

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.”



Product Index

Working in a hazardous environment is not a challenge to be taken lightly. Designed for Division 1 and 2 hazardous locations, Edwards offers UL and cUL listed signaling devices for just about any facility installation. Rigid specifications, flexibility and state-of-the-art technology provide for high performance and low maintenance operation – creating the ideal signaling solution.

Hazardous Location Signals



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Hazardous Location Signals

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Beacons: Explosionproof Multi-Mode LED 116 Series



The 116 Series LED Beacon is suitable for use in explosionproof and hazardous location applications such as oil platforms, refineries, granaries and chemical plants. UL and cUL listed for use in Class 1, Division 1 and 2 applications, this beacon is designed for areas requiring high visibility and notification as well as low maintenance. The long life LEDs reduce maintenance requirements by up to 90% when compared to a Xenon strobe tube. The LED light emits a 360-degree beam of light with 13 user selectable flash patterns in addition to a steady-on mode.

These beacons are UL and cUL listed for outdoor use as NEMA Type 3R, 4X, and Marine Rated enclosures. Mounting options are available (ordered separately) for ceiling, wall, pendant and stanchion mounts. The unit is supplied with a guard installed over the clear dome for additional protection against impact.

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
	116EXMLEDB-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	Blue	Adjustable See Flash Mode Selection
	116EXMLEDW-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	White/Clear ²	Adjustable See Flash Mode Selection
	116EXMLEDG-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	Green	Adjustable See Flash Mode Selection
	116EXMLEDR-Y6	120-240V AC 125-250V DC	0.215 A 0.176 A	Red	Adjustable See Flash Mode Selection
	116EXMLEDA-AQ	24V AC/DC	1.18AAC 0.79A DC	Amber	Adjustable See Flash Mode Selection
	116EXMLEDB-AQ	24V AC/DC	1.18AAC 0.79A DC	Blue	Adjustable See Flash Mode Selection
	116EXMLEDG-AQ	24V AC/DC	1.18AAC 0.79A DC	Green	Adjustable See Flash Mode Selection
	116EXMLEDR-AQ	24V AC/DC	1.18AAC 0.79A DC	Red	Adjustable See Flash Mode Selection
	116EXMLEDW-AQ	24V AC/DC	1.18AAC 0.79A DC	White/Clear ²	Adjustable See Flash Mode Selection

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.



Beacons: Explosionproof

Multi-Mode LED

116 Series

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B ¹	—
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.

Hazardous Location Ratings

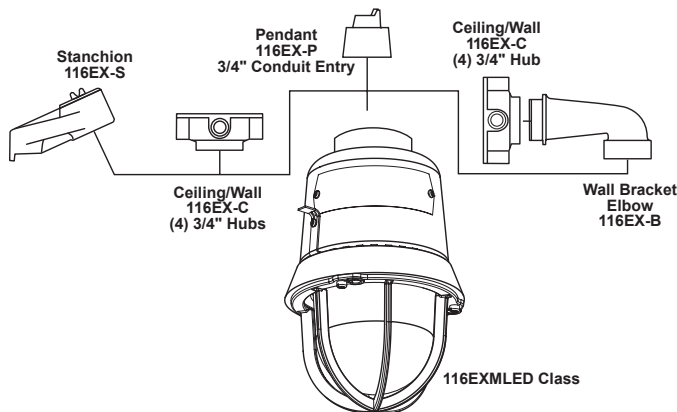
Cat. No.	Operating Temperature						
	Ambient Temp.	Supply Wire Temp. Marking	Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II, Div. 1 Groups E, F, G	Class II, Div. 2 Groups F, G	Class III, Div. 1 & 2
116 Series LED Beacon	40°C	75°C	T4 (135°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T3C (160°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T3C (160°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)	T4 (135°C)

Flash Mode Selection

Pattern	Description	Switch S4	Switch S3	Switch S2	Switch S1
Steady-On	Steady	OFF	OFF	OFF	OFF
Multiburst 1	7 Bursts - Delay- Repeat	OFF	OFF	OFF	ON
Multiburst 2	5 Bursts - Delay - Repeat	OFF	OFF	ON	OFF
Multiburst 3	10 Bursts - 3 Bursts - Repeat	OFF	OFF	ON	ON
Multiburst 4	8 Bursts - delay w/slight illumination - Repeat	OFF	ON	OFF	OFF
Flash 1	65 FPM 10% Duty Cycle	OFF	ON	OFF	ON
Flash 2	65 FPM 25% Duty Cycle	OFF	ON	ON	OFF
Flash 3	65 FPM 50% Duty Cycle	OFF	ON	ON	ON
Flash 4	65 FPM 75% Duty Cycle	ON	OFF	OFF	OFF
Flash 5	80 FPM 10% Duty Cycle	ON	OFF	OFF	ON
Flash 6	80 FPM 25% Duty Cycle	ON	OFF	ON	OFF
Flash 7	80 FPM 50% Duty Cycle	ON	OFF	ON	ON
Flash 8	80 FPM 75% Duty Cycle	ON	ON	OFF	OFF
Ramper	Ramps up and then ramps down	ON	ON	OFF	ON

Beacons: Explosionproof Multi-Mode LED 116 Series

Mounting Options



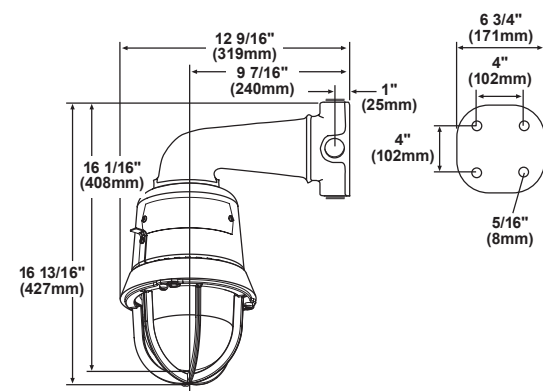
NOTE: 116EX-C must be used when application requires 116EX-B

Weights and Dimensions

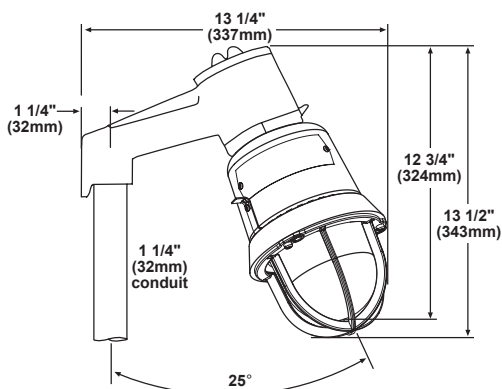
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116EXMLEDA-Y6	11.40	12.44
116EXMLEDDB-Y6	11.40	12.44
116EXMLEDW-Y6	11.40	12.44
116EXMLEDG-Y6	11.40	12.44
116EXMLEDR-Y6	11.40	12.44
116EXMLEDA-AQ	11.40	12.44
116EXMLEDDB-AQ	11.40	12.44
116EXMLEDG-AQ	11.40	12.44
116EXMLEDR-AQ	11.40	12.44
116EXMLEDW-AQ	11.40	12.44
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90

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

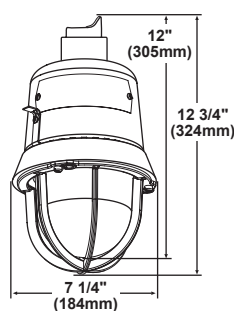
**Wall Mount
116EX-B**



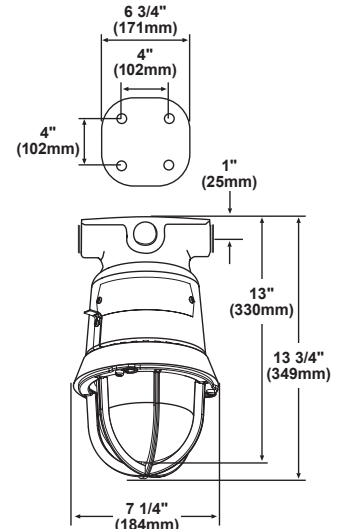
**Stanchion Mount
116EX-S**



**Pendant Mount
116EX-P**



**Ceiling Mount
116EX-C**



Beacons: Intrinsically Safe Flashing LED Klaxon Syrex Series

The Syrex IS beacon is an intrinsically safe visual beacon suitable for use in hazardous area applications.

With a low current consumption, the Syrex IS beacon is ideal for both warning and process control applications.

The Syrex IS beacon must be used with a galvanic isolator specified by the system certificates.

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)



3.74"



Ordering Information

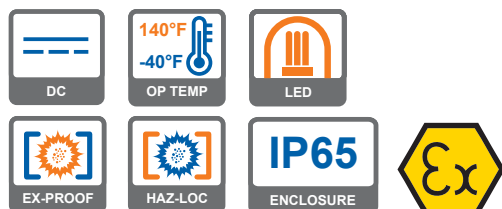
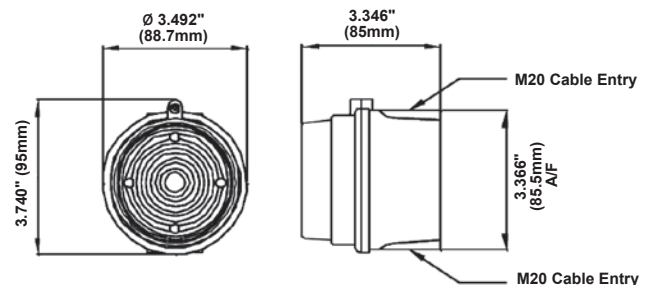
Description	Edwards Cat. No.	Klaxon Cat. No.	Operating Voltage	Current	Lens Color
IS-XN Beacon	17-970329	TCA-0026	6-28V DC	0.025 A	Red
	17-970337	TCA-0033	6-28V DC	0.025 A	Amber
	17-970338	TCA-0034	6-28V DC	0.025 A	Blue
	17-970339	TCA-0067	6-28V DC	0.025 A	Green

Accessories

Description	Edwards Cat. No.	Klaxon Cat. No.
Single Channel Galvanic Isolator	17-970362	TCA-0042
Dual Channel Galvanic Isolator	17-970395	TCA-0066
IS DIN Rail Enclosure (will accept 2X isolators)	17-970392	TCA-0065

