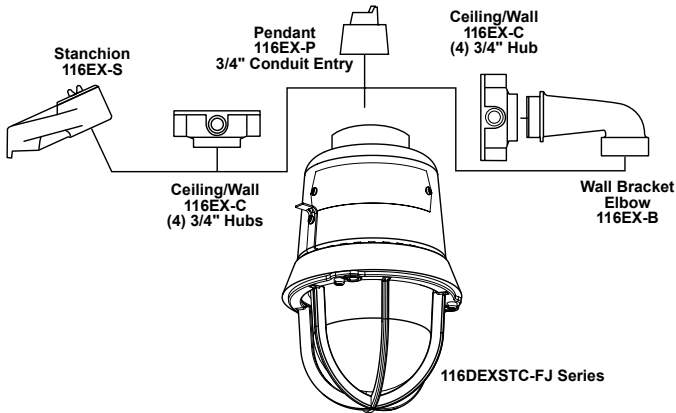
¹Calculated at operating power to 75% efficiency.
²UL1971 Fire Alarm output rating, 800,000 peak candela for non-fire alarm listing.

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B	N/A
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Stanchion Mounting Module ³	116EX-S	1 1/4" NPT

³For non-fire alarm use.

Mounting Options



3R

ENCLOSURE

4X

ENCLOSURE

Beacons: Explosionproof Fire Alarm Flashing Xenon 116 Series

Features and Specifications

- Xenon light source
- Flash rate 60 fpm
- Clear globe with dome guard
- Three mounting options: wall, ceiling, or pendant (ordered separately)
- Negligible in-rush current
- Approved for fire alarm applications
- NEMA Type 3R and 4X enclosures
- Can be synchronized when connected to a compatible Edwards control panel, booster power supply or synchronization module
- UL 1638, UL 1971 and cUL Listed
- Explosionproof: Class I, Div. 2, Groups A and B; Class I, Div. 1 and 2, Groups C and D; Class II, Div. 1, Groups E, F, G and Class III; Class II, Div. 2, Groups F, G and Class III.



NOTE: Mounting options not included (ordered separately)

Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Color	Replacement	
					Dome	Guard
Explosionproof Fire Alarm Strobe	116DEGEX-FJ	24V DC	0.540 A, DC, RMS 0.683 A, FWR, RMS	Clear	116-Globe	116-GRD

¹Regulated 16 to 33V DC/FWR.

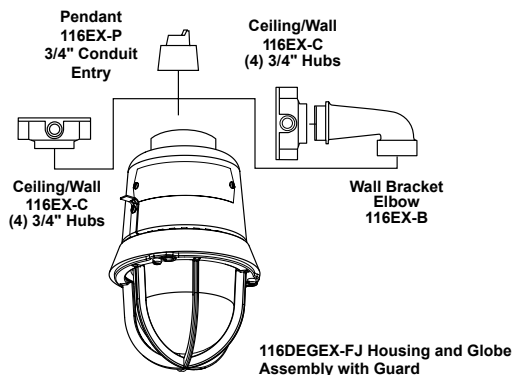
Required Mounting Options²

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B³	N/A
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Synchronization Module	EG1M-RM	—

²Mounting modules must be ordered separately.

³Note: Wall mount requires both 116EX-B and 116EX-C.

Mounting Options



NOTE: 116EX-C must be used when application requires 116EX-B



Beacons: Explosionproof Flashing Xenon 116 Series

Features and Specifications

- Xenon light source
- Clear globe with dome guard
- Five lens colors
- Flash rate 65 fpm
- Three mounting options: wall, ceiling, or pendant (ordered separately)
- Negligible in-rush current
- Can be synchronized when connected to a compatible Edwards control panel, booster power supply or synchronization module
- NEMA Type 3R and 4X enclosures
- Explosionproof: Class I, Div 1, Groups C and D; Class I, Div 2, Groups A and B; Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Groups F and G.



7.25"



NOTE: Mounting options not included (ordered separately)

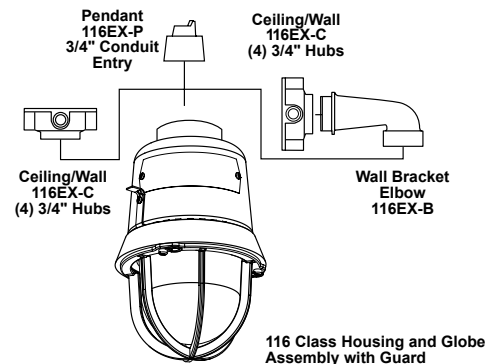
Ordering Information							
Description	Cat. No.	Operating Voltage	Current	Lens Colors	Light Output UL 1971	Replacement	
						Dome	Guard
Explosionproof Mass Notification Strobe	116DEGEXA-FJ	16-33V DC/FWR	0.540 A, DC, RMS 0.683 A, FWR, RMS	Amber	33 cd	116-Globe	116-GRD
	116DEGEXB-FJ	16-33V DC/FWR	0.540 A, DC, RMS 0.683 A, FWR, RMS	Blue	10 cd	116-Globe	116-GRD
	116DEGEXG-FJ	16-33V DC/FWR	0.540 A, DC, RMS 0.683 A, FWR, RMS	Green	19 cd	116-Globe	116-GRD
	116DEGEXM-FJ	16-33V DC/FWR	0.540 A, DC, RMS 0.683 A, FWR, RMS	Magenta	9 cd	116-Globe	116-GRD
	116DEGEXR-FJ	16-33V DC/FWR	0.540 A, DC, RMS 0.683 A, FWR, RMS	Red	6 cd	116-Globe	116-GRD

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B ¹	N/A
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT

¹Note: Wall mount requires both 116EX-B and 116EX-C.

Mounting Options



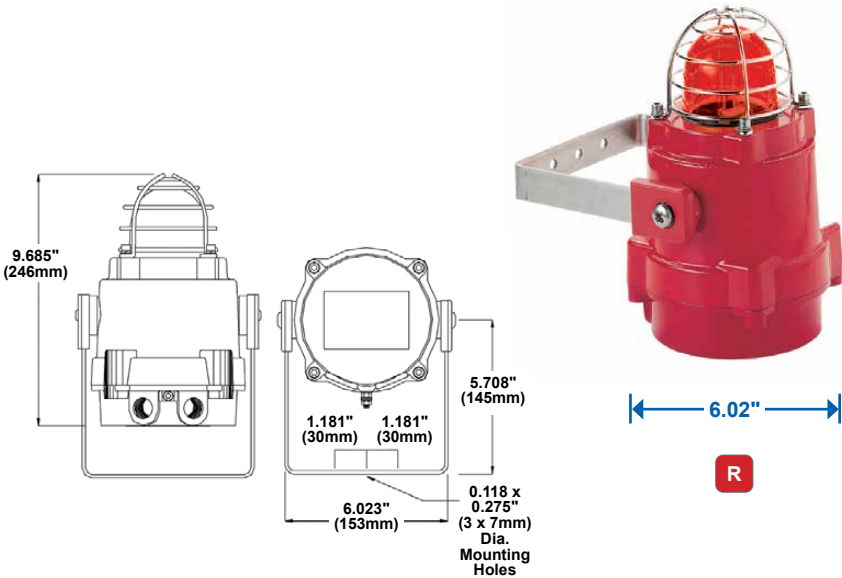
NOTE: 116EX-C must be used when application requires 116EX-B



Beacons: Explosionproof Flashing Xenon Klaxon Syrex Series

Features and Specifications

- Xenon light source
- Marine Grade LM6 aluminum construction
- Lens guard included with beacon
- IP67 rated
- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX / IECEx Approved
- II 2G Exd IIC T6
- Operating temperature range: -58°F to 104°F (-50°C to 40°C)



Ordering Information						
Description	New Cat. No. (Use For Ordering)	Old Cat. No.	Operating Voltage	Current	Lens Colors	Light Output
Exd Beacon Xenon Strobe	TCA-0068	17-970273	110V AC @ 50 Hz ¹	0.140 A	Red	5J
	TCA-0014	17-970272	230V AC @ 50 Hz ¹	0.055 A	Red	5J
	TCA-0015	17-970274	24V DC	0.300 A	Red	5J

¹AC voltage frequency is 50 Hz only.
 NOTE: AC models not for U.S. use.

AC

DC

104°F
-58°F

XENON

IP67
ENCLOSURE

EX-PROOF

HAZ-LOC

Ex

Beacons: Explosionproof Rotating Halogen 116 Series

Features and Specifications

- Halogen light source
- High impact glass dome, dome guard included
- Quick connect for easy assembly and installation
- Suitable for indoor or outdoor hazardous applications
- 75 rotations per minute
- Bracket, ceiling, pendant or stanchion mounting options (ordered separately)
- NEMA Type 3R and 4X enclosure
- Marine rated
- Explosionproof: Class I, Div 2, Groups A and B; Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Group G



NOTE: Mounting options not included (ordered separately)

Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Colors	Peak Candela	Replacement		
						Dome	Inner Lens	Lamp
Rotating Light Halogen	116EXMRINHA-N5	120V AC	0.35 A	Amber	3,328	116-Globe	116-RIN-LA	
	116EXMRINHB-N5	120V AC	0.35 A	Blue	3,328	116-Globe	116-RIN-LB	
	116EXMRINHC-N5	120V AC	0.35 A	Clear	3,328	116-Globe	116-RIN-LC	50LMP-40WH
	116EXMRINHG-N5	120V AC	0.35 A	Green	3,328	116-Globe	116-RIN-LG	25,000 hours. ²
	116EXMRINHM-N5	120V AC	0.35 A	Magenta	3,328	116-Globe	116-RIN-LM	
	116EXMRINHR-N5	120V AC	0.35 A	Red	3,328	116-Globe	116-RIN-LR	

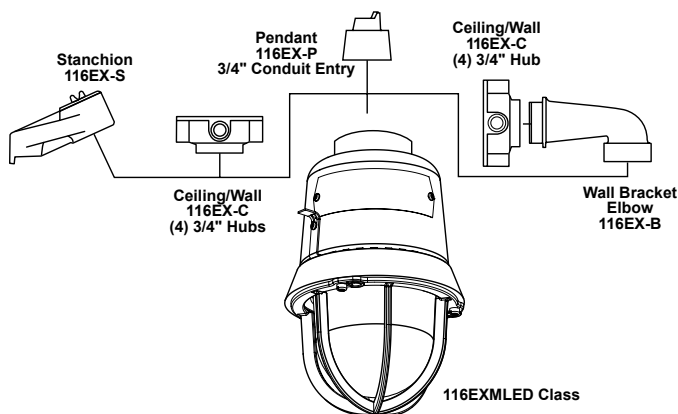
¹AC voltage frequency is 50/60 Hz

²Projected life based on manufacturer's calculated lamp life.

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B	N/A
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Stanchion Mounting Module	116EX-S	1 1/4" NPT

Mounting Options



Beacons: Explosionproof Rotating Halogen 116 Series

Features and Specifications

- Halogen light source
- High impact glass dome, dome guard included
- Quick connect for easy assembly and installation
- 75 rotations per minute
- Diode Polarized for use in electrically supervised circuits
- Suitable for indoor or outdoor hazardous applications
- Bracket, ceiling, pendant or stanchion mounting options (ordered separately)
- NEMA Type 3R and 4X enclosure
- Marine rated
- Explosionproof: Class I, Div 2, Groups A and B; Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Group G



7.25"

R A M G B C

NOTE: Mounting options not included (ordered separately)

Ordering Information

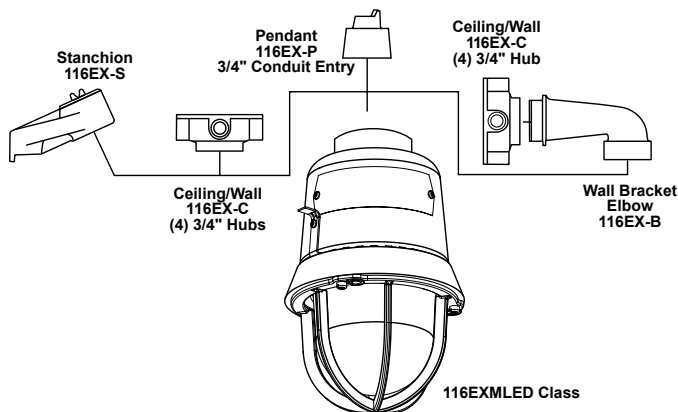
Description	Cat. No.	Operating Voltage	Current	Lens Colors	Peak Candela	Replacement		
						Dome	Inner Lens	Lamp
Rotating Light Halogen	116DEXMRINHA-GW	24 - 28V DC	0.8 A	Amber	2838	116-Globe	116-RIN-LA	
	116DEXMRINHB-GW	24 - 28V DC	0.8 A	Blue	2838	116-Globe	116-RIN-LB	
	116DEXMRINHC-GW	24 - 28V DC	0.8 A	Clear	2838	116-Globe	116-RIN-LC	50LMP-20WH
	116DEXMRINHG-GW	24 - 28V DC	0.8 A	Green	2838	116-Globe	116-RIN-LG	25,000 hours. ¹
	116DEXMRINHM-GW	24 - 28V DC	0.8 A	Magenta	2838	116-Globe	116-RIN-LM	
	116DEXMRINHR-GW	24 - 28V DC	0.8 A	Red	2838	116-Globe	116-RIN-LR	

¹Projected life based on manufacturer's calculated lamp life.

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B	N/A
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Stanchion Mounting Module	116EX-S	1 1/4" NPT

Mounting Options



Beacons: Explosionproof Steady-On Halogen 116 Series

Features and Specifications

- Halogen light source
- Cast aluminum housing with epoxy powder coat and dome guard
- Quick connect for easy assembly and installation
- Suitable for use in indoor, outdoor, hazardous and marine applications
- NEMA Type 3R and Type 4X – Marine Rated
- Diode polarized for use on supervised circuits
- Cast aluminum housing
- Pendant, ceiling, bracket or stanchion mounting options (ordered separately)
- Explosionproof: Class I, Div 2, Groups A and B; Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Group G



7.25"



NOTE: Mounting options not included (ordered separately)

Ordering Information

Description	Cat. No.	Operating Voltage	Current	Peak Candela	Lens Colors	Dome Guard	Replacement		
							Dome	Inner Lens	Lamp
Steady-on Beacon Halogen	116DEXMSINHA-GW	24 - 28V DC	0.8 A	2838	Amber	116-GRD	116-Globe	116-RIN-LA	50LMP-20WH
	116DEXMSINHB-GW	24 - 28V DC	0.8 A	2838	Blue	116-GRD	116-Globe	116-RIN-LB	20W Halogen Bulb
	116DEXMSINHC-GW	24 - 28V DC	0.8 A	2838	Clear	116-GRD	116-Globe	116-RIN-LC	25,000 hours. ¹
	116DEXMSINHG-GW	24 - 28V DC	0.8 A	2838	Green	116-GRD	116-Globe	116-RIN-LG	or Ind. Trade No. 1692 ²
	116DEXMSINHM-GW	24 - 28V DC	0.8 A	2838	Magenta	116-GRD	116-Globe	116-RIN-LM	
	116DEXMSINHR-GW	24 - 28V DC	0.8 A	2838	Red	116-GRD	116-Globe	116-RIN-LR	

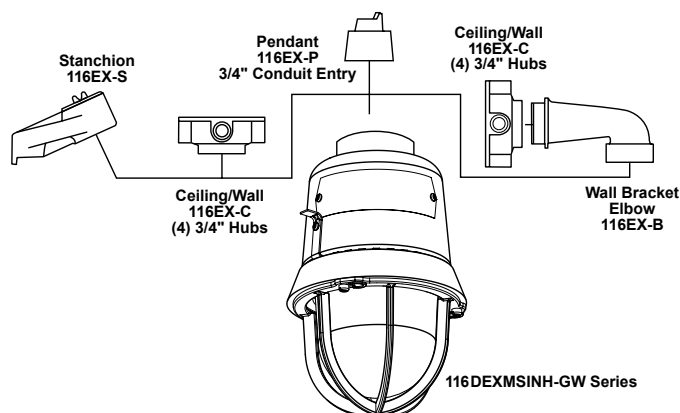
¹Projected lamp life based on manufacturer's calculated lamp life at 65 fpm and 50% duty cycle.