Weights and Dimensions

Edwards Cat. No.	Klaxon Cat. No.	Approx. Net Weight (lb.)
17-970329	TCA-0026	0.77
17-970337	TCA-0033	0.77
17-970338	TCA-0034	0.77
17-970339	TCA-0067	0.77
17-970362	TCA-0042	0.50
17-970395	TCA-0066	0.50
17-970392	TCA-0065	0.50



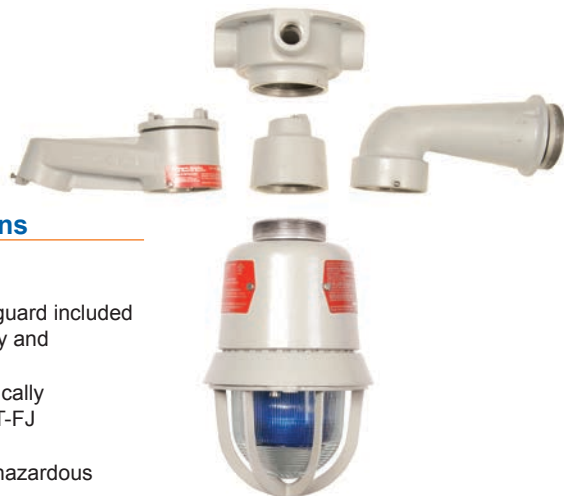
Beacons: Explosionproof Flashing Xenon 116 Series

Edwards 116DEXMST-FJ and 116EXMST Series Xenon strobe beacons are explosionproof, signaling devices suitable for use in hazardous indoor or outdoor applications requiring NEMA Type 3R or 4X installations. The housing is cast aluminum with a corrosion resistance epoxy powder coat, and includes a dome guard. The fluted, high-impact glass dome provides even light distribution.

The 116DEXMST-FJ Series is Diode Polarized for use in electrically supervised circuits. Both versions can be bracket, ceiling, pendant or stanchion mounted.

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	92-ST 3,000 hours. ²
	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	
	116EXMSTG-N5	120V AC	0.1 A	Green	800,000	116-Globe	116-ST-LG	
	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	92-ST 3,000 hours. ²
	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	
	116DEXMSTG-FJ	16 - 33V DC	0.95 A - 0.55 A	Green	800,000	116-Globe	116-ST-LG	
	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.

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B	—
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

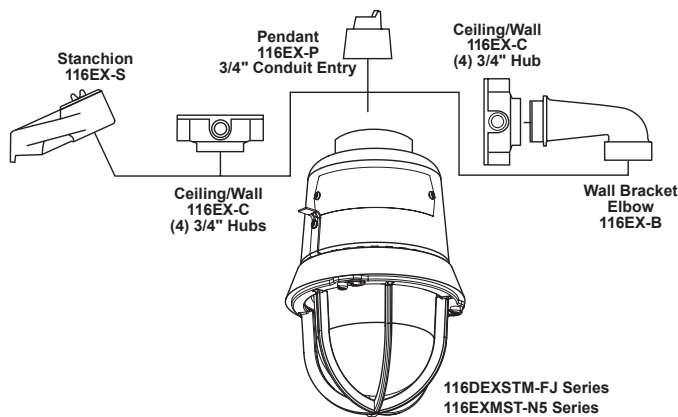


Beacons: Explosionproof Flashing Xenon 116 Series

Hazardous Location Listings			Operating Temperature			
Cat. No.	Ambient Temp.	Supply Wire Temp. Marking	Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group F, G
116DEXSTM*-FJ	40°C	75°C	T2D (215°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T2C (230°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
116EXMST*-N5	40°C	75°C	T4 (135°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T3C (160°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T3C (160°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red

Mounting Options

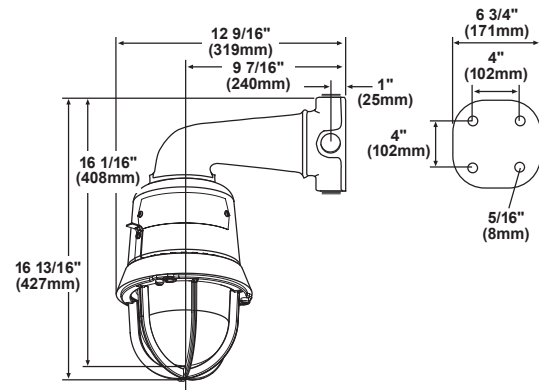


Beacons: Explosionproof Flashing Xenon 116 Series

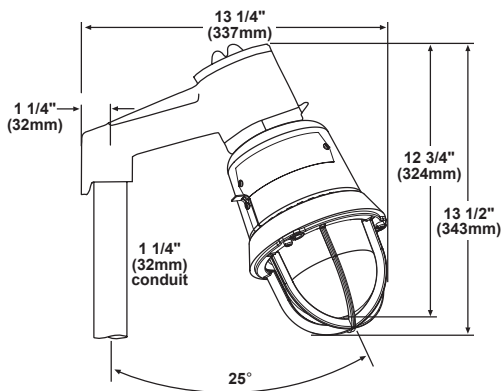
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116EXMSTA-N5	11.40	12.44
116EXMSTB-N5	11.40	12.44
116EXMSTC-N5	11.40	12.44
116EXMSTG-N5	11.40	12.44
116EXMSTM-N5	11.40	12.44
116EXMSTR-N5	11.40	12.44
116DEXMSTA-FJ	11.40	12.44
116DEXMSTB-FJ	11.40	12.44
116DEXMSTC-FJ	11.40	12.44
116DEXMSTG-FJ	11.40	12.44
116DEXMSTM-FJ	11.40	12.44
116DEXMSTR-FJ	11.40	12.44
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90

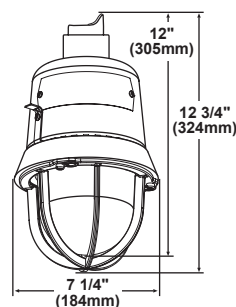
Wall Mount
116EX-B



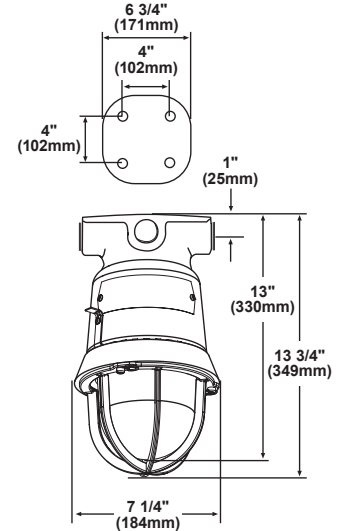
Stanchion Mount
116EX-S



Pendant Mount
116EX-P



Ceiling Mount
116EX-C



Beacons: Explosionproof Flashing Xenon 116 Series

Edwards 116EXST-EK Series Xenon strobe beacons are explosionproof, signaling devices suitable for use in hazardous indoor or outdoor applications requiring NEMA Type 3R or 4X installations. The housing is cast aluminum with a corrosion resistance epoxy powder coat, and includes a dome guard. The fluted, high-impact glass dome provides even light distribution.

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"

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	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	—
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

Hazardous Location Listings

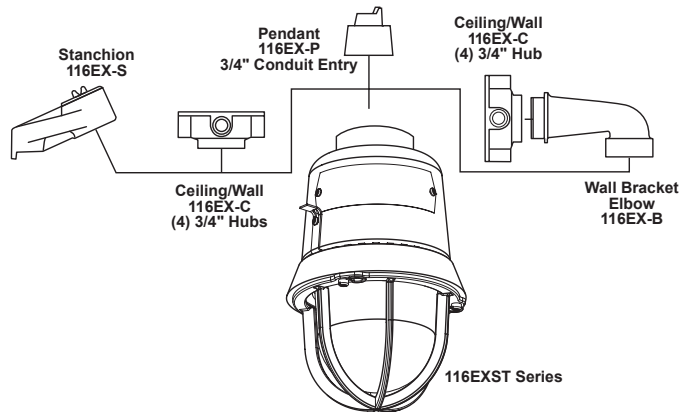
Cat. No.	Ambient Temp.	Supply Wire Temp. Marking	Operating Temperature			
			Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
116EXST*-EK	40°C	75°C	T3 (200°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T3 (200°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T2D (215°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



Beacons: Explosionproof Flashing Xenon 116 Series

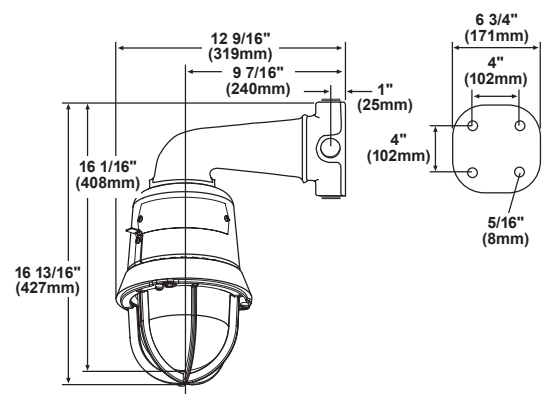
Mounting Options



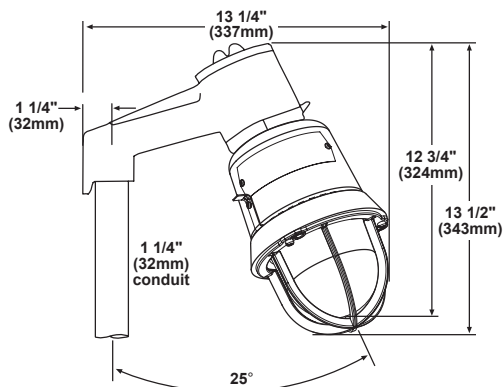
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116EXSTA-EK	11.40	12.44
116EXSTB-EK	11.40	12.44
116EXSTG-EK	11.40	12.44
116EXSTM-EK	11.40	12.44
116EXSTR-EK	11.40	12.44
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90

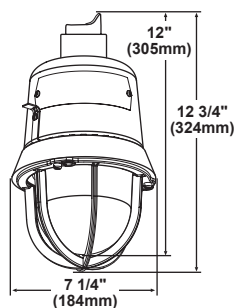
Wall Mount
116EX-B



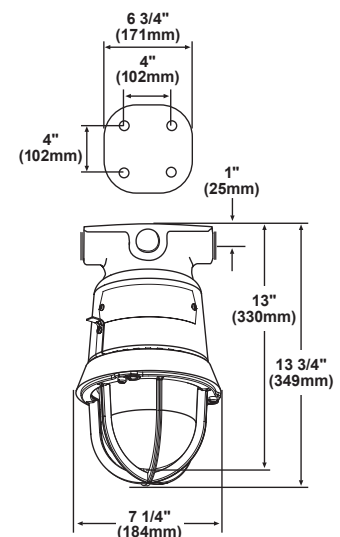
Stanchion Mount
116EX-S



Pendant Mount
116EX-P



Ceiling Mount
116EX-C



Beacons: Explosionproof Flashing Xenon 116 Series

Edwards 116DEXSTC-FJ Series Xenon strobe beacons are explosionproof, signaling devices suitable for use in hazardous indoor or outdoor applications requiring NEMA Type 3R or 4X installations. The housing is cast aluminum with a corrosion resistance epoxy powder coat, and includes a dome guard. The fluted, high-impact glass dome provides even light distribution.