²Incandescent lamp, user supplied

Required Mounting Options

Description	Cat. No.
Wall Bracket Mounting Elbow	116EX-B
Ceiling/Wall Mounting Module	116EX-C
Pendant Mounting Module	116EX-P
Stanchion Mounting Module	116EX-S

Mounting Options



Beacons: Explosionproof Steady-On Halogen 116 Series

Features and Specifications

- Halogen light source
- Cast aluminum housing with epoxy powder coat and dome guard
- Quick connect for easy assembly and installation
- Suitable for use in indoor, outdoor, hazardous and marine applications
- NEMA Type 3R and Type 4X – Marine Rated
- Cast aluminum housing
- Pendant, ceiling, bracket or stanchion mounting options (ordered separately)
- Explosionproof: Class I, Div 2, Groups A and B; Class I, Div 1 and 2, Groups C and D; Class II and III, Div 1, Groups E, F and G; Class II and III, Div 2, Group G



7.25"



NOTE: Mounting options not included (ordered separately)

Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Peak Candela	Lens Colors	Replacement			
						Dome Guard	Dome	Inner Lens	Lamp
Steady-on Beacon Halogen	116EXMSINHA-N5	120V AC	0.35 A	3328	Amber	116-GRD	116-Globe	116-RIN-LA	
	116EXMSINHB-N5	120V AC	0.35 A	3328	Blue	116-GRD	116-Globe	116-RIN-LB	
	116EXMSINHC-N5	120V AC	0.35 A	3328	Clear	116-GRD	116-Globe	116-RIN-LC	50LMP-40WH
	116EXMSINHG-N5	120V AC	0.35 A	3328	Green	116-GRD	116-Globe	116-RIN-LG	25,000 hours. ²
	116EXMSINHM-N5	120V AC	0.35 A	3328	Magenta	116-GRD	116-Globe	116-RIN-LM	
	116EXMSINHR-N5	120V AC	0.35 A	3328	Red	116-GRD	116-Globe	116-RIN-LR	

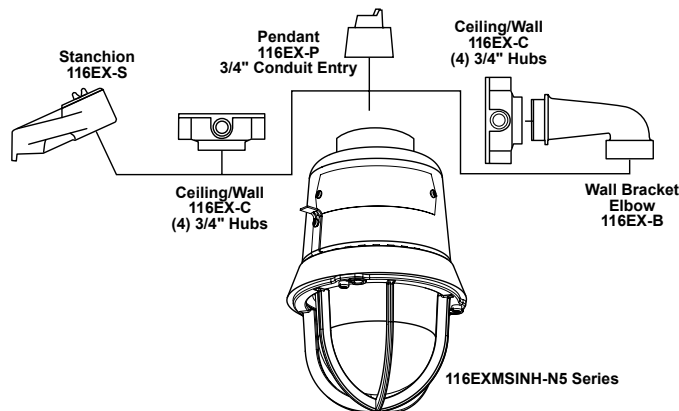
¹AC voltage frequency is 50/60 Hz

²Projected life based on manufacturer's calculated lamp life.

Required Mounting Options

Description	Cat. No.
Wall Bracket Mounting Elbow	116EX-B
Ceiling/Wall Mounting Module	116EX-C
Pendant Mounting Module	116EX-P
Stanchion Mounting Module	116EX-S

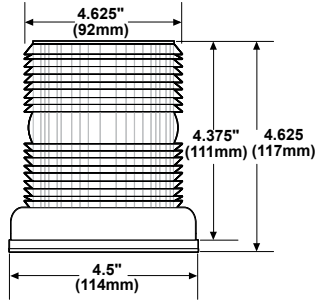
Mounting Options



Beacons
Multi-Status LED
105XBri Series

Features and Specifications

- LED light source
- Screw on, high-impact polycarbonate lens
- Gray Rynite® (PET) base
- XTRA-SAFE™ Technology¹ enables status indication for those who are color blind
- Dip switch settings for use with or without external control
- Flash rates
 - Red 240 fpm
 - Amber 120 fpm
 - Green/Blue 65 fpm
- NEMA Type 4X enclosure
- Class I, Div. 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III
- Suitable for indoor and outdoor applications
- Option for wall, surface or pipe mounting
- Optional mounting not included
- Operating temperature range: -31F° to 150°F (-35°C to 66°C)



Ordering Information

Description	Cat. No.	Operating Voltage ²	Current	LED Colors	Projected LED Life (L70) ³	Replacement Lens
Multi-status Indicator LED	105XBriRGA120A	120V AC	0.100 A	Red, Green, Amber	148,000 hours	105-LC
	105XBriRGA24D	24V DC	0.150 A	Red, Green, Amber	148,000 hours	105-LC
	105XBriRBA120A	120V AC	0.100 A	Red, Blue, Amber	148,000 hours	105-LC
	105XBriRBA24D	24V DC	0.150 A	Red, Blue, Amber	148,000 hours	105-LC

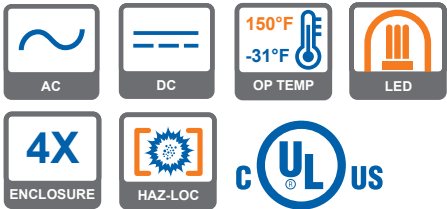
¹NOTE: See website for more information on our XTRA-SAFE Technology
²AC voltage frequency is 50/60 Hz.
³LED Manufacturer's Median Projected LED Life for LUXEON Rebel LEDs (L70 at 85°C and Tjunction 98°C). Actual LED life will vary inversely with ambient temperature, voltage, driver current, junction temperature and duty-cycle at which the signaling device is operated. Please refer to <http://www.philipslumileds.com/pdfs/WP15.pdf>.

Required Mounting Options

Description	Cat. No.
Mounting Bracket	105BM ⁴
Outlet Box Attachment	105BX
Pipe Mount Attachment	105PM

⁴Must be used with the 105BX

HAZARDOUS LOCATION SIGNALS



Beacons

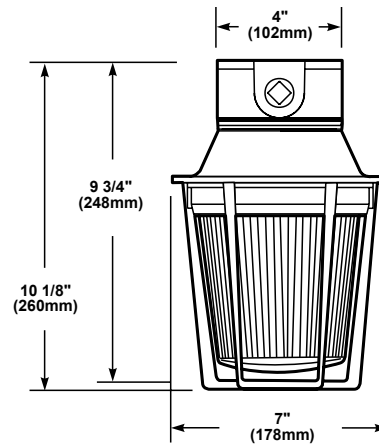
Multi-Mode LED

107XBR Series

Features and Specifications

- Multi-mode (flashing or steady-on)
- LED XTRA-BRITE™ light source
- Flash rate 65 fpm
- Five lens colors
- 3/4" NPT threaded conduit
- High level of immunity to shock and vibration
- Three mounting options: pendant, bracket or ceiling
- Bracket and Ceiling Mount: Class I, Div 2, Groups A, B, C, and D; Class II, Div 2, Groups F and G, Class III
- Pendant Mount: Class I, Div 2, Groups A, B, C, and D; Class II, Div 2, Groups F and G, Class III, Class II, Div 1, Groups E, F and G
- All 107XBR units are Marine Rated (Marine rating applies to UL listing only)

Ceiling Mounting



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Color	Median LED Life (L70) ²	Flash Rate ³	Replacement Dome
Pendant Mount AC	107XBRPMA120A	120V AC	0.115 A	Amber	148,000 hours	65 fpm	EDVPGL1HR
	107XBRPMB120A	120V AC	0.115 A	Blue	148,000 hours	65 fpm	EDVPGL1HR
	107XBRPMG120A	120V AC	0.115 A	Green	148,000 hours	65 fpm	EDVPGL1HR
	107XBRPMR120A	120V AC	0.115 A	Red	148,000 hours	65 fpm	EDVPGL1HR
	107XBRPMW120A	120V AC	0.115 A	Clear	148,000 hours	65 fpm	EDVPGL1HR
Bracket Mount AC	107XBRBMA120A	120V AC	0.115 A	Amber	148,000 hours	65 fpm	EDVPGL1HR
	107XBRBMB120A	120V AC	0.115 A	Blue	148,000 hours	65 fpm	EDVPGL1HR
	107XBRBMG120A	120V AC	0.115 A	Green	148,000 hours	65 fpm	EDVPGL1HR
	107XBRBMR120A	120V AC	0.115 A	Red	148,000 hours	65 fpm	EDVPGL1HR
	107XBRBMW120A	120V AC	0.115 A	Clear	148,000 hours	65 fpm	EDVPGL1HR
Ceiling Mount AC	107XBRCMA120A	120V AC	0.115 A	Amber	148,000 hours	65 fpm	EDVPGL1HR
	107XBRCMB120A	120V AC	0.115 A	Blue	148,000 hours	65 fpm	EDVPGL1HR
	107XBRCMG120A	120V AC	0.115 A	Green	148,000 hours	65 fpm	EDVPGL1HR
	107XBRCMR120A	120V AC	0.115 A	Red	148,000 hours	65 fpm	EDVPGL1HR
	107XBRCMW120A	120V AC	0.115 A	Clear	148,000 hours	65 fpm	EDVPGL1HR

¹AC voltage frequency is 50/60 Hz

²Based on LED manufacturer's projections. Refer to <http://www.philipslumileds.com/pdfs/WP15.pdf>

³Only if activated by third yellow wire



Beacons

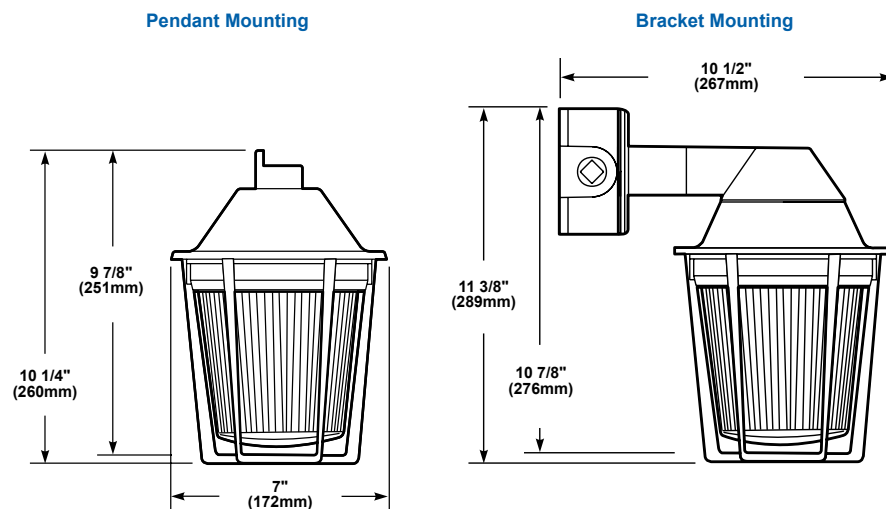
Multi-Mode LED

107XBR Series

Ordering Information		Continued				
Description	Cat. No.	Operating Voltage	Current	Lens Color	Median LED Life (L70) ¹	Flash Rate ²
Pendant Mount DC	107XBRPMA24D	24V DC	0.220 A	Amber	148,000 hours	65 fpm
	107XBRPMB24D	24V DC	0.220 A	Blue	148,000 hours	65 fpm
	107XBRPMG24D	24V DC	0.220 A	Green	148,000 hours	65 fpm
	107XBRPMR24D	24V DC	0.220 A	Red	148,000 hours	65 fpm
	107XBRPMW24D	24V DC	0.220 A	Clear	148,000 hours	65 fpm
Bracket Mount DC	107XBRBMA24D	24V DC	0.220 A	Amber	148,000 hours	65 fpm
	107XBRBMB24D	24V DC	0.220 A	Blue	148,000 hours	65 fpm
	107XBRBMG24D	24V DC	0.220 A	Green	148,000 hours	65 fpm
	107XBRBMR24D	24V DC	0.220 A	Red	148,000 hours	65 fpm
	107XBRBMW24D	24V DC	0.220 A	Clear	148,000 hours	65 fpm
Ceiling Mount DC	107XBRCMA24D	24V DC	0.220 A	Amber	148,000 hours	65 fpm
	107XBRCMB24D	24V DC	0.220 A	Blue	148,000 hours	65 fpm
	107XBRCMG24D	24V DC	0.220 A	Green	148,000 hours	65 fpm
	107XBRCMR24D	24V DC	0.220 A	Red	148,000 hours	65 fpm
	107XBRCMW24D	24V DC	0.220 A	Clear	148,000 hours	65 fpm

¹Based on LED manufacturer's projections. Refer to <http://www.philipslumileds.com/pdfs/WP15.pdf>
²Only if activated by third yellow wire

Accessories	
Description	Cat. No.
Optional Dome Guard	EDVPGU1



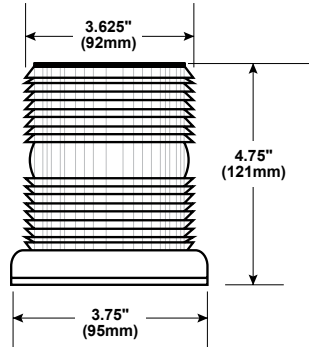
Beacons

Multi-Mode LED

105XBR Series

Features and Specifications

- Multi-mode (flashing or steady-on)
- LED light source
- Flash rate 65 fpm
- Gray Rynite® (PET) base
- Option for panel, conduit or wall mounting
- NEMA Type 4X enclosure
- UL Listed for Marine applications
- Class I, Div 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III
- Operating temperature range: -31°F to 150°F (-35°C to 66°C)



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	LED Colors	Projected LED Life (L70) ²	Replacement Lens
LED Multi-mode AC	105XBRMA120A	120V AC	0.108 A	Amber	148,000 hours	105-LA
	105XBMRB120A	120V AC	0.108 A	Blue	148,000 hours	105-LB
	105XBRMG120A	120V AC	0.108 A	Green	148,000 hours	105-LG
	105XBMRM120A	120V AC	0.108 A	Red	148,000 hours	105-LR
	105XBMRW120A	120V AC	0.108 A	White	148,000 hours	105-LC
LED Multi-mode DC	105XBRMA24D	24V DC	0.215 A	Amber	148,000 hours	105-LA
	105XBMRB24D	24V DC	0.215 A	Blue	148,000 hours	105-LB
	105XBRMG24D	24V DC	0.215 A	Green	148,000 hours	105-LG
	105XBMRM24D	24V DC	0.215 A	Red	148,000 hours	105-LR
	105XBMRW24D	24V DC	0.215 A	White	148,000 hours	105-LC

¹AC voltage frequency is 50/60 Hz

²LED Manufacturer's Median Projected LED Life for LUXEON Rebel LEDs (L70 at 85°C and T_{junction} 98°C). Actual LED life will vary inversely with ambient temperature, voltage, driver current, junction temperature and duty-cycle at which the signaling device is operated. Please refer to <http://www.philipslumileds.com/pdfs/WP15.pdf>.