The 116DEXSTC-FJ Series is Diode Polarized for use in electrically supervised circuits, such as fire alarm systems. The strobe, when wall, ceiling or pendant mounted, is UL 1971 listed (ADA) for indoor visual signaling applications for the hearing impaired in non-sleeping areas. The unit can be stanchion mounted as well (non-fire alarm use).

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



7.25"

C

NOTE: Mounting options not included (ordered separately)

Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	Lens Colors	Candela	Replacement	
						Dome	Strobe Tube
Xenon Strobe	116DEXSTC-FJ	24V DC	0.774 A (Max. DC) 1.14 A (Max. FWR)	Clear	60 ²	116-Globe	92-ST 3,000 hours. ³

¹UL Regulated 16V to 33V DC/FWR.

²UL 1971 Fire Alarm output rating, 800,000 peak candela for non-fire alarm listing.

³Calculated at operating power to 75% efficiency.

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B ⁴	—
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT
Stanchion Mounting Module ⁵	116EX-S	1 1/4" NPT

⁴Wall mount requires both 116EX-B and 116EX-C.

⁵For non-fire alarm use.

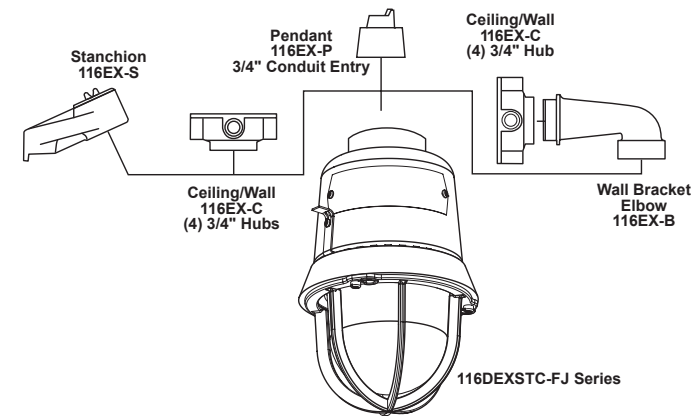
Hazardous Location Listings

Cat. No.	Ambient Temp.	Supply Wire Temp. Marking	Operating Temperature			
			Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group F, G
116DEXSTC-FJ	40°C	75°C	T2D (215°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T2C (230°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)



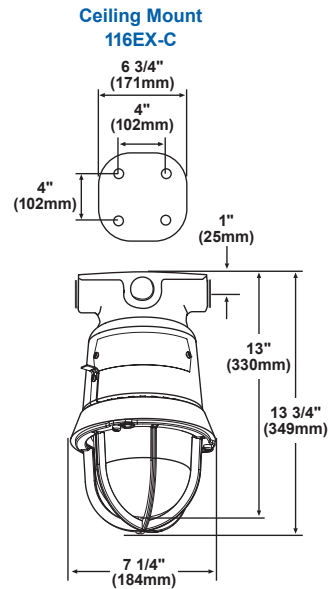
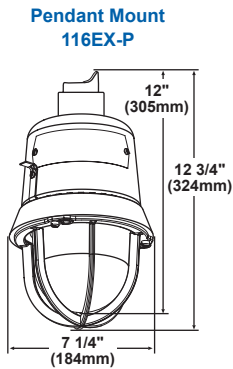
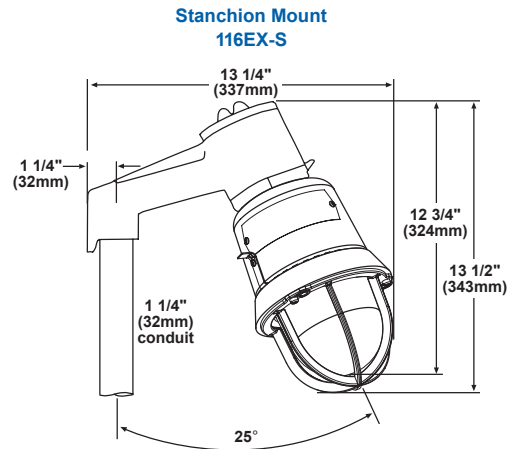
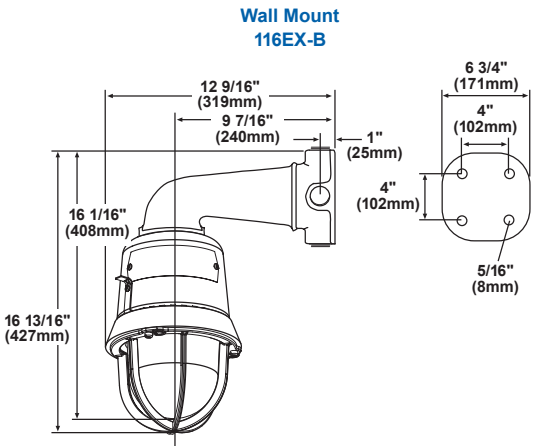
Beacons: Explosionproof Flashing Xenon 116 Series

Mounting Options



Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116DEXSTC-FJ	11.40	12.44
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90



Beacons: Explosionproof Fire Alarm Flashing Xenon 116 Series



Edwards 116 Series Genesis fire alarm strobe is designed for use in Class 1, Division 1 and 2 explosionproof and hazardous location applications where electrical supervision is required. The diode-polarized strobe is intended for indoor use in UL 1971 listed compatible fire alarm systems and is ADA compliant for the hearing impaired.

116 Series Genesis strobe provides 125 cd ceiling and 60 cd wall light output. With the guard installed, the strobe flashes with an output of 86 cd ceiling and 51 cd wall.

These units are UL 1638 and cUL listed for outdoor use as a NEMA Type 3R and 4X enclosure; and Canada (cUL) to Canadian standard ULC-S526-07 suitable for indoor or outdoor applications.

The strobes are designed to flash at the same rate (synchronize) when used with a compatible synchronization source, such as the EG1M-RM synchronization module, E-FSC and E-FSA fire panels, and EBPS series booster supplies.

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.



7.25"

C

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	0.505 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-B ³	—
Ceiling/Wall Mounting Module	116EX-C	3/4" NPT
Pendant Mounting Module	116EX-P	3/4" NPT

²Mounting modules must be ordered separately.

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

Accessories

Description	Cat. No.	Conduit Size
Synchronization Module	EG1M-RM	—

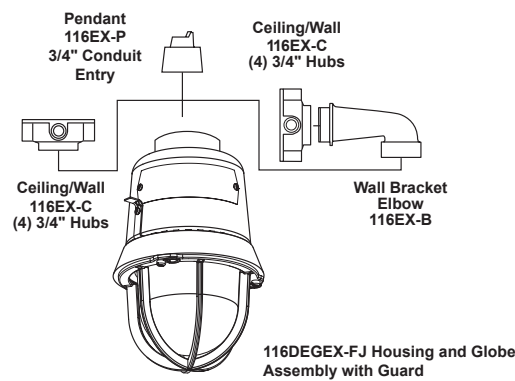
Hazardous Location Ratings

Cat. No.	Operating Temperature					
	Ambient Temp.	Supply Wire Temp. Marking	Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II, Div. 1 Groups E, F, G, & Class III	Class II, Div. 2 Groups F, G, & Class III
116 Series	40°C	75°C	T2B (260°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T2B (260°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T2B (260°C)	T6 (85°C)	T3C (160°C)	T3C (160°C)



Beacons: Explosionproof Fire Alarm Flashing Xenon 116 Series

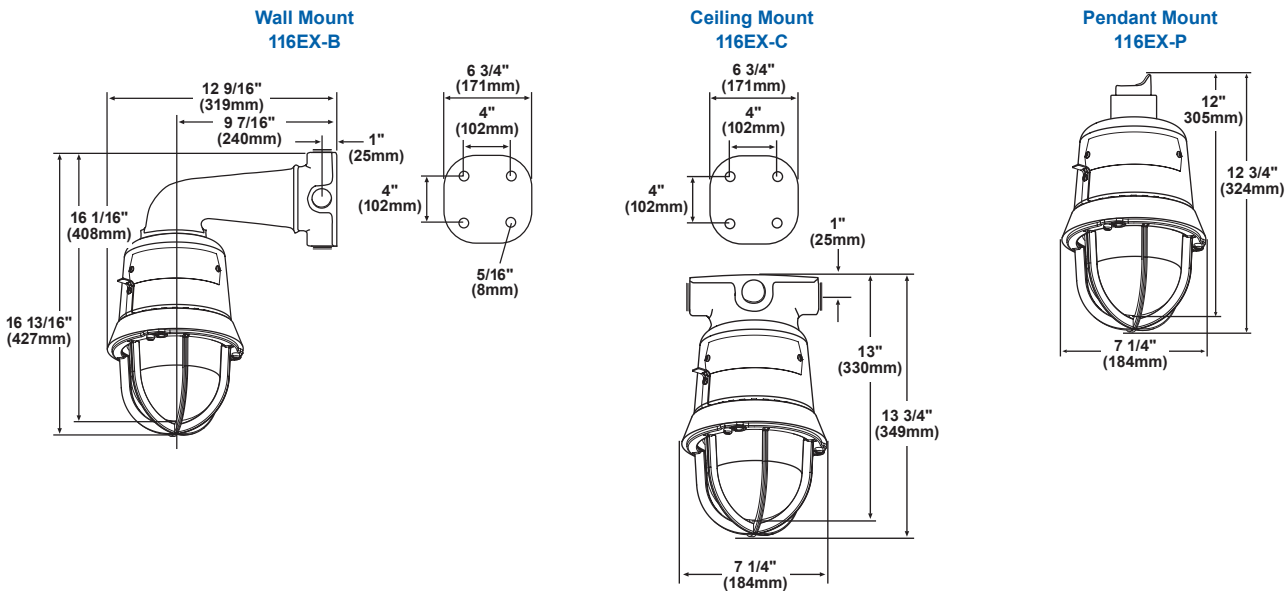
Mounting Options



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

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116DEGEX-FJ	11.40	12.44
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
EG1M-RM	1.00	1.25



Beacons: Explosionproof Flashing Xenon 116 Series



Edwards 116 Series mass notification strobes are designed for use in Class 1, Division 1 and 2 explosionproof and hazardous location (non fire alarm) applications where electrical supervision is required. The units feature two lenses, an outer clear globe, and an inner colored lens available in amber, red, green, blue or magenta.