Required Mounting Options

Description	Cat. No.
Mounting Bracket	105BM³
Outlet Box Attachment	105BX
Pipe Mount Attachment	105PM

³Must be used with the 105BX



Beacons

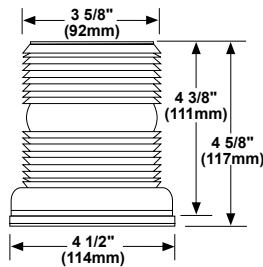
Flashing Xenon

105 Series

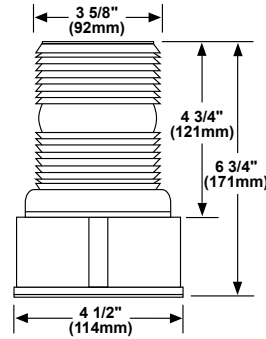
Features and Specifications

- Xenon strobe light source
- Flash rate 65 fpm
- Shatter-resistant double fresnel polycarbonate lens
- Gray Rynite® (PET) base with brass hardware
- Suitable for indoor, outdoor and marine applications
- For outdoor use, lens should face up
- Option for panel, conduit or wall mounting
- NEMA Type 4X enclosure
- Class I, Div 2, Groups A, B, C and D;
Class II, Div 2, Groups F and G; Class III

Cat. No's. 105ST



Cat. No's. 105HIST, 105DHIST



Ordering Information

Description	Cat. No.	Operating Voltage	Current	Lens Colors	Peak Candela	Replacement	
						Lens	Strobe Tube
Xenon Strobe 3 Joule	105STA-N5	120V AC	0.1 A	Amber	300,000	105-LA	91B-ST 3,000 hours ¹
	105STB-N5	120V AC	0.1 A	Blue	300,000	105-LB	
	105STC-N5	120V AC	0.1 A	Clear	300,000	105-LC	
	105STG-N5	120V AC	0.1 A	Green	300,000	105-LG	
	105STM-N5	120V AC	0.1 A	Magenta	300,000	105-LM	
	105STR-N5	120V AC	0.1 A	Red	300,000	105-LR	
	105STA-R5	240V AC	0.02 A	Amber	300,000	105-LA	91B-ST 3,000 hours ¹
	105STB-R5	240V AC	0.02 A	Blue	300,000	105-LB	
	105STC-R5	240V AC	0.02 A	Clear	300,000	105-LC	
	105STG-R5	240V AC	0.02 A	Green	300,000	105-LG	
	105STM-R5	240V AC	0.02 A	Magenta	300,000	105-LM	
	105STR-R5	240V AC	0.02 A	Red	300,000	105-LR	
	105STA-G1	24V DC	0.3 A	Amber	300,000	105-LA	91B-ST 3,000 hours ¹
	105STB-G1	24V DC	0.3 A	Blue	300,000	105-LB	
	105STC-G1	24V DC	0.3 A	Clear	300,000	105-LC	
	105STG-G1	24V DC	0.3 A	Green	300,000	105-LG	
	105STM-G1	24V DC	0.3 A	Magenta	300,000	105-LM	
	105STR-G1	24V DC	0.3 A	Red	300,000	105-LR	
High Intensity 8 Joule Strobe	105HISTA-EK	12-48V DC	0.8 A @ 24V	Amber	800,000	105H-LA	92-ST 3,000 hours ¹
	105HISTB-EK	12-48V DC	0.8 A @ 24V	Blue	800,000	105H-LB	
	105HISTC-EK	12-48V DC	0.8 A @ 24V	Clear	800,000	105H-LC	
	105HISTG-EK	12-48V DC	0.8 A @ 24V	Green	800,000	105H-LG	
	105HISTM-EK	12-48V DC	0.8 A @ 24V	Magenta	800,000	105H-LM	
	105HISTR-EK	12-48V DC	0.8 A @ 24V	Red	800,000	105H-LR	
	105HISTA-N5	120V AC	0.1 A	Amber	800,000	105H-LA	92-ST 3,000 hours ¹
	105HISTB-N5	120V AC	0.1 A	Blue	800,000	105H-LB	
	105HISTC-N5	120V AC	0.1 A	Clear	800,000	105H-LC	
	105HISTG-N5	120V AC	0.1 A	Green	800,000	105H-LG	
	105HISTM-N5	120V AC	0.1 A	Magenta	800,000	105H-LM	
	105HISTR-N5	120V AC	0.1 A	Red	800,000	105H-LR	

¹Strobe tube life at operating power to 75% efficiency.



Beacons

Flashing Xenon

105 Series

Ordering Information		Continued					
Description	Cat. No.	Operating Voltage	Current	Lens Colors	Peak Candela	Replacement	
						Lens	Strobe Tube
High Intensity 8 Joule Strobe (continued)	105HISTA-R5	240V AC	0.05 A	Amber	800,000	105H-LA	92-ST 3,000 hours ¹
	105HISTB-R5	240V AC	0.05 A	Blue	300,000	105H-LB	
	105HISTC-R5	240V AC	0.05 A	Clear	300,000	105H-LC	
	105HISTG-R5	240V AC	0.05 A	Green	300,000	105H-LG	
	105HISTM-R5	240V AC	0.05 A	Magenta	300,000	105H-LM	
	105HISTR-R5	240V AC	0.05 A	Red	300,000	105H-LR	
	105DHISTA-FJ	20-30V DC	1.08 - 0.83 A	Amber	800,000	105H-LA	92-ST 3,000 hours ¹
	105DHISTB-FJ	20-30V DC	1.08 - 0.83 A	Blue	300,000	105H-LB	
	105DHISTG-FJ	20-30V DC	1.08 - 0.83 A	Green	300,000	105H-LG	
	105DHISTM-FJ	20-30V DC	1.08 - 0.83 A	Magenta	300,000	105H-LM	
	105DHISTR-FJ	20-30V DC	1.08 - 0.83 A	Red	300,000	105H-LR	
Fire Alarm (UL 1971) 8 Joule Strobe	105DHISTC-FJ	20-30V DC	1.08 - 0.83 A	Clear	26 cd wall (dome out) 24 cd wall (dome down) 26 cd ceiling	105H-LC	92-ST

¹Strobe tube life at operating power to 75% efficiency.

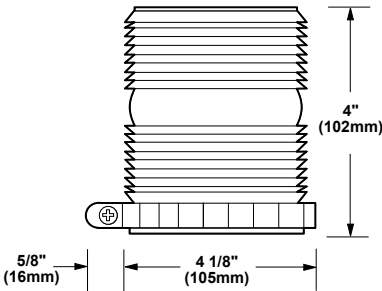
Required Mounting Options	
Description	Cat. No.
Wall Mount Bracket	105BM²
Outlet Box Attachment	105BX
Pipe Mount Attachment	105PM

²Must be used with the 105BX

Beacons
Flashing Xenon
96 Series

Features and Specifications

- Xenon strobe light source
- Flash rate 65 fpm
- Optically designed fresnel lenses
- Resistant to shock and vibration
- Suitable for indoor and outdoor applications
- For outdoor use, lens should face up
- NEMA Type 4X enclosure
- Class I, Div 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III
- Option for panel or conduit mounting
- Operating temperature range: -31°F to 150°F (-35°C to 66°C)



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Colors	Peak Candela	Replacement	
						Lens	Strobe Tube
Xenon Strobe	96DV2A-N5	120V AC	0.03 A	Amber	300,000	96-LA	91B-ST 3,000 hour ²
	96DV2B-N5	120V AC	0.03 A	Blue	300,000	96-LB	
	96DV2C-N5	120V AC	0.03 A	Clear	300,000	96-LC	
	96DV2G-N5	120V AC	0.03 A	Green	300,000	96-LG	
	96DV2M-N5	120V AC	0.03 A	Magenta	300,000	96-LM	
	96DV2R-N5	120V AC	0.03 A	Red	300,000	96-LR	

¹AC voltage frequency is 50/60 Hz
²Calculated at operating power to 75% efficiency.

HAZARDOUS LOCATION SIGNALS

AC

150°F
-31°F
OP TEMP

XENON

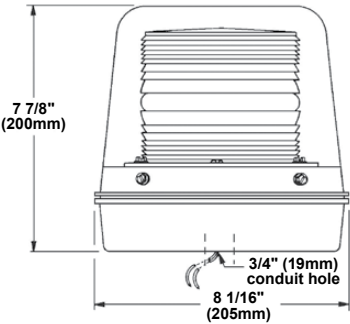
4X
ENCLOSURE

HAZ-LOC

Beacons
Flashing Xenon
94 Series

Features and Specifications

- Xenon strobe light source
- Cast base can function as a junction box
- Optically designed fresnel lenses
- Suitable for indoor and outdoor applications
- For outdoor use, lens should face up
- Conduit mounting
- NEMA Type 4X enclosure
- Class I, Div 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III, (94DV2 and 94DDV2)



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Colors	Flash Rate	Peak Candela	Replacement		
							Lens	Dome	Strobe Tube
Xenon Strobe Haz Loc AC	94DV2A-N5	120V AC	0.1 A	Amber	65 fpm	800,000	93-LA	94DV2-DC	92-ST 3,000 hour ²
	94DV2B-N5	120V AC	0.1 A	Blue	65 fpm	800,000	93-LB		
	94DV2C-N5	120V AC	0.1 A	Clear	65 fpm	800,000	93-LC		
	94DV2G-N5	120V AC	0.1 A	Green	65 fpm	800,000	93-LG		
	94DV2M-N5	120V AC	0.1 A	Magenta	65 fpm	800,000	93-LM		
	94DV2R-N5	120V AC	0.1 A	Red	65 fpm	800,000	93-LR		
Xenon Strobe Haz Loc DC Diode Polarized	94DDV2A-G1	24V DC	1.2 A	Amber	65 fpm	800,000	93-LA	94DV2-DC	92-ST 3,000 hour ²
	94DDV2B-G1	24V DC	1.2 A	Blue	65 fpm	800,000	93-LB		
	94DDV2C-G1	24V DC	1.2 A	Clear	65 fpm	800,000	93-LC		
	94DDV2G-G1	24V DC	1.2 A	Green	65 fpm	800,000	93-LG		
	94DDV2M-G1	24V DC	1.2 A	Magenta	65 fpm	800,000	93-LM		
	94DDV2R-G1	24V DC	1.2 A	Red	65 fpm	800,000	93-LR		

¹AC voltage frequency is 50/60 Hz
²Calculated at operating power to 75% efficiency.



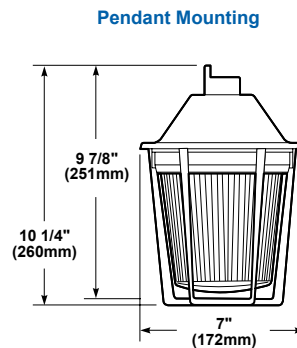
Beacons

Flashing Xenon

107 Series

Features and Specifications

- Xenon strobe light source
- Flash rate 65 fpm
- High impact glass dome
- Dome Guard (Optional)
- NEMA Type 3R and 4X enclosure
- Suitable for indoor, outdoor and marine applications (Only N5, R5 and S1 are Marine Rated)
- Option for bracket, ceiling or pendant mount
- Bracket and Ceiling Mount: Class I, Div 2, Groups A, B, C, and D; Class II, Div 2, Groups F and G, Class III
- Pendant Mount: Class I, Div 2, Groups A, B, C, and D; Class II, Div 2, Groups F and G, Class III, Class II, Div 1, Groups E, F and G



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Color	Peak Candela	Replacement		
						Inner Lens	Dome	Strobe Tube
Bracket Mount AC	107DV2BSTA-N5	120V AC	0.1 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2BSTB-N5	120V AC	0.1 A	Blue	800,000	96-LB		
	107DV2BSTC-N5	120V AC	0.1 A	Clear	800,000	96-LC		
	107DV2BSTG-N5	120V AC	0.1 A	Green	800,000	96-LG		
	107DV2BSTM-N5	120V AC	0.1 A	Magenta	800,000	96-LM		
	107DV2BSTR-N5	120V AC	0.1 A	Red	800,000	96-LR		
	107DV2BSTA-R5	240V AC	0.05 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2BSTB-R5	240V AC	0.05 A	Blue	800,000	96-LB		
	107DV2BSTC-R5	240V AC	0.05 A	Clear	800,000	96-LC		
	107DV2BSTG-R5	240V AC	0.05 A	Green	800,000	96-LG		
	107DV2BSTM-R5	240V AC	0.05 A	Magenta	800,000	96-LM		
	107DV2BSTR-R5	240V AC	0.05 A	Red	800,000	96-LR		
Bracket Mount DC	107DV2BSTA-EK	12 - 48V DC	1.2 A - 0.38 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2BSTB-EK	12 - 48V DC	1.2 A - 0.38 A	Blue	800,000	96-LB		
	107DV2BSTC-EK	12 - 48V DC	1.2 A - 0.38 A	Clear	800,000	96-LC		
	107DV2BSTG-EK	12 - 48V DC	1.2 A - 0.38 A	Green	800,000	96-LG		
	107DV2BSTM-EK	12 - 48V DC	1.2 A - 0.38 A	Magenta	800,000	96-LM		
	107DV2BSTR-EK	12 - 48V DC	1.2 A - 0.38 A	Red	800,000	96-LR		
	107DV2BSTA-S1	250V DC	0.1 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2BSTB-S1	250V DC	0.1 A	Blue	800,000	96-LB		
	107DV2BSTC-S1	250V DC	0.1 A	Clear	800,000	96-LC		
	107DV2BSTG-S1	250V DC	0.1 A	Green	800,000	96-LG		
	107DV2BSTM-S1	250V DC	0.1 A	Magenta	800,000	96-LM		
	107DV2BSTR-S1	250V DC	0.1 A	Red	800,000	96-LR		

¹AC voltage frequency is 60 Hz

²Calculated at operating power to 75% efficiency.