This diode-polarized unit is UL 1638 and cUL listed for outdoor use as a NEMA Type 3R and 4X enclosure. The strobe has been evaluated to UL 1971 polar plot requirements with on axis light output values.

The 116 Series features an enhanced synchronization circuit to comply with the latest requirements of UL 1971, signaling devices for the hearing impaired, and the Canadian standard CAN/ULC S526. Synchronized operation requires a separately installed synchronization control module, compatible Edwards control panel or booster power supply.

Mounting options are available (ordered separately) for wall, ceiling and pendant mounts. The unit is supplied with a guard installed over the clear outer globe for additional protection against impact.

Features and Specifications

- Xenon light source
- Clear globe with dome guard
- Five lens colors
- Flash rate 60 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 ¹	Current	Lens Colors	Light Output UL 1971	Replacement	
						Dome	Guard
Explosionproof Mass Notification Strobe	116DEGEXA-FJ	24V DC	0.505 A, DC, RMS 0.683 A, FWR, RMS	Amber	36 cd	116-Globe	116-GRD
	116DEGEXB-FJ	24V DC	0.505 A, DC, RMS 0.683 A, FWR, RMS	Blue	14 cd	116-Globe	116-GRD
	116DEGEXG-FJ	24V DC	0.505 A, DC, RMS 0.683 A, FWR, RMS	Green	19 cd	116-Globe	116-GRD
	116DEGEXM-FJ	24V DC	0.505 A, DC, RMS 0.683 A, FWR, RMS	Magenta	9 cd	116-Globe	116-GRD
	116DEGEXR-FJ	24V DC	0.505 A, DC, RMS 0.683 A, FWR, RMS	Red	6 cd	116-Globe	116-GRD

¹Regulated 16V to 33V DC/FWR.



Beacons: Explosionproof Flashing Xenon 116 Series

Required Mounting Options

Description	Cat. No.	Conduit Size
Wall Bracket Mounting Elbow	116EX-B ¹	—
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.

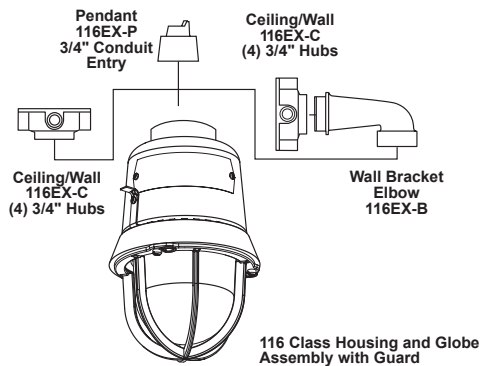
Accessories

Description	Cat. No.	Conduit Size
Synchronization Module	EG1M-RM	—

Hazardous Location Ratings

Cat. No.	Operating Temperature					
	Ambient Temp.	Supply Wire Temp. Marking	Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Groups F, G
116 Series	40°C	75°C	T2B (260°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T2B (260°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T2B (260°C)	T6 (85°C)	T3C (160°C)	T3C (160°C)

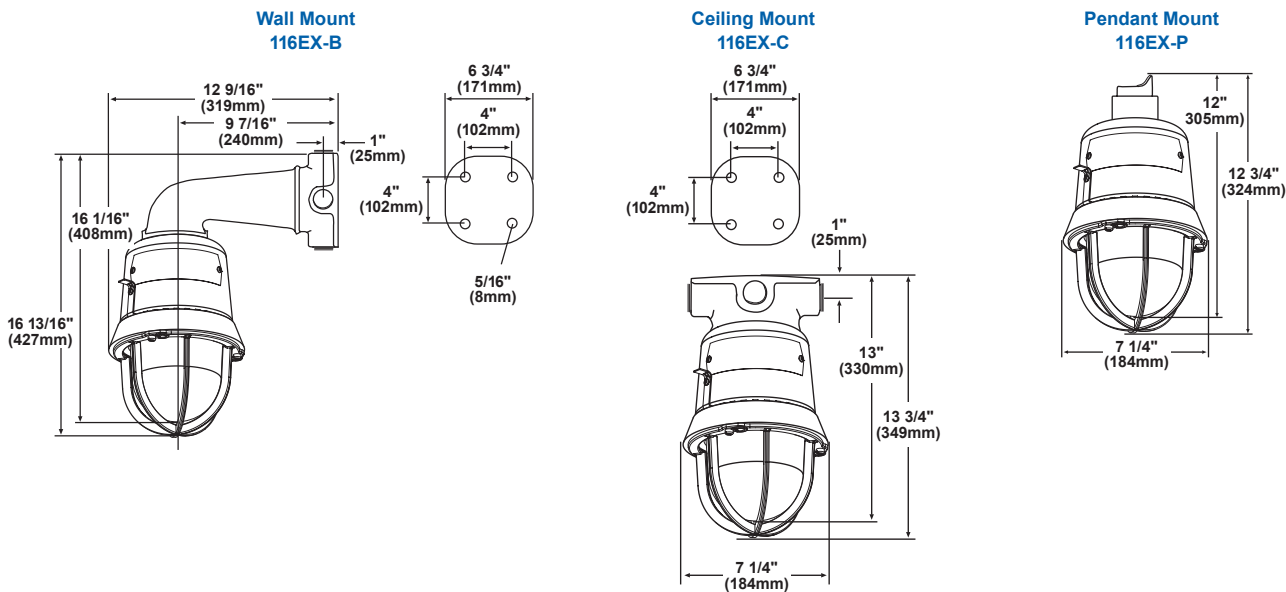
Mounting Options



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

Beacons: Explosionproof Flashing Xenon 116 Series

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116DEGEXA-FJ	11.40	12.44
116DEGEXB-FJ	11.40	12.44
116DEGEXG-FJ	11.40	12.44
116DEGEXM-FJ	11.40	12.44
116DEGEXR-FJ	11.40	12.44
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
EG1M-RM	1.00	1.25



Beacons: Explosionproof Flashing Xenon Klaxon Syrex Series

The Exd Beacon is a powerful Xenon beacon suitable for use in hazardous area applications. Certified to II 2G Exd IIC T6, it is suitable for use in Zone 1 and Zone 2 areas. With a choice of two lens colors (red and amber), IP67 ingress protection and rugged design, it is suitable for use in indoor and outdoor applications.

The unit is fitted with two 20mm cable entries and has terminals that accept 4mm² cable for ease of installation. Dual In/Out terminals are also available on request.

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)



6.02"

R A

Ordering Information

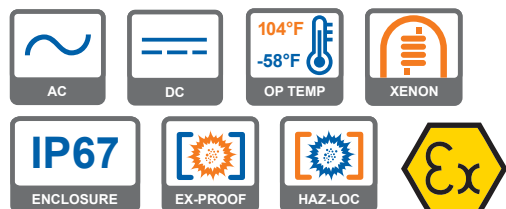
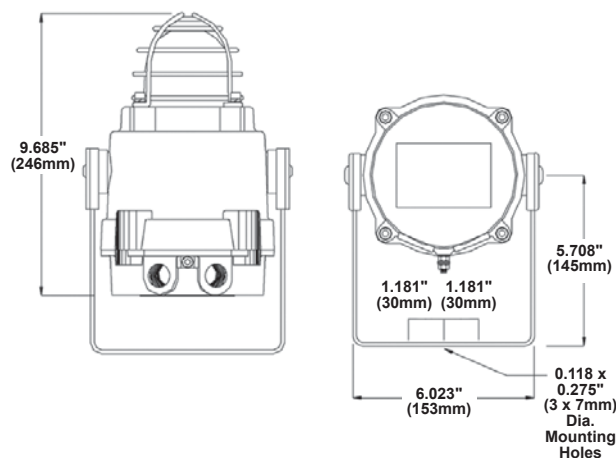
Description	Edwards Cat. No.	Klaxon Cat. No.	Operating Voltage	Current	Lens Colors	Light Output
Exd Beacon Xenon Strobe	17-970273	TCA-0068	110V AC @ 50 Hz ¹	0.140 A	Red	5J
	17-970276	TCA-0018	110V AC @ 50 Hz ¹	0.140 A	Amber	5J
	17-970272	TCA-0014	230V AC @ 50 Hz ¹	0.055 A	Red	5J
	17-970275	TCA-0017	230V AC @ 50 Hz ¹	0.055 A	Amber	5J
	17-970274	TCA-0015	24V DC	0.300 A	Red	5J
	17-970277	TCA-0019	24V DC	0.300 A	Amber	5J

¹AC voltage frequency is 50 Hz only.

NOTE: AC models not for U.S. use.