Beacons

Flashing Xenon

107 Series

Ordering Information	Continued							
Description	Cat. No.	Operating Voltage ¹	Current	Lens Color	Peak Candela	Replacement		
						Inner Lens	Dome	Strobe Tube
Ceiling Mount AC	107DV2CSTA-N5	120V AC	0.1 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2CSTB-N5	120V AC	0.1 A	Blue	800,000	96-LB		
	107DV2CSTC-N5	120V AC	0.1 A	Clear	800,000	96-LC		
	107DV2CSTG-N5	120V AC	0.1 A	Green	800,000	96-LG		
	107DV2CSTM-N5	120V AC	0.1 A	Magenta	800,000	96-LM		
	107DV2CSTR-N5	120V AC	0.1 A	Red	800,000	96-LR		
	107DV2CSTA-R5	240V AC	0.05 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2CSTB-R5	240V AC	0.05 A	Blue	800,000	96-LB		
	107DV2CSTC-R5	240V AC	0.05 A	Clear	800,000	96-LC		
	107DV2CSTG-R5	240V AC	0.05 A	Green	800,000	96-LG		
	107DV2CSTM-R5	240V AC	0.05 A	Magenta	800,000	96-LM		
	107DV2CSTR-R5	240V AC	0.05 A	Red	800,000	96-LR		
Ceiling Mount DC	107DV2CSTA-EK	12 - 48V DC	1.2 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2CSTB-EK	12 - 48V DC	1.2 A	Blue	800,000	96-LB		
	107DV2CSTC-EK	12 - 48V DC	1.2 A	Clear	800,000	96-LC		
	107DV2CSTG-EK	12 - 48V DC	1.2 A	Green	800,000	96-LG		
	107DV2CSTM-EK	12 - 48V DC	1.2 A	Magenta	800,000	96-LM		
	107DV2CSTR-EK	12 - 48V DC	1.2 A	Red	800,000	96-LR		
	107DV2CSTA-S1	250V DC	0.1 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2CSTB-S1	250V DC	0.1 A	Blue	800,000	96-LB		
	107DV2CSTC-S1	250V DC	0.1 A	Clear	800,000	96-LC		
	107DV2CSTG-S1	250V DC	0.1 A	Green	800,000	96-LG		
	107DV2CSTM-S1	250V DC	0.1 A	Magenta	800,000	96-LM		
	107DV2CSTR-S1	250V DC	0.1 A	Red	800,000	96-LR		
Pendant Mount AC	107DV2PSTA-N5	120V AC	0.1 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2PSTB-N5	120V AC	0.1 A	Blue	800,000	96-LB		
	107DV2PSTC-N5	120V AC	0.1 A	Clear	800,000	96-LC		
	107DV2PSTG-N5	120V AC	0.1 A	Green	800,000	96-LG		
	107DV2PSTM-N5	120V AC	0.1 A	Magenta	800,000	96-LM		
	107DV2PSTR-N5	120V AC	0.1 A	Red	800,000	96-LR		
	107DV2PSTA-R5	240V AC	0.05 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2PSTB-R5	240V AC	0.05 A	Blue	800,000	96-LB		
	107DV2PSTC-R5	240V AC	0.05 A	Clear	800,000	96-LC		
	107DV2PSTG-R5	240V AC	0.05 A	Green	800,000	96-LG		
	107DV2PSTM-R5	240V AC	0.05 A	Magenta	800,000	96-LM		
	107DV2PSTR-R5	240V AC	0.05 A	Red	800,000	96-LR		
Pendant Mount DC	107DV2PSTA-EK	12 - 48V DC	1.2 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2PSTB-EK	12 - 48V DC	1.2 A	Blue	800,000	96-LB		
	107DV2PSTC-EK	12 - 48V DC	1.2 A	Clear	800,000	96-LC		
	107DV2PSTG-EK	12 - 48V DC	1.2 A	Green	800,000	96-LG		
	107DV2PSTM-EK	12 - 48V DC	1.2 A	Magenta	800,000	96-LM		
	107DV2PSTR-EK	12 - 48V DC	1.2 A	Red	800,000	96-LR		
	107DV2PSTA-S1	250V DC	0.1 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ²
	107DV2PSTB-S1	250V DC	0.1 A	Blue	800,000	96-LB		
	107DV2PSTC-S1	250V DC	0.1 A	Clear	800,000	96-LC		
	107DV2PSTG-S1	250V DC	0.1 A	Green	800,000	96-LG		
	107DV2PSTM-S1	250V DC	0.1 A	Magenta	800,000	96-LM		
	107DV2PSTR-S1	250V DC	0.1 A	Red	800,000	96-LR		

¹AC voltage frequency is 60 Hz

²Calculated at operating power to 75% efficiency.

Beacons

Flashing Xenon

107 Series

Ordering Information		Continued						
Description	Cat. No.	Operating Voltage	Current	Lens Colors	Peak Candela	Replacement		
						Inner Lens	Dome	Strobe Tube
Diode Polarized Bracket Mount	107DDV2BSTA-G1	24V DC	1.4 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ¹
	107DDV2BSTB-G1	24V DC	1.4 A	Blue	800,000	96-LB		
	107DDV2BSTC-G1	24V DC	1.4 A	Clear	800,000	96-LC		
	107DDV2BSTG-G1	24V DC	1.4 A	Green	800,000	96-LG		
	107DDV2BSTM-G1	24V DC	1.4 A	Magenta	800,000	96-LM		
	107DDV2BSTR-G1	24V DC	1.4 A	Red	800,000	96-LR		
Diode Polarized Ceiling Mount	107DDV2CSTA-G1	24V DC	1.4 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ¹
	107DDV2CSTB-G1	24V DC	1.4 A	Blue	800,000	96-LB		
	107DDV2CSTC-G1	24V DC	1.4 A	Clear	800,000	96-LC		
	107DDV2CSTG-G1	24V DC	1.4 A	Green	800,000	96-LG		
	107DDV2CSTM-G1	24V DC	1.4 A	Magenta	800,000	96-LM		
	107DDV2CSTR-G1	24V DC	1.4 A	Red	800,000	96-LR		
Diode Polarized Pendant Mount	107DDV2PSTA-G1	24V DC	1.4 A	Amber	800,000	96-LA	EDVPGL1HR	92-ST 3,000 hr. ¹
	107DDV2PSTB-G1	24V DC	1.4 A	Blue	800,000	96-LB		
	107DDV2PSTC-G1	24V DC	1.4 A	Clear	800,000	96-LC		
	107DDV2PSTG-G1	24V DC	1.4 A	Green	800,000	96-LG		
	107DDV2PSTM-G1	24V DC	1.4 A	Magenta	800,000	96-LM		
	107DDV2PSTR-G1	24V DC	1.4 A	Red	800,000	96-LR		

¹Calculated at operating power to 75% efficiency.

Accessories	
Description	Cat. No.
Optional Dome Guard	EDVPGU1

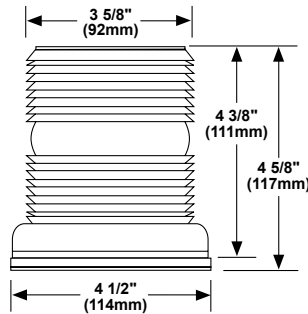
Beacons

Steady-On Halogen

105 Series

Features and Specifications

- Halogen light source
- Shatter-resistant double fresnel polycarbonate lens
- Gray Rynite® (PET) base with brass hardware
- Suitable for use in indoor, outdoor and marine applications
- NEMA Type 4X and Marine rated
- Option for panel, conduit or wall mounting
- Class 1, Div 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III



Ordering Information

Description	Cat. No.	Operating Voltage	Current	Lens Color	Peak Candela	Lamp Ratings	Replacement	
							Lens	Lamp
Steady-on Beacon Halogen - AC	105SINHA-G5	24V AC	0.8 A	Amber	2839	20W, 20,000 hours ^{1,2}	105-LA	50LMP-20WH or Ind. Trade No. 1692 ³
	105SINHB-G5	24V AC	0.8 A	Blue			105-LB	
	105SINHC-G5	24V AC	0.8 A	Clear			105-LC	
	105SINHG-G5	24V AC	0.8 A	Green			105-LG	
	105SINHM-G5	24V AC	0.8 A	Magenta			105-LM	
	105SINHR-G5	24V AC	0.8 A	Red			105-LR	
	105SINHA-N5	120V AC	0.2 A	Amber	2198	25W, 20,000 hours ^{1,2}	105-LA	50LMP-25WH or Ind. Trade No. 25T8DC ³
	105SINHB-N5	120V AC	0.2 A	Blue			105-LB	
	105SINHC-N5	120V AC	0.2 A	Clear			105-LC	
	105SINHG-N5	120V AC	0.2 A	Green			105-LG	
	105SINHM-N5	120V AC	0.2 A	Magenta			105-LM	
	105SINHR-N5	120V AC	0.2 A	Red			105-LR	
Steady-on Beacon Halogen - DC	105SINHA-G1	24V DC	0.8 A	Amber	2839	20W, 20,000 hours ^{1,2}	105-LA	50LMP-20WH or Ind. Trade No. 1692 ³
	105SINHB-G1	24V DC	0.8 A	Blue			105-LB	
	105SINHC-G1	24V DC	0.8 A	Clear			105-LC	
	105SINHG-G1	24V DC	0.8 A	Green			105-LG	
	105SINHM-G1	24V DC	0.8 A	Magenta			105-LM	
	105SINHR-G1	24V DC	0.8 A	Red			105-LR	

¹At nominal operating voltage.

²Projected lamp life based on manufacturer's calculated lamp life at 65 fpm and 50% duty cycle.

³Incandescent lamp, user supplied

Required Mounting Options

Description	Cat. No.
Wall Mount Bracket	105BM ¹
Outlet Box Attachment	105BX
Pipe Mount Attachment	105PM

¹Must be used with 105BX.



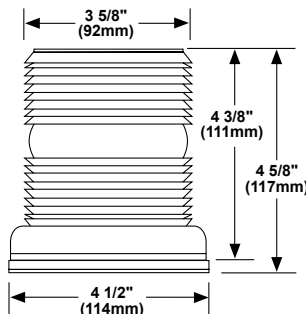
Beacons

Flashing Halogen

105 Series

Features and Specifications

- Halogen light source
- Flash rate 65 fpm
- Shatter-resistant double fresnel polycarbonate lens
- Gray Rynite® (PET) base with brass hardware
- Suitable for indoor, outdoor and marine applications
- For outdoor use, lens should face up
- NEMA Type 4X enclosure
- Class I, Div 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III
- Option for panel or conduit mounting



Ordering Information

Description	Cat. No.	Operating Voltage	Current	Lens Color	Peak Candela	Lamp Ratings	Replacement	
							Lens	Lamp
Flashing Beacon Halogen AC	105FINHA-G5	24V AC	0.8 A	Amber	2839	20W, 20,000 hours ^{1,2}	105-LA	50LMP-20WH or Ind. Trade No. 1692 ³
	105FINHB-G5	24V AC	0.8 A	Blue			105-LB	
	105FINHC-G5	24V AC	0.8 A	Clear			105-LC	
	105FINHG-G5	24V AC	0.8 A	Green			105-LG	
	105FINHM-G5	24V AC	0.8 A	Magenta			105-LM	
	105FINHR-G5	24V AC	0.8 A	Red	2198	25W, 20,000 hours ^{1,2}	105-LR	50LMP-25WH or Ind. Trade No. 25T8DC ³
	105FINHA-N5	120V AC	0.2 A	Amber			105-LA	
	105FINHB-N5	120V AC	0.2 A	Blue			105-LB	
	105FINHC-N5	120V AC	0.2 A	Clear			105-LC	
	105FINHG-N5	120V AC	0.2 A	Green			105-LG	
Flashing Beacon Halogen DC	105FINHM-N5	120V AC	0.2 A	Magenta			105-LM	
	105FINHR-N5	120V AC	0.2 A	Red			105-LR	
	105FINHA-G1	24V DC	0.8 A	Amber	2839	20W, 20,000 hours ^{1,2}	105-LA	50LMP-20WH or Ind. Trade No. 1692 ³
	105FINHB-G1	24V DC	0.8 A	Blue			105-LB	
	105FINHC-G1	24V DC	0.8 A	Clear			105-LC	
	105FINHG-G1	24V DC	0.8 A	Green			105-LG	
	105FINHM-G1	24V DC	0.8 A	Magenta			105-LM	
	105FINHR-G1	24V DC	0.8 A	Red			105-LR	

¹At nominal operating voltage.

²Projected lamp life based on manufacturer's calculated lamp life at 65 fpm and 50% duty cycle.

³Incandescent lamp, user supplied

Required Mounting Options

Description	Cat. No.
Wall Mount Bracket	105BM ⁴
Outlet Box Attachment	105BX
Pipe Mount Attachment	105PM

⁴Must be used with the 105BX.



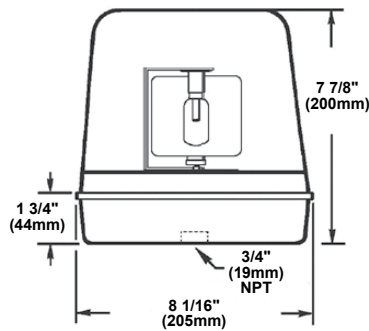
Beacons

Rotating Halogen

58 Series

Features and Specifications

- Halogen light source
- Motor driven reflector
- Bayonet base lamp socket
- 3/4" NPT conduit or surface mounting
- Suitable for indoor or outdoor hazardous applications (with conduit mounting)
- For outdoor use, lens should face up
- NEMA Type 4X enclosure
- Class I, Div 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III, Div 1
- Operating temperature range: -31°F to 150°F (-35°C to 66°C)



8 1/16"

R A M G B C

Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Colors	Lamp Ratings	Revolution Rate	Replacement	
							Dome	Lamp
Rotating Light Halogen	58A-N5-100WH	120V AC	1.0 A	Amber	1,800 lumens ² 1620 cd 1,000 hours ³	75 rpm	94DV2-DA	100Q/CL/DC/120V
	58B-N5-100WH	120V AC	1.0 A	Blue		75 rpm	94DV2-DB	
	58C-N5-100WH	120V AC	1.0 A	Clear		75 rpm	94DV2-DC	
	58G-N5-100WH	120V AC	1.0 A	Green		75 rpm	94DV2-DG	
	58M-N5-100WH	120V AC	1.0 A	Magenta		75 rpm	94DV2-DM	
	58R-N5-100WH	120V AC	1.0 A	Red		75 rpm	94DV2-DR	

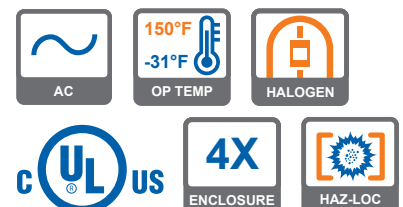
¹AC voltage frequency is 50/60 Hz

²Bulb manufacturer's lumen rating

³Projected lamp life based on manufacturer's calculated lamp life at 65 rpm and 50% duty cycle.

Accessories

Description	Cat. No.
Corner Mount Bracket	CBR
Wall Mount Bracket	WBR

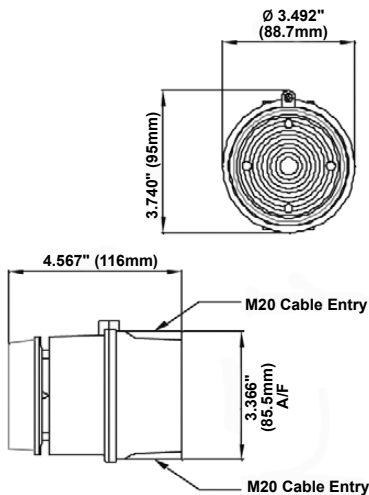


Klaxon Sounder Beacons: Intrinsically Safe Electronic Tone

Syrex Series

Features and Specifications

- LED light source
- Choice of 49 tones
- Choice of lens colors
- Flash rate 2Hz or 1Hz (double flash)
- Auto synchronized sound output
- ABS flame retardant UL94V0 and 5VA housing
- Volume control
- IP65 rated
- Rated for Category 1
- Ⓢ II 1G EEx ia IIC T4
- Operating temperature range: -40°F to 140°F (-40°C to 60°C)



3.366"



Ordering Information

Description	New Cat. No. (use for ordering)	Old Cat. No.	Operating Voltage	Current (Tone dependent)	Lens Color	dB at 1m/10ft. (Tone dependent)
IS-SB Sounder Beacon	TCA-0037	17-970341	6-28V DC	0.048 A	Amber	Up to 100/90
	TCA-0038	17-970342	6-28V DC	0.048 A	Blue	Up to 100/90
	TCA-0039	17-970343	6-28V DC	0.048 A	Green	Up to 100/90
	TCA-0029	17-970330	6-28V DC	0.048 A	Red	Up to 100/90

Accessories

Description	New Cat. No. (use for ordering)	Old Cat. No.
Single Channel Galvanic Isolator	TCA-0042	17-970362
Dual Channel Galvanic Isolator	TCA-0066	17-970395
IS DIN Rail Enclosure, accepts two isolators	TCA-0065	17-970392

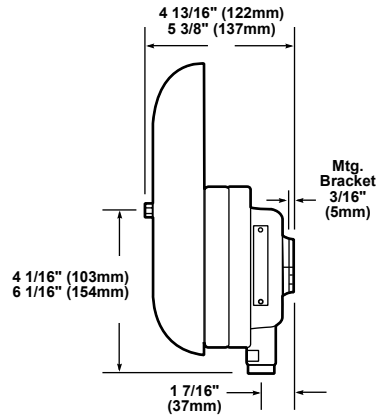
HAZARDOUS LOCATION SIGNALS



Bells: Explosionproof Single Stroke 330EX Series

Features and Specifications

- Single stroke or coded intermittent stroke
- Completely assembled
- Sealing fitting for 3/4" (19mm) conduit and wire leads for power connections
- Mounts directly on surface
- Self-compensating solenoid plunger
- Low power drain for efficient operation over long wire runs
- Available with 6" or 10" gongs
- Corrosion resistant heat flowed epoxy finish
- Suitable for use in outdoor applications
- NEMA Type 4 housing
- UL Listed for Class I, Divisions 1 and 2, Groups B, C & D; Class II, Divisions 1 and 2, Groups E, F & G; and Class III

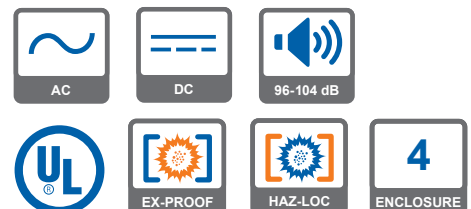


Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current ²	Gong Size (Dim. A)	dB at 1m/10ft.
AC Single Stroke	332EX-6N5	120V AC	0.43 A	6" (152mm)	96/86
	332EX-10N5	120V AC	0.43 A	10" (254mm)	104/94
	332EX-6R5	240V AC	0.20 A	6" (152mm)	96/86
	332EX-10R5	240V AC	0.20 A	10" (254mm)	104/94
DC Single Stroke	333EX-6G1	24V DC	3.50 A	6" (152mm)	96/86
	333EX-10G1	24V DC	3.50 A	10" (254mm)	104/94
	333EX-6P1	125V DC	0.52 A	6" (152mm)	96/86

¹AC voltage frequency is 50/60 Hz.

²Single pulse duration - 8 to 16 milliseconds

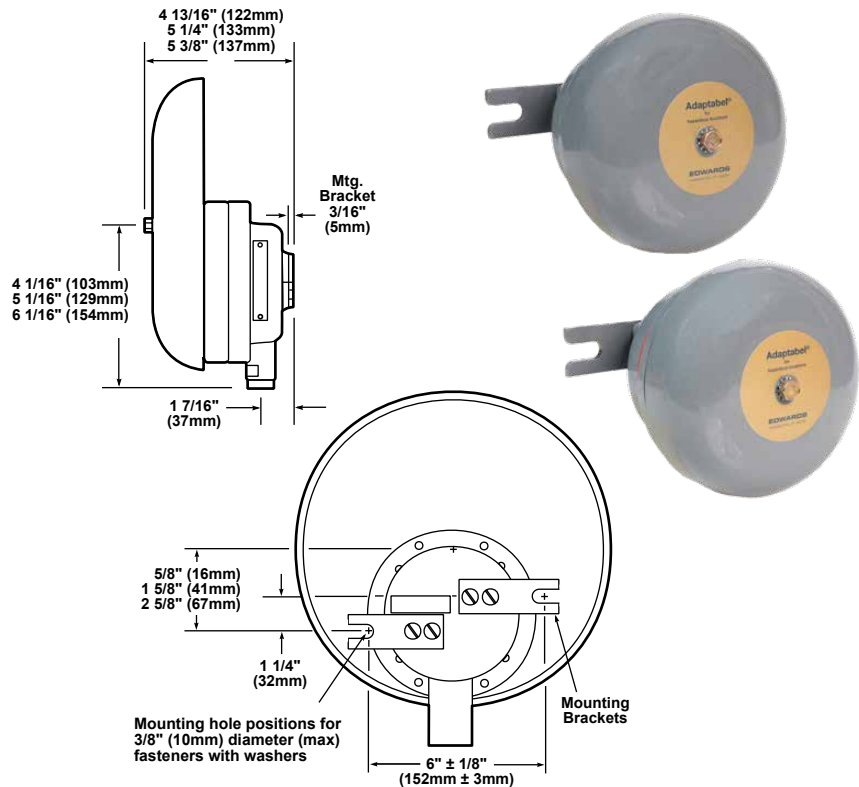


Bells: Explosionproof Vibrating

340EX and 435EX Series

Features and Specifications

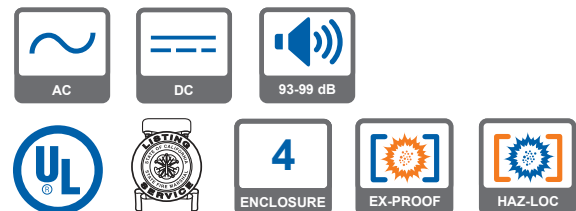
- 6", 8" and 10" gong sizes
- Completely assembled
- Corrosion resistant finish
- Mounts directly on any solid surface
- Low power draw for efficient operation over long runs
- Suitable for use in outdoor applications
- Adjustment free self-compensating solenoid plunger
- UL listed for Class I, Divisions 1 and 2, Groups B, C and D; Class II, Divisions 1 and 2, Groups E, F and G; Class III
- NEMA Type 4 enclosure



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Gong Size	dB at 1m/10ft.
AC	340EX-6G5	24V AC	0.210 A	6" (152mm)	94/84
	340EX-10G5	24V AC	0.210 A	10" (254mm)	98/88
	340EX-6N5	120V AC	0.041 A	6" (152mm)	94/84
	340EX-8N5	120V AC	0.041 A	8" (203mm)	99/89
	340EX-10N5	120V AC	0.041 A	10" (254mm)	98/88
	340EX-6R5	240V AC	0.021 A	6" (152mm)	94/84
	340EX-10R5	240V AC	0.021 A	10" (254mm)	98/88
DC	435EX-6C1	6V DC	1.520 A	6" (152mm)	93/83
	435EX-6E1	12V DC	0.520 A	6" (152mm)	96/86
	435EX-10E1	12V DC	0.520 A	10" (254mm)	99/89
	435EX-6G1	24V DC	0.240 A	6" (152mm)	93/83
	435EX-8G1	24V DC	0.290 A	8" (203mm)	96/86
	435EX-10G1	24V DC	0.290 A	10" (254mm)	99/89
	435EX-6K1	48V DC	0.110 A	6" (152mm)	93/83
	435EX-8K1	48V DC	0.110 A	8" (203mm)	96/86
	435EX-6P1	125V DC	0.040 A	6" (152mm)	93/83
	435EX-8P1	125V DC	0.040 A	8" (203mm)	96/86
	435EX-10P1	125V DC	0.040 A	10" (254mm)	99/89
	435EX-6S1	250V DC	0.023 A	6" (152mm)	93/83
	435EX-8S1	250V DC	0.023 A	8" (203mm)	96/86
DC, Diode Polarized	435DEX-6G1	24V DC	0.290 A	6" (152mm)	93/83
	435DEX-8G1	24V DC	0.290 A	8" (203mm)	96/86
	435DEX-10G1	24V DC	0.290 A	10" (254mm)	99/89

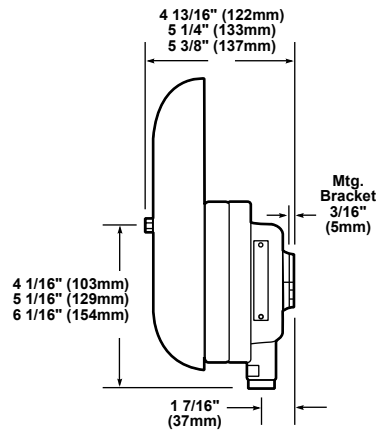
¹AC voltage frequency is 50/60 Hz.



Bells: Explosionproof Vibrating 439DEX Series

Features and Specifications

- 6", 8" and 10" gong sizes
- Completely assembled
- Corrosion resistant gray epoxy finish
- Suitable for use in indoor applications
- Mounts directly on any solid surface
- Low power draw for efficient operation over long runs
- Adjustment free self-compensating solenoid plunger
- Wire leads and sealing fitting for connection to 3/4" conduit
- UL listed for Class I, Divisions 1 and 2, Groups B, C and D; Class II, Divisions 1 and 2, Groups E, F and G; Class III



Ordering Information

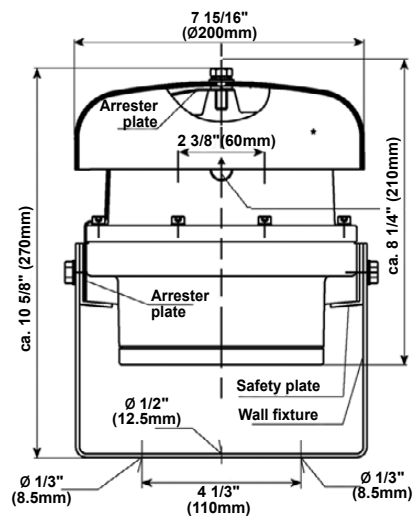
Description	Cat. No.	Operating Voltage	Current	Gong Size (Dim. A)	dB at 1m/10ft.	Color
DC Fire Alarm	439DEX-6AW	20-24V DC	0.240 A	6" (152mm)	93/83	Gray
	439DEX-8AW	20-24V DC	0.240 A	8" (203mm)	96/86	Gray
	439DEX-10AW	20-24V DC	0.240 A	10" (254mm)	99/89	Gray
	439DEX-6AW-R	20-24V DC	0.240 A	6" (152mm)	93/83	Red
	439DEX-8AW-R	20-24V DC	0.240 A	8" (203mm)	96/86	Red
	439DEX-10AW-R	20-24V DC	0.240 A	10" (254mm)	99/89	Red



Klaxon Bells: Explosionproof Vibrating Syrex Series

Features and Specifications

- Clear audible signal designed to penetrate background noise
- Glass fiber reinforced polyester construction with stainless steel fittings
- IP66 rated
- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX approved
- II 2G Exd e IIC T6
- Operating temperature range: -4°F to 104°F (-20°C to 40°C)



Ordering Information

Description	New Cat. No. (use for ordering)	Old Cat. No.	Operating Voltage ¹	Current	Color	dB at 1m/10ft.
AC	TCA-0003	17-970233	110V AC	0.140 A	Black/Gray	105/95
	TCA-0002	17-970232	230V AC	0.060 A	Black/Gray	105/95
DC	TCA-0004	17-970234	24V DC	0.320 A	Black/Gray	105/95

¹AC voltage frequency is 50/60 Hz.