Weights and Dimensions

Edwards Cat. No.	Klaxon Cat. No.	Approx. Net Weight (lb.)
17-970272	TCA-0068	5.40
17-970273	TCA-0018	5.40
17-970274	TCA-0014	5.40
17-970275	TCA-0017	5.40
17-970276	TCA-0015	5.40
17-970277	TCA-0019	5.40



Beacons: Explosionproof Rotating Halogen 116 Series

Edwards 116EXMRIN Series rotating beacons are explosionproof, signaling devices suitable for use in hazardous indoor or outdoor applications. The housing is cast aluminum with a corrosion resistance epoxy powder coat, and includes a dome guard. The fluted, high-impact glass dome provides even light distribution. The unit can be bracket, ceiling, pendant or stanchion mounted.

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



7.25"



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	50LMP-40WH 25,000 hours. ²
	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	
	116EXMRINHG-N5	120V AC	0.35 A	Green	3,328	116-Globe	116-RIN-LG	
	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	—
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

Hazardous Location Listings

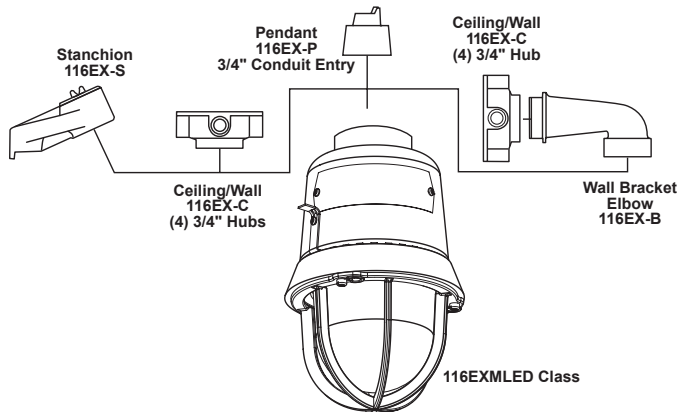
Cat. No.	Ambient Temp.	Supply Wire Temp. Marking	Operating Temperature			
			Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
116EXMRINH*-N5	40°C	75°C	T1 (450°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



Beacons: Explosionproof Rotating Halogen 116 Series

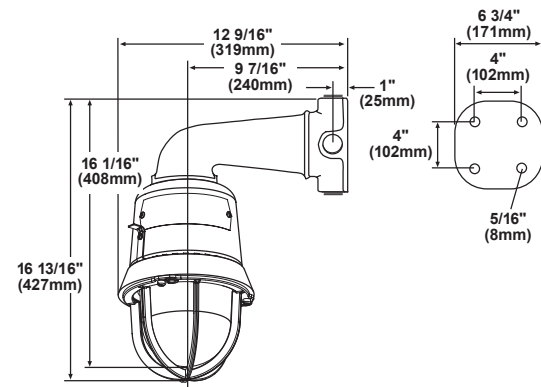
Mounting Options



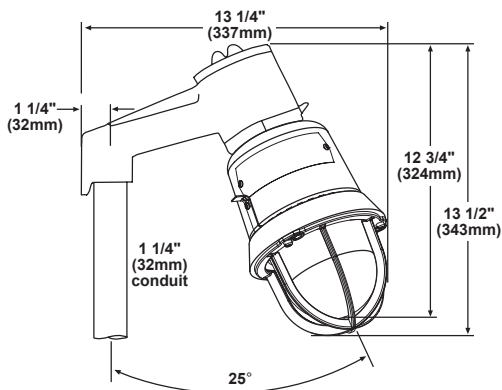
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116EXMRINHA-N5	11.60	13.00
116EXMRINHB-N5	11.60	13.00
116EXMRINHC-N5	11.60	13.00
116EXMRINHG-N5	11.60	13.00
116EXMRINHM-N5	11.60	13.00
116EXMRINHR-N5	11.60	13.00
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90

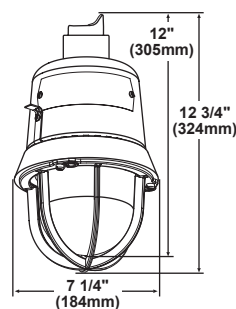
Wall Mount
116EX-B



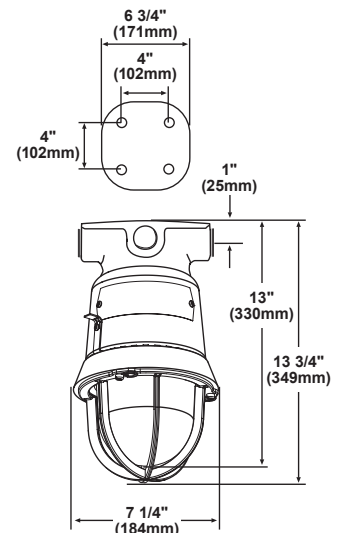
Stanchion Mount
116EX-S



Pendant Mount
116EX-P



Ceiling Mount
116EX-C



Beacons: Explosionproof Rotating Halogen 116 Series

Edwards 116DEXMRINH Series, supervised DC, rotating beacons are explosionproof, signaling devices designed for hazardous indoor or outdoor applications. The housing is cast aluminum with a corrosion resistance epoxy powder coat, and includes a dome guard. The fluted, high-impact glass dome provides even light distribution. The 116DEXMRINH Series is Diode Polarized for use in electrically supervised circuits and can be bracket, ceiling, pendant or stanchion mounted.

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	50LMP-20WH 25,000 hours. ¹
	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	
	116DEXMRINHG-GW	24 - 28V DC	0.8 A	Green	2838	116-Globe	116-RIN-LG	
	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	—
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

Hazardous Location Listings

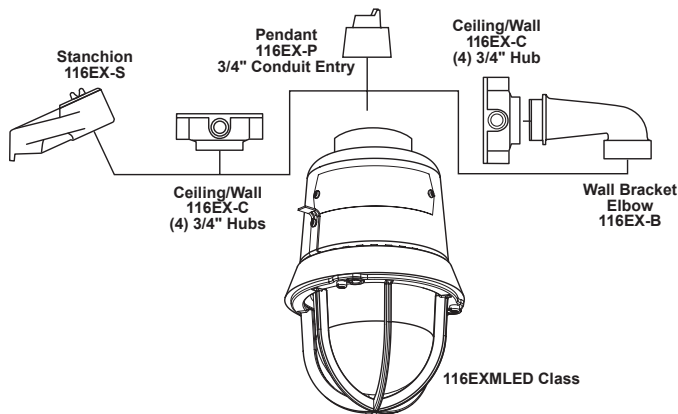
Cat. No.	Ambient Temp.	Supply Wire Temp. Marking	Operating Temperature			
			Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
116DEXMRINH*-GW	40°C	75°C	T3 (200°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T3 (200°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T2D (215°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



Beacons: Explosionproof Rotating Halogen 116 Series

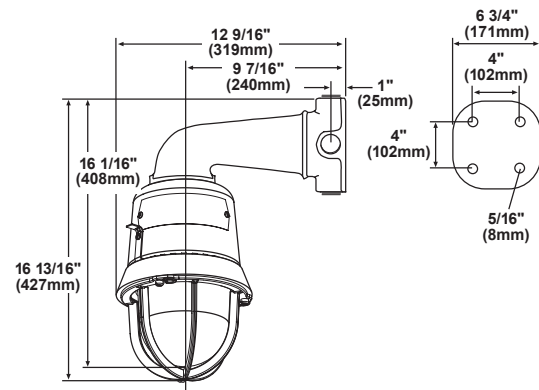
Mounting Options



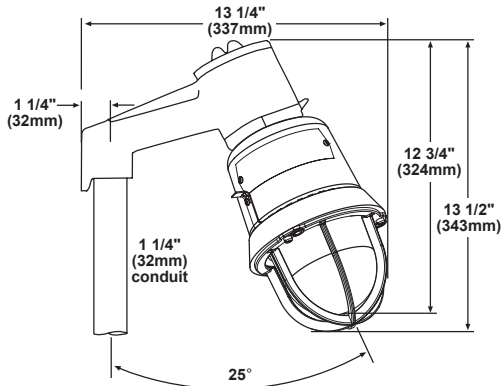
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116DEXMRINHA-GW	11.60	13.00
116DEXMRINHB-GW	11.60	13.00
116DEXMRINHC-GW	11.60	13.00
116DEXMRINHG-GW	11.60	13.00
116DEXMRINHM-GW	11.60	13.00
116DEXMRINHR-GW	11.60	13.00
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90

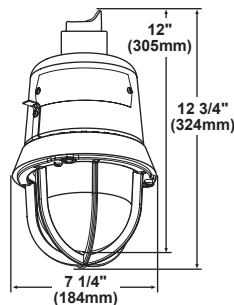
Wall Mount
116EX-B



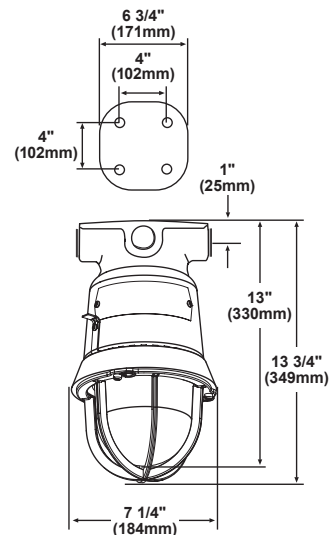
Stanchion Mount
116EX-S



Pendant Mount
116EX-P



Ceiling Mount
116EX-C



Beacons: Explosionproof Steady-On Halogen 116 Series

Edwards 116 Series steady-on beacons are explosionproof signaling devices, suitable for hazardous indoor or outdoor applications. The housing is cast aluminum with a corrosion-resistant epoxy powder coat, and includes a dome guard. The fluted, high-impact glass dome provides even light distribution.