HAZARDOUS LOCATION SIGNALS

AC

DC

105 dB

104°F
-4°F
OP TEMP

IP66
ENCLOSURE

EX-PROOF

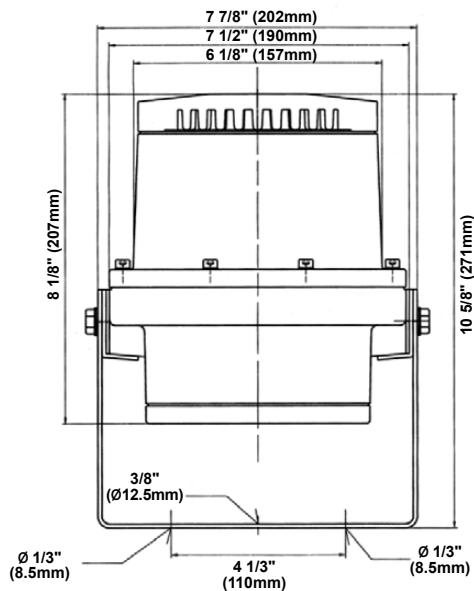
HAZ-LOC

Ex

Buzzers: Explosionproof Klaxon Syrex Series

Features and Specifications

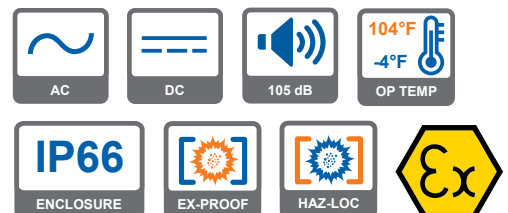
- Heavy duty buzzer
- Rugged construction
- Glass Fiber reinforced polyester construction
- IP66 rated case
- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX approved
-  II 2G Exd e IIC T6
- Operating temperature range: -4°F to 104°F (-20°C to 40°C)



Ordering Information

Description	New Cat. No. (use for ordering)	Old Cat. No.	Operating Voltage ¹	Current	Color	dB at 1m/10ft.
AC	TCA-0069	17-970235	110V AC	0.150 A	Black	105/95
	TCA-0001	17-970220	230V AC	0.070 A	Black	105/95
DC	TCA-0005	17-970236	24 DC	0.650 A	Black	105/95

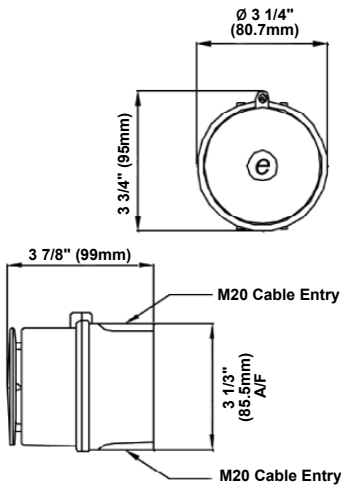
¹AC voltage frequency is 50/60 Hz.



Klaxon Sounders: Intrinsically Safe Electronic Syrex Series

Features and Specifications

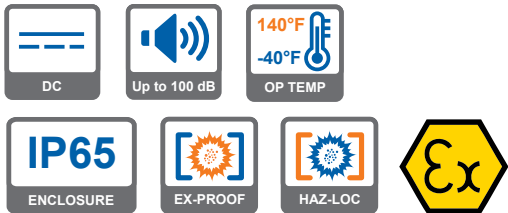
- Choice of 49 tones
- Auto synchronized sound output
- ABS flame retardant UL94V0 and 5VA housing
- IP65 rated housing
- Volume control
- Operating temperature range: -40°F to 140°F (-40°C to 60°C)
- Ⓜ II 1G EEx ia IIC T4
- ATEX Zones 0, 1, 2



Ordering Information						
Description	New Cat. No. (use for ordering)	Old Cat. No.	Operating Voltage	Current (Tone Dependent)	dB at 1m/10ft.	Tones
Alarm Sounder	TCA-0023	17-970328	6-28V DC	0.025 A	Up to 100/90	Up to 49

Accessories		
Description	New Cat. No. (use for ordering)	Old Cat. No.
Single Channel Galvanic Isolator	TCA-0042	17-970362
Dual Channel Galvanic Isolator	TCA-0066	17-970395
IS DIN-rail Enclosure, accepts two Isolators	TCA-0065	17-970392

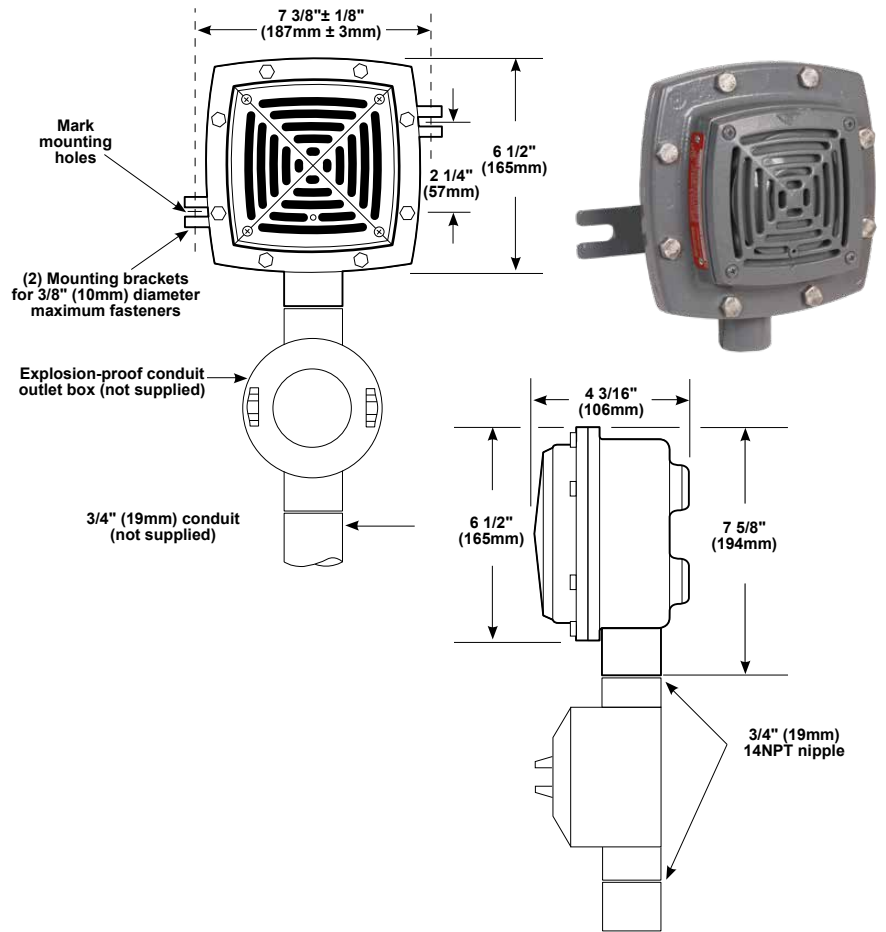
HAZARDOUS LOCATION SIGNALS



Horns: Explosionproof Vibrating 870EX Series

Features and Specifications

- Corrosion resistant heat flowed epoxy finish
- Low current drain
- Operating voltage range -20% to +10% of nominal voltage
- Power connection wires embedded in sealing compound
- Not recommended for temperatures below 25°F (-3.9°C)
- Diode Polarized versions
- NEMA Type 4X rated
- UL listed for Class I, Div. 1 and 2, Groups B, C and D; Class II, Div. 1 and 2, Groups E, F and G; and Class III locations

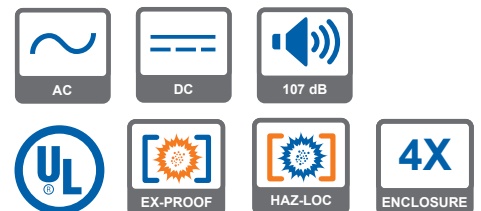


Ordering Information

Description	Cat. No.	Operating Voltage ²	Current	VA	Average dB at 1m/10ft. ¹	DC Coil Res (Ohms)
AC	878EX-E5	12V AC	1.25 A	15	110/100	1.45
	878EX-G5	24V AC	0.625 A	15	110/100	5.2
	878EX-N5	120V AC	0.13 A	15	110/100	150.0
	878EX-R5	240V AC	0.065 A	15.6	110/100	580.0
DC	879EX-C1	6V DC	0.70 A	4.2	107/97	1.4
	879EX-E1	12V DC	0.27 A	3.2	107/97	6.0
	879EX-G1	24V DC	0.16 A	3.8	107/97	24.0
	879EX-J1	32V DC	0.13 A	3.2	107/97	40.0
	879EX-K1	48V DC	0.07 A	3.4	107/97	96.0
	879EX-P1	125V DC	0.025 A	3.1	107/97	600.0
AC, Diode Polarized	878DEX-N5	120V AC	0.165 A	19.8	110/100	150.0
DC, Diode Polarized	879DEX-G1	24V DC	0.16 A	3.8	107/97	20.0

¹Measured in an anechoic chamber.

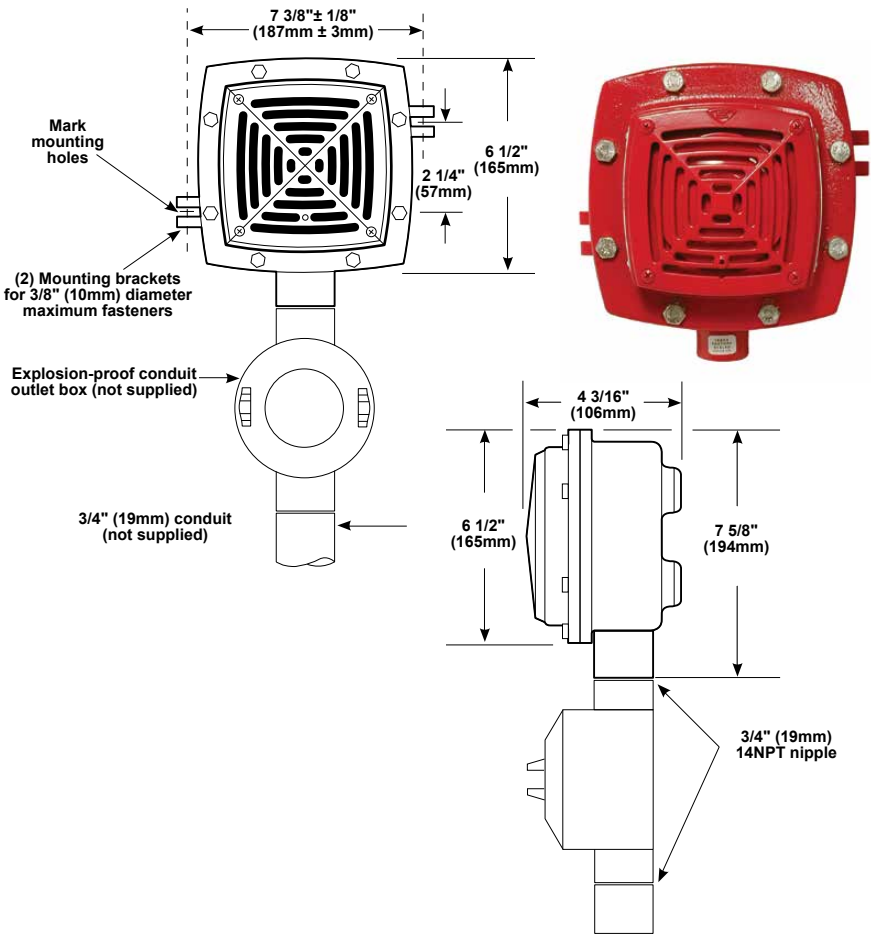
²AC voltage frequency is 50/60 Hz.



Horns: Explosionproof Vibrating 870EX Series

Features and Specifications

- Diode polarized
- Red corrosion resistant heat flowed epoxy finish
- Low current drain
- Not recommended for temperatures below 25°F (-3.9°C)
- Power connection wires embedded in sealing compound
- UL listed for Class 1, Div. 1 and 2, Groups B, C and D; Class II, Div. 1 and 2, Groups E, F and G; Class III locations



Ordering Information						
Description	Cat. No.	Operating Voltage	Current	VA	Average dB at 1m/10ft. ¹	DC Coil Res (Ohms)
Hazardous Location, Horn	888D-N5	120V AC	0.165 A	19.8	100/90	150.0
Diode Polarized	889D-AW	20-24V DC	0.16 A	3.8	94/84	20.0

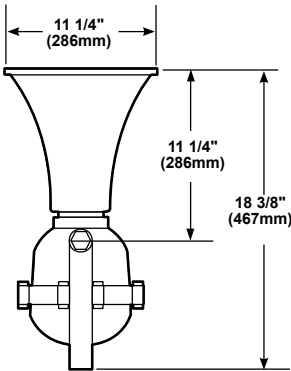
¹10ft. dB measurements per UL 464 in a reverberant room. Anechoic dB measurements are typically higher.



Horns: Explosionproof Electronic Titan Class

Features and Specifications

- Corrosion resistant electrostatic heat flowed powder epoxy gray finish
- Fitted with factory sealed 1/2" (13mm) threaded pipe nipple for quick installation
- Diode polarized versions for supervised circuits
- Speaker swivels 180° vertically or horizontally depending on orientation of mounting bracket **(5522MD-AW)**
- 30" (762mm) wire leads
- Horn frequency - 982 Hz
- UL listed for Class I, Div. 1 and 2, Groups B, C and D



Ordering Information				
Description	Cat. No.	Operating Voltage ¹	Current	dB at 1m/10ft.
Horn	5522M-AQ	24V DC	0.25 A	119/109
		24V AC	0.95 A	
	5522M-Y6	120-240V AC	0.260 A	119/109
		125-250V DC	0.130 A	
Horn, Diode Polarized	5522MD-AW	24V DC	0.950 A	119/109

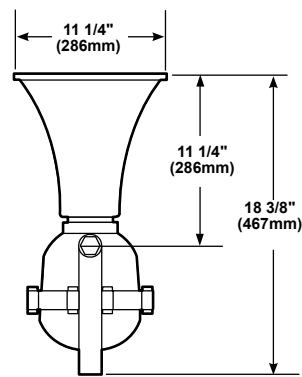
¹AC voltage frequency is 50/60 Hz.



Sirens: Explosionproof Electronic Titan Class

Features and Specifications

- Corrosion resistant electrostatic heat flowed powder epoxy gray finish
- Fitted with factory sealed 1/2" (13mm) threaded pipe nipple for quick installation
- Diode polarized version for supervised circuits
- Speaker swivels 180° vertically or horizontally depending on orientation of mounting bracket (**5523MD-AW**)
- 30" (762mm) wire leads
- Siren frequency - rises and falls from 600 to 1250 Hz every 8 seconds
- UL listed for Class I, Div. 1 and 2, Groups B, C and D



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	dB at 1m/10ft.
Siren	5523M-AQ	24V DC	0.25 A	115/105
		24V AC	0.95 A	
	5523M-Y6	120-240V AC	0.260 A	115/105
		125-250V DC	0.130 A	
Siren, Diode Polarized	5523MD-AW	24V DC	0.950 A	115/105

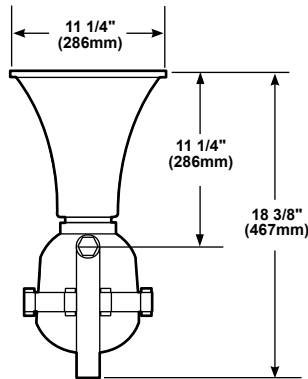
¹AC voltage frequency is 50/60 Hz.



Electronic Audible Signals: Explosionproof Multi-Tone Signal – Two Input, Two Output Titan Class

Features and Specifications

- User selectable 55 tone capability - No additional tone modules needed
- Internal volume control
- Corrosion resistant heat flowed epoxy finish
- Supplied with factory sealed 1/2" (13mm) threaded fitting for quick installation
- Diode polarized for supervised circuits (**5533MD**)
- Speaker swivels 180° vertically or horizontally depending on orientation of mounting bracket
- 30" (762mm) numbered wire leads
- Heavy duty zinc cast construction
- UL listed for Class 1, Div. 1 and 2, Groups B, C and D, hazardous locations



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Signal Off Standby Current (Amps)	Signal On Operating Current (Amps)	dB at 1m/10ft.
Two Outputs, Explosionproof	5533M-AQ	24V DC	0.061 A	0.470 A	100/90
		24V AC	0.250 A	0.95 A	100/90
	5533M-Y6	120-240V AC	0.88 A	0.260 A	100/90
		125-250V DC	0.31-0.019 A	0.130-0.070 A	100/90
One Output, Explosionproof, Diode Polarized	5533MD-AW	24V DC	—	0.470 A	96/86

¹AC voltage frequency is 50/60 Hz.

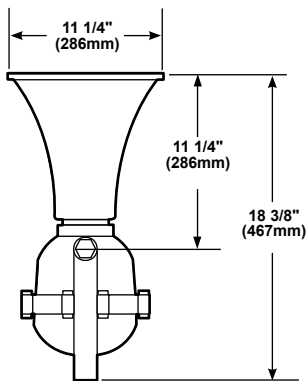


Electronic Audible Signals: Explosionproof Speaker Amp

Titan Class

Features and Specifications

- Corrosion resistant electrostatic heat flowed epoxy finish
- Individual volume control
- Speaker swivels 180° vertically or horizontally depending on orientation of mounting bracket
- 30" (762mm) numbered wire leads
- Supplied with factory sealed 1/2" (13mm) threaded fitting for quick installation
- Heavy duty zinc cast construction
- 100dB @ 1m (90dB @ 10ft.)
- UL listed for Class 1, Div. 1 and 2, Groups B, C and D hazardous locations



Ordering Information				
Description	Cat. No.	Operating Voltage ¹	Typical Current	
			Standby	Tone On
High Decibel, Explosionproof	5545M-AQ	24V DC	0.061 A	0.47 A
		24V AC	0.25 A	0.95 A
	5545M-Y6	120-240V AC	0.10 A	0.28-0.15 A
		125-250V DC	0.11-0.02 A	0.15-0.08 A
	5545M-25Y6	120-240V AC	0.10 A	0.28-0.15 A
		125-250V DC	0.11-0.02 A	0.15-0.08 A
	5545M-70Y6	120-240V AC	0.10 A	0.28-0.15 A
		125-250V DC	0.11-0.02 A	0.15-0.08 A

¹AC voltage frequency is 50/60 Hz.

HAZARDOUS LOCATION SIGNALS



Electronic Audible Signals

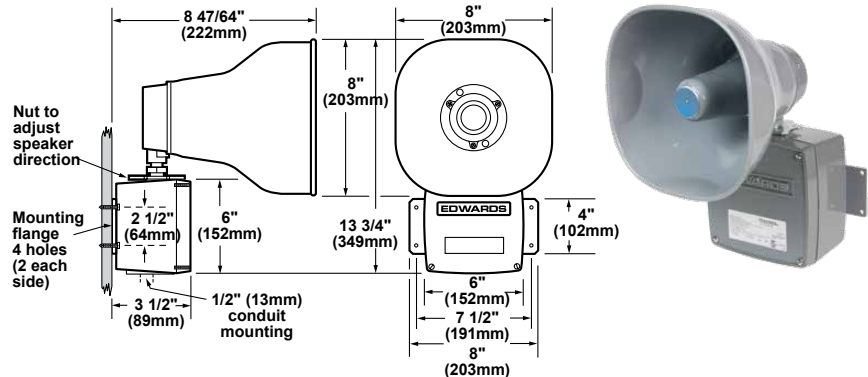
Multi-Tone Signal – Four Input, Four Output

Millennium Class

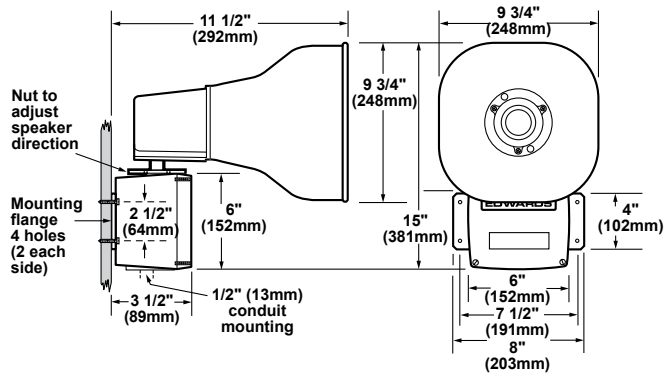
5531M and 5531MV Series

Features and Specifications

- User selectable 55 tone capability - No additional tone modules needed
- Output up to 120dB @ 1m (110dB @ 10ft.) (**5531M and 5531MV**)
- Output up to 123dB @ 1m (113dB @ 10ft.) (**5531MHV**)
- Suitable for Division 2 Locations
- Built-in cascading priority system
- Captive components
- Speaker can be rotated and locked in any horizontal direction
- NEMA Type 3R and IP44 rated
- UL listed for Class 1, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III hazardous locations



5531MHV Series



Ordering Information					
Description	Cat. No.	Operating Voltage ¹	Input Activation Voltage	Signal Off Standby Current (Amps)	Signal On Operating Current (Amps)
Four Outputs, 15 Watt	5531M-24AQ	24V DC	24V DC	0.10 A	0.74 A
		24V AC	24V DC	0.10 A	1.3 A
	5531M-24N5	120V AC	24V DC	0.10 A	0.36 A
	5531M-120N5	120V AC	120V AC	0.10 A	0.36 A
	5531M-24Y6	120-240V AC	24V DC	0.10 A	0.32-0.20 A
		125-250V DC	24V DC	0.10-0.02 A	0.21-0.10 A
	5531M-120Y6	120-240V AC	120V AC	0.10 A	0.32-0.20 A
Four Outputs, 30 Watt	5531MHV-24AQ	24V DC	24V DC	0.10 A	1.5 A
		24V AC	24V DC	0.10 A	2.3 A
	5531MHV-24Y6	120-240V AC	24V DC	0.10 A	0.62-0.34 A
		125-150V DC	24V DC	0.10-0.02 A	0.40-0.19 A
	5531MHV-120Y6	120-240V AC	120V AC	0.10 A	0.62-0.34 A
		125-150V DC	120V AC	0.10-0.02 A	0.40-0.19 A
	5531MV-24N5	120V AC	24V DC	0.10 A	0.38 A
Field Recordable Device Model	5531MV-120N5	120V AC	120V AC	0.10 A	0.38 A
	5531MV-24Y6	125-250V DC	24V DC	0.10-0.02 A	0.21-0.10 A
		120-240V DC	24V DC	0.10 A	0.32-0.20 A

¹AC voltage frequency is 50/60 Hz.



Electronic Audible Signals

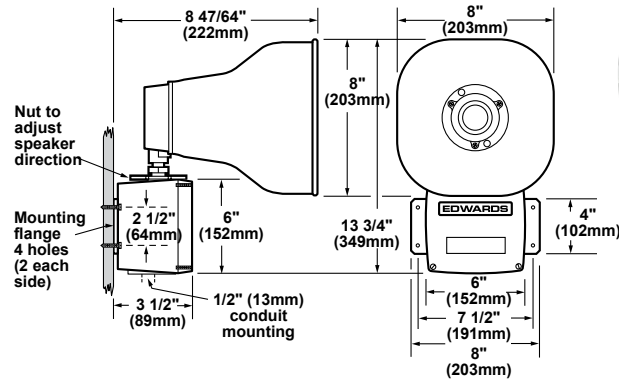
Multi-Tone Signal – Single Input, Single Output

Millennium Class

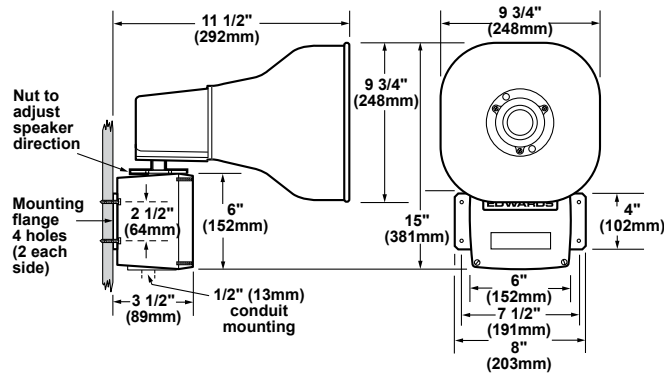
5530M, 5530MV, and 5530MD-24AW Series

Features and Specifications

- User selectable 55 tone capability - No additional tone modules needed
- Output up to 120dB @ 1m (110dB @ 10ft.)
- Output up to 123dB @ 1m (113dB @ 10ft.) (**5530MHV Series**)
- Captive components
- RS485 models supervised
- Diode polarized for supervisory circuits (**5530MD-24AW**)
- Speaker can be rotated and locked in any horizontal direction
- 24V DC battery backup terminals provided
- NEMA Type 3R
- UL listed for Class 1, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III hazardous locations



5530MHV Series



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Input Activation Voltage	Signal Off Standby Current (Amps)	Signal On Operating Current (Amps)
Single output, 15 Watt Standard Volume	5530M-24AQ	24V DC	24V DC	0.10 A	0.74 A
		24V AC	24V DC	0.10 A	1.3 A
	5530M-24N5	120V AC	24V DC	0.10 A	0.36 A
	5530M-120N5	120V AC	120V AC	0.10 A	0.38 A
	5530M-24Y6	120V-240V AC	24V DC	0.10 A	0.31-0.20 A
Single output, RS485		125-250V DC	120V AC	0.10-0.02 A	0.21-0.10 A
		120-240V AC	RS485	0.10 A	0.32-0.20 A
	5530M-485Y6	125-250V DC	RS485	0.10-0.02 A	0.21-0.10 A
Single output, RS485 Field recordable voice model		120-240V AC	RS485	0.10 A	0.31-0.20 A
	5530MV-485Y6	125-250V DC	RS485	0.10-0.02 A	0.20-0.10 A
		120-240V AC	RS485	0.10 A	0.31-0.20 A
Single output, 30 Watt High Volume	5530MHV-24AQ	24V DC	24V DC	0.10 A	1.5 A
		24V AC	24V DC	0.10 A	2.3 A
	5530MHV-24Y6	120-240V AC	24V DC	0.10 A	0.56-0.34 A
	5530MHV-120Y6	125-250V DC	120V AC	0.10-0.02 A	0.39-0.19 A
Single output, RS485 Connection 30 Watt High Volume		120V AC-240V AC	RS485	0.10 A	0.56-0.34 A
	5530MHV-485Y6	125-250V DC	RS485	0.10-0.02 A	0.39-0.19 A
Single output, Diode Polarized	5530MD-24AW²	20-31V DC	—	—	0.63-1.0 A

¹AC voltage frequency is 50/60 Hz.

²Red finish



Speaker/Amp

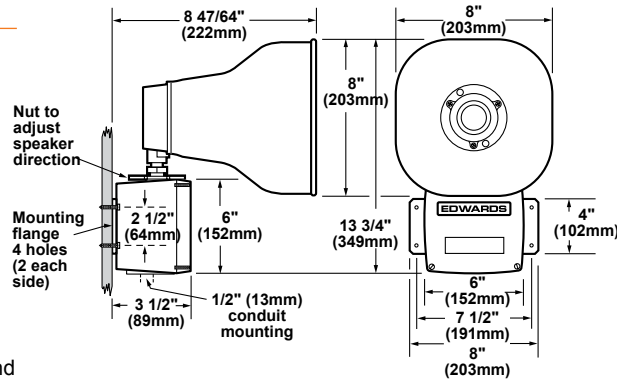
Remote Speaker Amplifier

Millennium Class

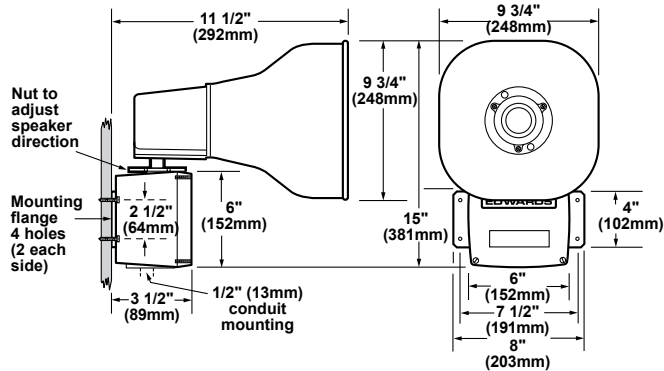
Features and Specifications

- Output up to 120dB @ 1m (110dB @ 10ft.) (**5532M**)
- Output up to 123dB @ 1m (113dB @ 10ft.) (**5532MHV**)
- Corrosion resistant electrostatic heat flowed epoxy finish
- Individual volume control
- Suitable for Division 2 Locations
- Captive Components
- RS485 model available
- 24V DC battery backup terminals
- NEMA Type 3R and IP44 rated
- UL listed for Class 1, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; and Class III hazardous locations

5532M Series



5532MHV Series



Ordering Information				
Description	Cat. No.	Operating Voltage ¹	Signal Off Standby Current (Amps)	Signal On Operating Current (Amps)
High Decibel	5532M-AQ	24V DC	0.10 A	0.7 A
		24V AC	0.10 A	1.3 A
	5532M-N5	120V AC	0.10 A	0.36 A
	5532M-Y6	120-240V AC	0.10 A	0.32-0.20 A
High Decibel, 30 Watt		125-250V DC	0.10-0.02 A	0.21-0.10 A
	5532MHV-AQ	24V DC	0.10 A	1.5 A
		24V AC	0.10 A	2.3 A
	5532MHV-Y6	120-240V AC	0.10 A	0.56-0.34 A
		125-250V DC	0.10 A	0.39-0.19 A

¹AC voltage frequency is 50/60 Hz.