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"

R A M G B C

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
	116DEXMSINHC-GW	24 - 28V DC	0.8 A	2838	Clear	116-GRD	116-Globe	116-RIN-LC	Bulb
	116DEXMSINHG-GW	24 - 28V DC	0.8 A	2838	Green	116-GRD	116-Globe	116-RIN-LG	25,000 hours. ¹
	116DEXMSINHM-GW	24 - 28V DC	0.8 A	2838	Magenta	116-GRD	116-Globe	116-RIN-LM	or Ind. Trade
	116DEXMSINHR-GW	24 - 28V DC	0.8 A	2838	Red	116-GRD	116-Globe	116-RIN-LR	No. 1692 ²

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

Hazardous Location Listings

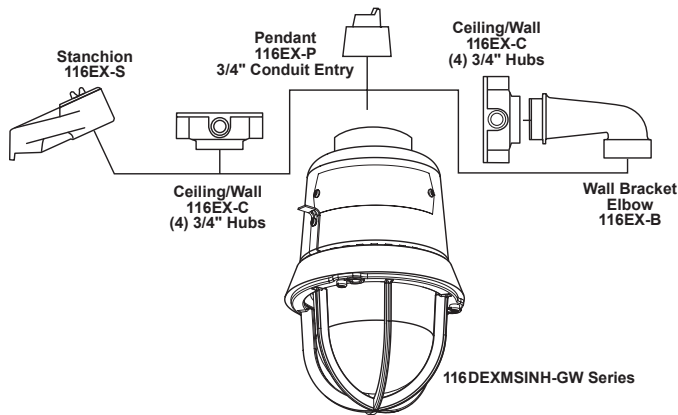
Cat. No.	Ambient Temp.	Supply Wire Temp. Marking	Operating Temperature			
			Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
116DEXMSINH*-GW	40°C	75°C	T3 (200°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T3 (200°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T2D (215°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



Beacons: Explosionproof Steady-On Halogen 116 Series

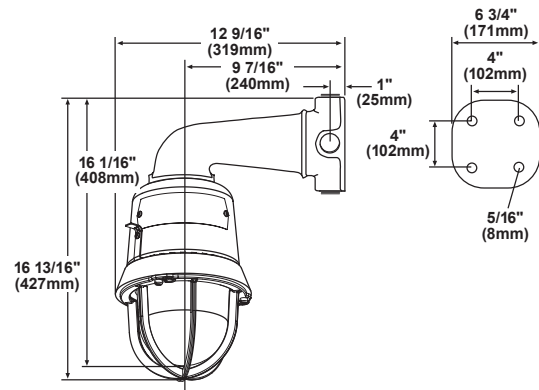
Mounting Options



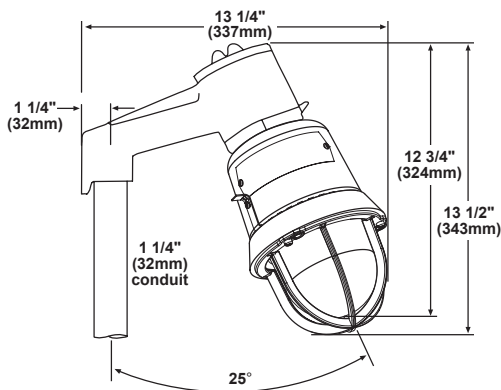
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116DEXMSINHA-GW	11.60	13.0
116DEXMSINHB-GW	11.60	13.0
116DEXMSINHC-GW	11.60	13.0
116DEXMSINHG-GW	11.60	13.0
116DEXMSINHM-GW	11.60	13.0
116DEXMSINHR-GW	11.60	13.0
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90

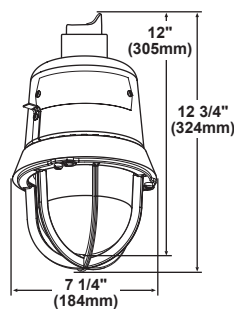
Wall Mount
116EX-B



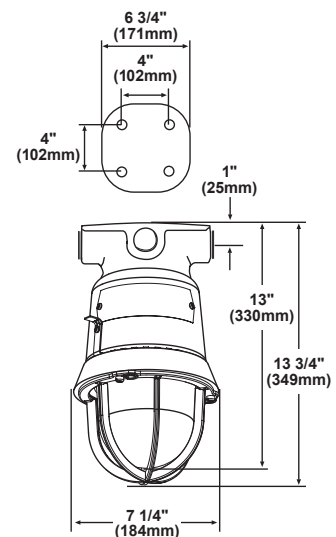
Stanchion Mount
116EX-S



Pendant Mount
116EX-P



Ceiling Mount
116EX-C



Beacons: Explosionproof Steady-On Halogen 116 Series

Edwards 116 Series steady-on beacons are explosionproof signaling devices, suitable for hazardous indoor or outdoor applications. The housing is cast aluminum with a corrosion-resistant epoxy powder coat, and includes a dome guard. The fluted, high-impact glass dome provides even light distribution.

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

Hazardous Location Listings

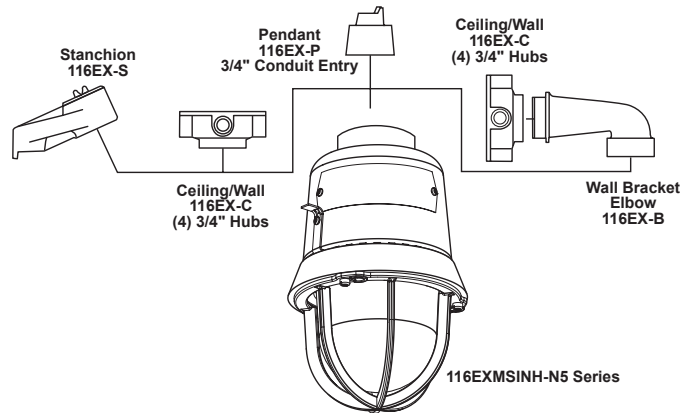
Cat. No.	Ambient Temp.	Supply Wire Temp. Marking	Operating Temperature			
			Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
116EXMSINH*-N5	40°C	75°C	T1 (450°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
	55°C	90°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)
	65°C	105°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



Beacons: Explosionproof Steady-On Halogen 116 Series

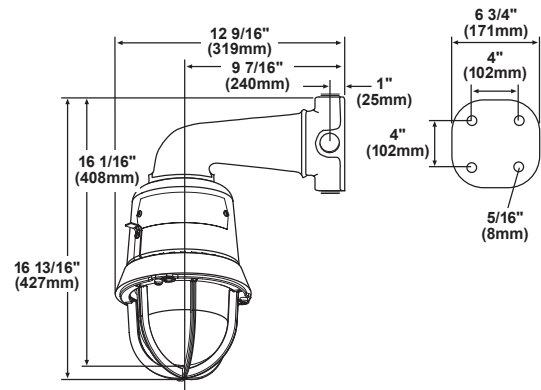
Mounting Options



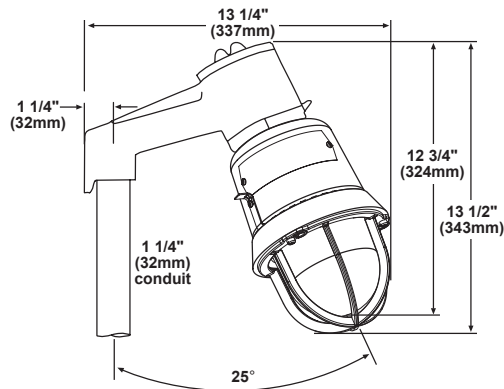
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
116EXMSINHA-N5	11.60	13.0
116EXMSINHB-N5	11.60	13.0
116EXMSINHC-N5	11.60	13.0
116EXMSINHG-N5	11.60	13.0
116EXMSINHM-N5	11.60	13.0
116EXMSINHR-N5	11.60	13.0
116EX-B	2.02	2.28
116EX-C	2.50	2.80
116EX-P	1.10	1.26
116EX-S	2.62	2.90

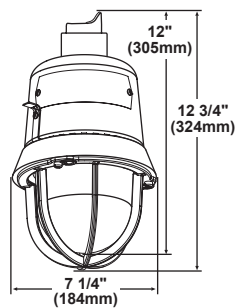
Wall Mount
116EX-B



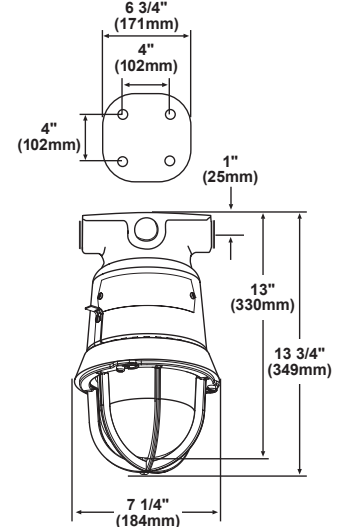
Stanchion Mount
116EX-S



Pendant Mount
116EX-P



Ceiling Mount
116EX-C



Beacons

Multi-Status LED

105XBri Series



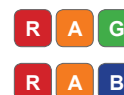
Edwards 105XBri Series XTRA-BRITE™ LED multi-status indicator is a UL and cUL listed, multicolor visual signaling device. It features a corrosion resistant NEMA Type 4X enclosure, listed for Marine use, and can be wall, surface or pipe mounted. The base is manufactured from from glass-reinforced thermoplastic polyester resin, providing high resistance to heat and high chemical resistivity. The double Fresnel lens is made of shatter resistant polycarbonate.

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: -31°F to 150°F (-35°C to 66°C)



4.5"



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 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>.

Signal Input Load Characteristics

These devices may be operated by PLCs with output characteristics that match the input load requirements of the signal.

Cat. No.	Operating Voltage ²	Max. Off State Leakage Current (A)	Continuous On Current (A)	Surge (inrush / duration)
105XBriRGA120A	120 VAC	0.005	0.100	28.5 A / 212 μSeconds
105XBriRGA24D	24 VDC	0.005	0.150	28 A / 65 μSeconds
105XBriRBA120A	120 VAC	0.005	0.100	28.5 A / 212 μSeconds
105XBriRBA24D	24 VDC	0.005	0.150	28 A / 65 μSeconds



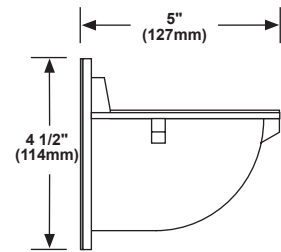
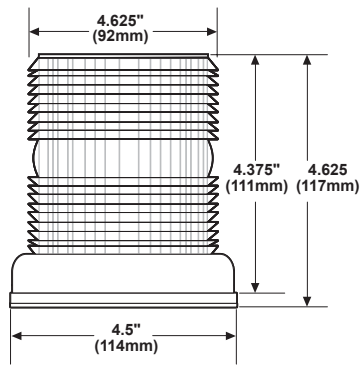
Beacons

Multi-Status LED

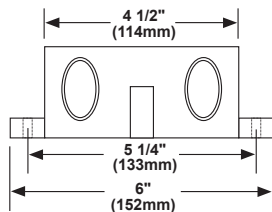
105XBri Series

Hazardous Location Ratings				
Cat. No.	Class	Division	Group	Operating Temperature
105XBriRGA120A 105XBriRGA24D	I	2	A, B, C, D	T5 (100°C, 212°F)
	II	2	F, G	T5 (100°C, 212°F)
	III			T5 (100°C, 212°F)
105XBriRBA120A 105XBriRBA24D	I	2	A, B, C, D	T6 (85°C, 185°F)
	II	2	G	T6 (85°C, 185°F)
	III			T6 (85°C, 185°F)

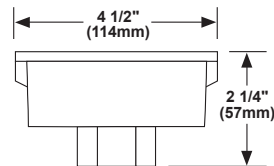
Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
105XBriRGA120A	1.6	1.8
105XBriRGA24D	1.6	1.8
105XBriRBA120A	1.6	1.8
105XBriRBA24D	1.6	1.8



Cat. No. 105BM Mounting Bracket
(Must be used with 105BX)



Cat. No. 105BX
Outlet Box Attachment
(4) 3/4" Threaded Hubs



Cat. No. 105PM
Pipe Mount Attachment
(Pipe mount is 3/4" NPT)

Beacons

Multi-Mode LED

107XBR Series



The 107XBR hazardous location XTRA-BRITE™ LED visual signals are NEMA Type 3R and Type 4 heavy-duty visual signals suitable for use in indoor or outdoor applications. The units are available in 24V DC or 120V AC and are field configurable for steady-on or flashing (65 fpm). The inner, double fresnel lens is made of a high grade polycarbonate and is designed to magnify the super-bright LEDs inside. A clear, outer, impact-resistant glass globe also covers the lens and an optional dome guard fits over the glass dome to protect it against accidental impacts with machinery or falling objects.

The 107XBR has three different mounting configurations including the pendant mount, bracket mount and ceiling mount and can be mounted on 3/4" NPT threaded conduit.

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
- UL Listed for Class I, Div 2, Groups A, B, C, D; Class II, Div 1, Groups E, F, G; Class II, Div 2, Groups F and G; Class III, Div 1



Ordering Information

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

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

Hazardous Locations Listings

Cat. No.	Operating Temperature				
	Pendant, Bracket and Ceiling Mount			Pendant Mount Only	
	Ambient Temp.	Class I, Div. 2, Groups A, B, C and D	Class II, Div. 1, Groups E, F, G	Class II, Div. 2, Groups F, G	Class III, Div. 1 & 2
107XBR	40°C	135°C (T4)	85°C (T6)	85°C (T6)	85°C (T6)
	55°C	135°C (T4)	85°C (T6)	85°C (T6)	85°C (T6)
	65°C	135°C (T4)	85°C (T6)	85°C (T6)	85°C (T6)

Note: Class II and Class III only apply to Pendant Mount with clear globes

Accessories

Description	Cat. No.
Optional Dome Guard	EDVPGU1

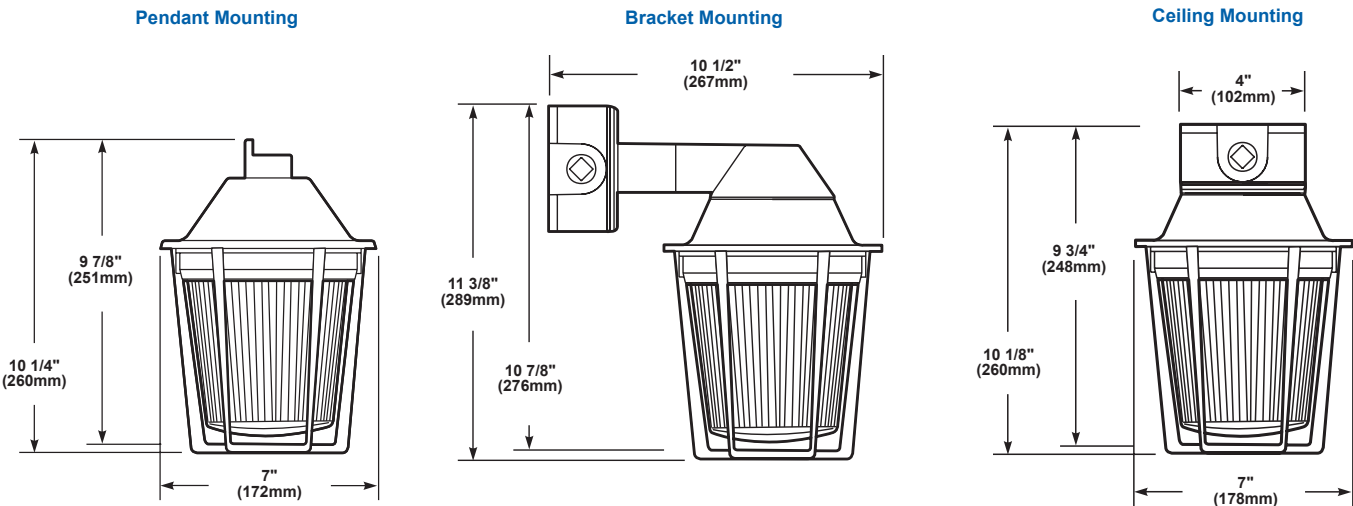
Beacons

Multi-Mode LED

107XBR Series

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
107XBRBM*120A	6.40	10.87
107XBRCM*120A	5.40	9.87
107XBRPM*120A	4.50	8.97
107XBRBM*24D	6.40	10.87
107XBRCM*24D	5.40	9.87
107XBRPM*24D	4.50	8.97

*Letter in this position designates lens color: A - amber, B - blue, G - green, R- red, W - clear



Beacons

Multi-Mode LED

105XBR Series



Edwards 105XBR Series XTRA-BRITE™ LED beacons are heavy-duty, multi-mode signaling devices, available in steady-on with the built-in option of switching to flashing mode via dipswitch. These signals are designed for use in industrial applications or applications where a NEMA Type 4X enclosure is required. The base is manufactured from glass-reinforced thermoplastic polyester resin and the double fresnel lens is made of shatter resistant polycarbonate. The unit can be panel, conduit or wall mounted.

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: -31F° to 150°F (-35°C to 66°C)



3.75"



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
	105XBRRMB120A	120V AC	0.108 A	Blue	148,000 hours	105-LB
	105XBRRMG120A	120V AC	0.108 A	Green	148,000 hours	105-LG
	105XBRRMR120A	120V AC	0.108 A	Red	148,000 hours	105-LR
	105XBRRMW120A	120V AC	0.108 A	White	148,000 hours	105-LC
LED Multi-mode DC	105XBDRMA24D	24V DC	0.215 A	Amber	148,000 hours	105-LA
	105XBDRMB24D	24V DC	0.215 A	Blue	148,000 hours	105-LB
	105XBDRMG24D	24V DC	0.215 A	Green	148,000 hours	105-LG
	105XBDRMR24D	24V DC	0.215 A	Red	148,000 hours	105-LR
	105XBDRMW24D	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>.

Accessories

Description	Cat. No.
Mounting Bracket	105BM ³
Outlet Box Attachment	105BX
Pipe Mount Attachment	105PM

³Must be used with the 105BX



Mounting Bracket



Outlet Box Attachment



Pipe Mount Attachment



Beacons

Multi-Mode LED

105XBR Series

Hazardous Location Listings

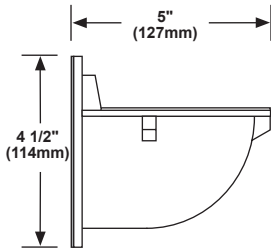
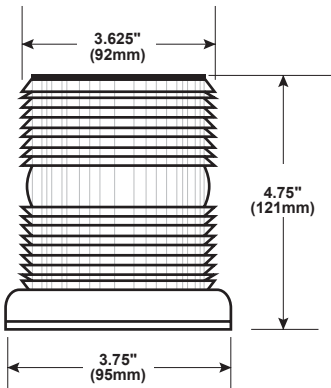
Cat. No.	Class	Division	Group	Operating Temperature
105XBRM*120A 105XBRM*24D	I	2	A, B, C, D	T4A (120°C, 248°F)
	II	2	F, G	T4A (120°C, 248°F)
	III			T4A (120°C, 248°F)

*Letter in this position designates LED color: A - amber, B - blue, G - green, R - red, or W - white

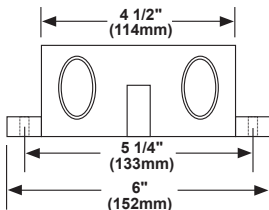
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
105XBRM*120A	1.20	1.40
105XBRM*24D	1.20	1.40
105BX	0.80	1.00
105BM	1.00	1.20
105PM	0.80	1.00

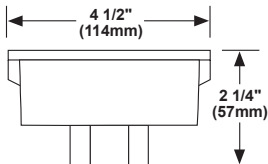
*Letter in this position designates LED color: A - amber, B - blue, G - green, R - red or W - white



Cat. No. 105BM Mounting Bracket
(use with 105BX)



Cat. No. 105BX
Outlet Box Attachment



Cat. No. 105PM
Pipe Mount Attachment
(Pipe mount is 3/4" NPT)

Beacons

Flashing Xenon

105 Series

Edwards 105 Series Xenon strobe beacons are heavy-duty visual signals suitable for use in indoor and outdoor applications where a corrosion resistant NEMA Type 4X enclosure is required. Base material is gray, manufactured from glass-reinforced thermoplastic polyester resin and features brass hardware. The double fresnel lens is made of shatter-resistant polycarbonate.

The 105DHISTC-FJ high intensity strobe is designed for use in compatible fire alarm system and other applications requiring electrical supervision of signaling circuit field wiring.

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



4.5"



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.