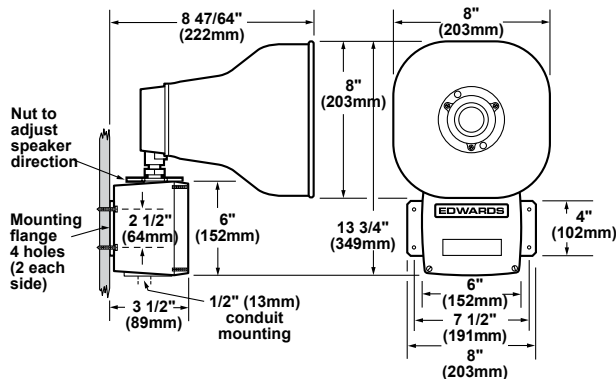


Electronic Audible Signals System Speaker Amplifier Millennium Class

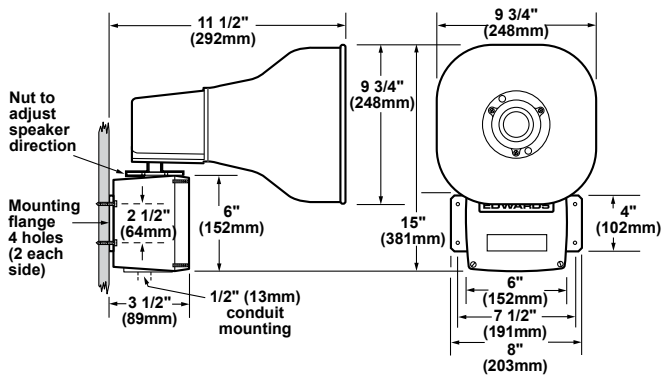
Features and Specifications

- Output up to 120dB @ 1m (110dB @ 10ft.) (**5532M and 5532MD**)
- Output up to 123dB @ 1m (113dB @ 10ft.) (**5532MHV**)
- Corrosion resistant electrostatic heat flowed epoxy finish
- Individual volume control
- Suitable for Division 2 Locations
- Captive Components
- RS485 model available
- Diode Polarized models (**5532MD**)
- 24V DC battery backup terminals
- NEMA Type 3R and IP44 rated
- UL listed for Class 1, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; and Class III hazardous locations

5532M and 5532MD Series



5532MHV Series



Ordering Information				
Description	Cat. No.	Operating Voltage ¹	Signal Off Standby Current (Amps)	Signal On Operating Current (Amps)
High Decibel	5532M-25Y6	120-240V AC	0.10 A	0.32-0.20 A
		125-250V DC	0.10-0.02 A	0.21-0.10 A
	5532M-70Y6	120-240V AC	0.10 A	0.32-0.20 A
		125-250V DC	0.10-0.02 A	0.21-0.10 A
High Decibel, RS485	5532M-485Y6	120-240V AC	0.10 A	0.32-0.20 A
		125-250V DC	0.10-0.02 A	0.21-0.10 A
High Decibel, Diode Polarized	5532MD-10AW²	20-31V DC	0.10 A	0.63-1.0 A
	5532MD-70AW²	20-31V DC	0.10 A	0.63-1.0 A
High Decibel, RS485, 30 Watt	5532MHV-485Y6	120-240V AC	0.10 A	0.56-0.34 A
		125-250V DC	0.10 A	0.39-0.19 A

¹AC voltage frequency is 50/60 Hz.

²Red finish.

HAZARDOUS LOCATION SIGNALS



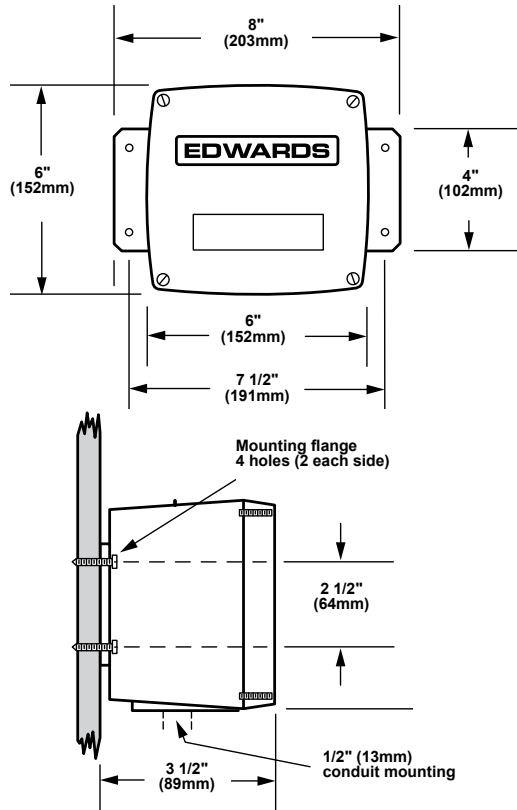
Electronic Audible Signals

Tone Generator

Millennium Class

Features and Specifications

- User Selectable 55 tone capability–
No additional tone modules needed
- Captive Components
- Centralized programmable tone selection
- System-wide priority tone selection
- RS485 models available
- 24V DC battery backup terminals
- Short Circuit protected
- 20 sec. of field recorded Voice (**5540MV**)
- Built in Presignal tone option on first message location (**5540MV**)
- Voice paging (**5540MP**)
- NEMA Type 3R and IP44 rated
- UL listed for Class I, Div. 2, Groups A, B, C and D; Class II, Div.2, Groups F and G; and Class III hazardous locations



Ordering Information

Description	Cat. No.	Operating Voltage ¹	Input Activation Voltage	Signal Off Operating Current (Amps)	Signal On Operating Current (Amps)
Four Outputs, Tone Only	5540M-24AQ	24V DC	24VDC	0.10 A	0.74 A
		24V AC	24V DC	0.10 A	1.3 A
	5540M-24N5	120V AC	24V DC	0.10 A	0.36 A
		120V AC	120V AC	0.10 A	0.38 A
Four Outputs, Tone Only	5540M-24Y6	120-240V AC	24V DC	0.10 A	0.32-0.20 A
		125-250V DC	24V DC	0.10-0.02 A	0.21-0.10 A
	5540M-120Y6	120-240V AC	120V AC	0.10 A	0.31-0.20 A
		125-250V DC	120V AC	0.10-0.02 A	0.20-0.10 A
Four Outputs, RS485 Connection, Tone Only	5540M-485Y6	120-240V AC	RS485	0.10 A	0.31-0.20 A
		125-250V DC	RS485	0.10-0.02 A	0.20-0.10 A
Four Outputs, Tone and Voice Messaging	5540MV-24N5	120V AC	24VDC	0.10 A	0.36 A
	5540MV-24Y6	120-240V AC	24V DC	0.10 A	0.32-0.20 A
		125-250V DC	24V DC	0.10-0.02 A	0.21-0.10 A
Four Outputs, RS485 Connection Tone and Voice Messaging	5540MV-485Y6	120-240V AC	RS485	0.10 A	0.32-0.20 A
		125-250V DC	RS485	0.10-0.02 A	0.21-0.10 A
Tone and Voice Paging	5540MP-24Y6²	120-240V AC	24V DC	0.10 A	0.32-0.20 A
		125-250V DC	24V DC	0.10-0.02 A	0.21-0.10 A

¹AC voltage frequency is 50/60 Hz.

²Must be connected to 5542RPU to operate



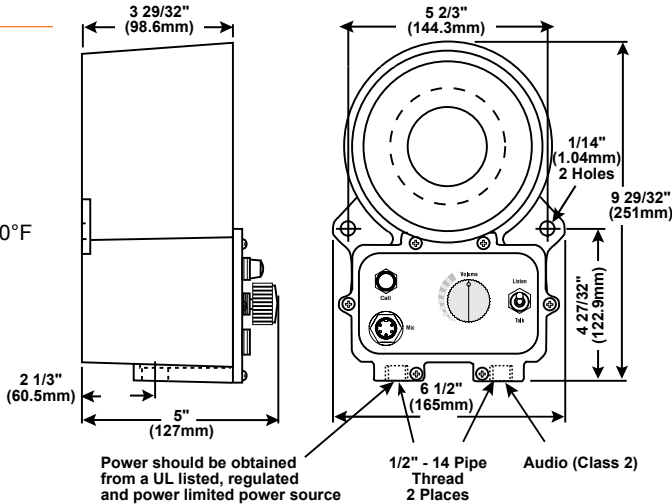
Intercoms

Industrial

5570 Series

Features and Specifications

- Suitable for use in indoor and outdoor hazardous locations
- Balanced or unbalanced line operation
- Master or satellite modes
- Four selectable alert tones
- Marine rated
- UL Class 1, Div. 2, Groups A, B, C and D
- Operating temperature range: -31°F to 150°F (-35°C to 66°C)



Ordering Information								
Description	Cat. No.	Operating Voltage ¹	Current		Frequency Response (-6dB)	Input Impedance	Speaker Rating	Speaker Impedance
			Standby	Tone On				
Hazardous Location Intercoms	5570M-AQ	24V AC/DC	0.321/0.111 A	1.29/0.64 A	150 Hz to 12 KHz	15K Ohms	30 Watts	16 Ohms
	5570M-NR5	120V AC/240V AC	0.075/0.037 A	0.188/0.073 A	150 Hz to 12 KHz	15K Ohms	30 Watts	16 Ohms

¹AC voltage frequency is 50/60 Hz

Accessories	
Description	Cat. No.
Hand-held Noise Cancelling Microphone Kit	5570MIC
Microphone Outdoor Application Kit	5542WPK

HAZARDOUS LOCATION SIGNALS

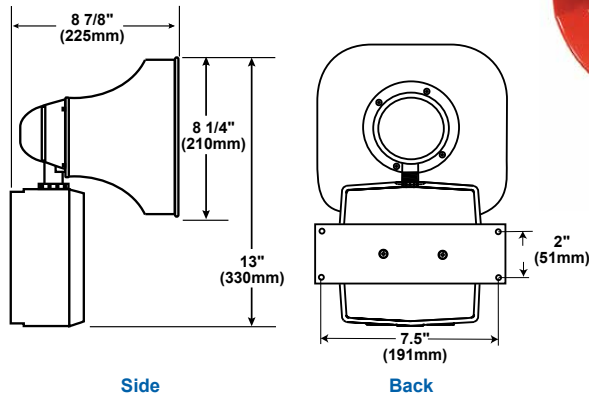
Speakers

Notification Appliances

Millennium Class

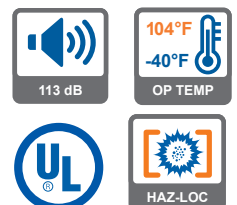
Features and Specifications

- Suitable for use in outdoor and hazardous locations
- Speaker swivels
- Adjustable up to 15 watts maximum
- 113 dB at 1 meter/103 dB at 10 ft.
- Frequency range 400Hz to 4000Hz
- UL listed for Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III, Div. 1 and 2
- Operating temperature range: -40°F to 104°F (-40°C to 40°C)
- Accepts systems audio input levels of 25 or 70V RMS



Ordering Information

Description	Cat. No.	dB at 1m/10ft.	Color
Hazardous Location Speakers	5553-25/70-G	113/103	Gray
	5553-25/70-R	113/103	Red



Conventional Fire Alarms: Explosionproof Heat Detectors, Rate Compensation 302 Series



Box mount

Features and Specifications

- Rate compensation offsets thermal lag
- Self-restoring – no manual reset required
- Explosionproof, Class 1, Groups C and D; Class 2, Groups E, F and G
- Box mount

Ordering Information						
Description	Cat. No.	Operating Voltage	Current	Temperature		
				UL Rated	Minimum Ambient	Maximum Ceiling
Indoor Explosionproof Box Mounting ¹	302-EPM-135	6-125V AC	5 A	135°F (57.2°C)	-40°	100°F (37.8°C)
		6-25V DC	1 A			
		125V DC	0.5 A			
	302-EPM-194	6-125V AC	5 A	194°F (90°C)	-40°	150°F (65.6°C)
		6-25V DC	1 A			
		125V DC	0.5 A			

¹Requires JALX-11 or equivalent

Accessories	
Description	Cat. No.
Decorative white plastic adaptor plate	AP-P
Explosionproof outlet body with cover	JALX11

HAZARDOUS LOCATION SIGNALS



Conventional Fire Alarms: Explosionproof Harsh Environment Pull Stations MPSR Series



Features and Specifications

- Solid corrosion-resistant construction
- Surface mount backbox and gasket, suitable for outdoor use, included
- Positive activation
- Terminals for wire connections
- NEMA 4X enclosure
- Operating temperature range: -30°F to 150°F (-35°C to 66°C)
- Single-action convertible to double-action operation
- Key lock reset
- Double pole contacts
- Class I, Group B, C and D,; Class II, Groups E, F and G; Class III

Ordering Information

Description	Cat. No.	Contact Rating		Switch Contacts	Reset	Field Connections	Wire Size
		Amps	Voltage				
Explosionproof Manual Station	MPSR1-D45WX-GE	10 A	120V AC	DPDT	Key Lock	Terminals	14 to 18 AWG
Double-action Cover	MPSR-LP	10 A	120V AC	—	—	—	—

Accessories

Description	Cat. No.
Replacement glass rods for MPSR stations (10 pack).	MPSRGR10
Cat 45 Key (each)	276-K1



*See ordering information for catalog numbers

Conventional Fire Alarms

Hazardous Location Smoke Detector

30-3013 Series

Features and Specifications

- Labyrinth assembly
- Self-checking components
- Infrared (IRED) light emitting diode as light source
- CSA certified for use in Class I, Div. 2, Groups A, B, C and D locations
- Residual ripple less than 2% of DC input
- Operating temperature range: -4°F to 140°F (-20°C to 60°C)



Ordering Information						
Description	Cat. No.	Operating Voltage	Current		Max Air Velocity	Contact Rating
			Standby	Alarm		
Hazardous Location Smoke Detector	30-3013A1N12F	20V - 28V DC	0.010 A	0.035 A	3960 fpm	2 A @ 30V DC 0.5 A @ 125V AC

HAZARDOUS LOCATION SIGNALS

DC

OP TEMP

HAZ-LOC

Outdoor Warning Systems

Control Valves

KB Series

Features and Specifications

Solenoid Valves

- Local or remote operation
- Class 1, Div. 1, Groups C and D; Class II, Div. 1, Groups E, F and G approvals

Combination Valves

- Manual and solenoid control
- Class 1, Div. 1, Groups C and D; Class II, Div. 1, Groups E, F and G approvals
- Provides for operation in the event of a power failure

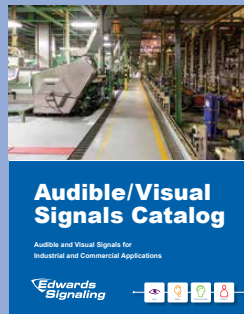
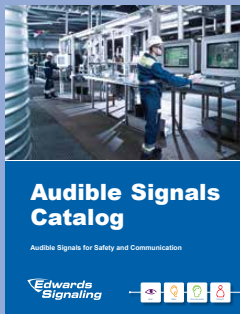


Ordering Information

Description	Cat. No.	Operating Voltage	Pipe Thread (in.)
Solenoid Valve	10746-N5	120V AC	3/8
	10748-N5	120V AC	1/2
	10750-N5	120V AC	3/4
	10754-N5	120V AC	1 1/4
	10746-G1	24V DC	3/8
	10748-G1	24V DC	1/2
	10750-G1	24V DC	3/4
	10754-G1	24V DC	1 1/4
Solenoid/Manual Valve	10775-N5	120V AC	3/8
	10776-N5	120V AC	1/2
	10777-N5	120V AC	3/4
	10778-N5	120V AC	1 1/4
	10775-G1	24V DC	3/8
	10776-G1	24V DC	1/2
	10777-G1	24V DC	3/4
	10778-G1	24V DC	1 1/4



Other SMARTER SIGNALING™ Solutions



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1016 Corporate Park Drive
Mebane, NC 27302