Accessories		
Description	Cat. No.	
Wall Mount Bracket	105BM ²	
Outlet Box Attachment	105BX	
Pipe Mount Attachment	105PM	
		Wall Mount Bracket Outlet Box Attachment Pipe Mount Attachment

²Must be used with the 105BX

Hazardous Location Listings				
Cat. No.	Class	Division	Group	Operating Temperature
105HIST*-N5 105HIST*-R5	I	2	A, B, C, D	T2 (300°C, 572°F)
	II	2	F, G	T3B (165°C, 329°F)
	III			T3B (165°C, 329°F)
105HIST*-EK 105DHISTC-FJ 105DHIST*-FJ	I	2	A, B, C, D	T2A (280°C, 536°F)
	II	2	F, G	T3B (165°C, 329°F)
	III			T3B (165°C, 329°F)
105ST*-G1 105ST*-N5 105ST*-R5	I	2	A, B, C, D	T3 (200°C, 392°F)
	II	2	F, G	T4A (120°C, 248°F)
	III			T4A (120°C, 248°F)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red

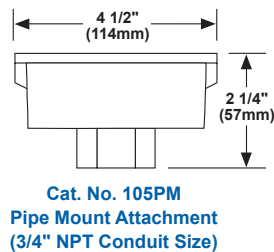
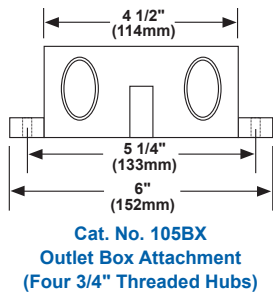
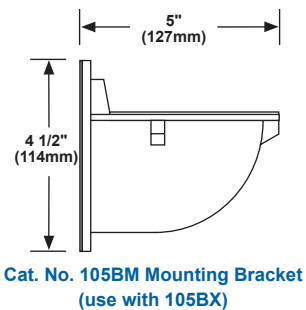
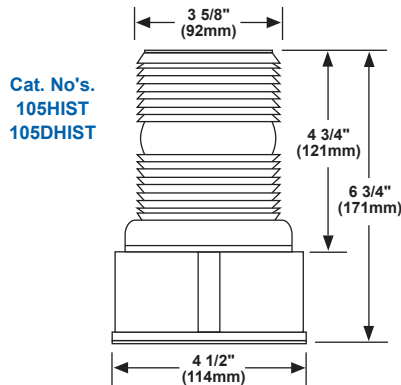
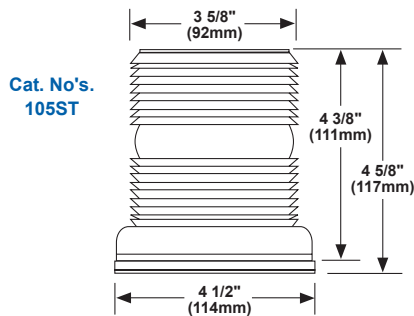
Beacons

Flashing Xenon

105 Series

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
105ST*-G1	1.06	1.22
105ST*-N5	1.01	1.17
105ST*-R5	1.01	1.17
105DHIST*-FJ	1.30	1.63
105HIST*-N5	1.30	1.63
105HIST*-R5	1.30	1.63
105HIST*-EK	1.30	1.63
105PM	0.80	1.00
105BM	1.00	1.20
105BX	0.80	1.00

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red



Beacons
Flashing Xenon
96 Series

Edwards 96DV2 Series Xenon strobe beacons are light duty visual signals suitable for use in industrial, commercial and institutional applications where short term intermittent visual signaling is required. Optically designed fresnel lenses improve viewer perception for indoor, outdoor and wet locations requiring Division 2 and NEMA Type 4X specifications.

The 96DV2 Series can be panel or conduit mounted. Trigger and timing circuits are included as integral parts of the power supply. Replacement costs are reduced, as it is necessary to replace only the strobe tube.

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

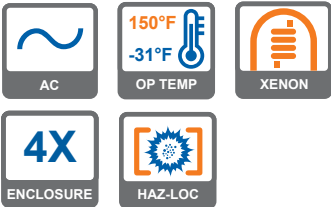
Description	Cat. No.	Operating Voltage ¹	Current	Lens Colors	Peak Candela	Replacement	
						Lens	Strobe Tube
Xenon Strobe	96DV2A-N5	120V AC	0.03 A	Amber	300,000	96-LA	91B-ST 3,000 hour ²
	96DV2B-N5	120V AC	0.03 A	Blue	300,000	96-LB	
	96DV2C-N5	120V AC	0.03 A	Clear	300,000	96-LC	
	96DV2G-N5	120V AC	0.03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

Cat. No.	Class	Division	Group	Operating Temperature Code
96DV2*-N5	I	2	A,B,C,D	T3C (160°C, 320°F)
	II	2	F,G	T6 (85°C, 185°F)
	III	—	—	T6 (85°C, 185°F)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



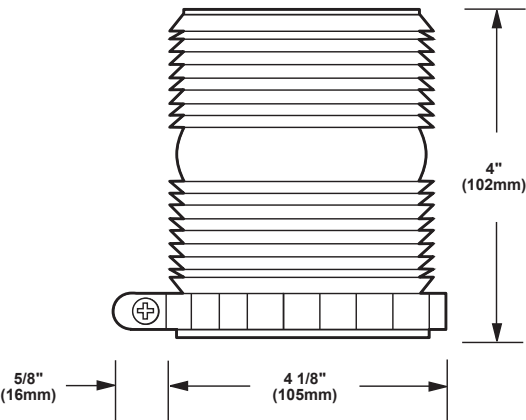
Beacons

Flashing Xenon

96 Series

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
96DV2*-N5	1.29	1.45

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red



Beacons

Flashing Xenon

94 Series

Edwards 94 Series Xenon strobe beacons are heavy-duty visual signals suitable for use where more frequent and longer lasting signaling cycles may be required. Optically designed fresnel lenses improve viewer perception for indoor and outdoor applications. The base is cast metal and can be utilized as a junction box.

The 94DV2 Series Division 2 Xenon strobe beacons are high profile visual signals suitable for outdoor and wet locations requiring a UL Listed, NEMA Type 4X enclosure. The 94DDV2 Series is Diode Polarized for use in electrically supervised circuits. Both versions can be conduit mounted.

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



8 1/16"

R A M G B C

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		
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.

Hazardous Location Listings

Cat. No.	Class	Division	Group	Operating Temperature Code
94DV2*-N5	I	2	A, B, C, D	T3 (200°C, 392°F)
	II	2	F, G	T6 (85°C, 185°F)
	III			T6 (85°C, 185°F)
94DDV2*-G1	I	2	A, B, C, D	T3 (200°C, 392°F)
	II	2	F, G	T6 (85°C, 185°F)
	III			T6 (85°C, 185°F)

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



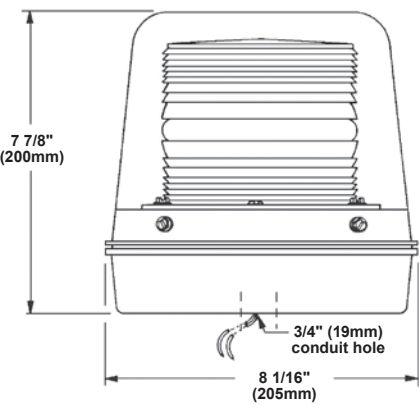
Beacons

Flashing Xenon

94 Series

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
94DV2*-N5	5.53	6.10
94DDV2*-G1	5.60	6.18

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red



Beacons

Flashing Xenon

107 Series

Edwards 107DDV2 and 107DV2 Series Xenon strobe beacons are signaling devices designed for installation in Division 2 environments requiring a NEMA Type 3R or 4X installation. Rigid specifications and state-of-the-art technology provide for high visual output and low maintenance.

The 107DDV2 Series is Diode Polarized for use in electrically supervised circuits. Both versions can be bracket, ceiling or pendant mounted.

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
- Option for bracket, ceiling or pendant mount
- Class I, Div 2, Groups A, B, C and D; Class II, Div 1, Groups E, F and G; Class II, Div 2, Groups F and G; Class III



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	EDVPGL1HR 92-ST 3,000 hr. ²
	107DV2CSTA-R5	240V AC	0.05 A	Amber	800,000	96-LA	
	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	
Ceiling Mount DC	107DV2CSTM-R5	240V AC	0.05 A	Magenta	800,000	96-LM	EDVPGL1HR 92-ST 3,000 hr. ²
	107DV2CSTR-R5	240V AC	0.05 A	Red	800,000	96-LR	
	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	EDVPGL1HR 92-ST 3,000 hr. ²
	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	
	107DV2CSTB-S1	250V DC	0.1 A	Blue	800,000	96-LB	
Pendant Mount AC	107DV2CSTC-S1	250V DC	0.1 A	Clear	800,000	96-LC	EDVPGL1HR 92-ST 3,000 hr. ²
	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	
	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	EDVPGL1HR 92-ST 3,000 hr. ²
	107DV2PSTR-N5	120V AC	0.1 A	Red	800,000	96-LR	
	107DV2PSTA-R5	240V AC	0.05 A	Amber	800,000	96-LA	
	107DV2PSTB-R5	240V AC	0.05 A	Blue	800,000	96-LB	
	107DV2PSTC-R5	240V AC	0.05 A	Clear	800,000	96-LC	EDVPGL1HR 92-ST 3,000 hr. ²
Pendant Mount DC	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	
	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	EDVPGL1HR 92-ST 3,000 hr. ²
	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	
	107DV2PSTB-S1	250V DC	0.1 A	Blue	800,000	96-LB	
	107DV2PSTC-S1	250V DC	0.1 A	Clear	800,000	96-LC	EDVPGL1HR 92-ST 3,000 hr. ²
	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

Hazardous Location Listings						
Cat. No.	Class	Division	Group	Ambient Temperature	Operating Temperature Code	
107DV2 [†] ST*-N5	I ²	2	A, B, C, D	40°C (104°F)	T2 (300°C, 572°F)	
107DV2 [†] ST*-R5				55°C (131°F)	T1 (450°C, 842°F)	
107DV2 [†] ST*-E5				65°C (149°F)	T1 (450°C, 842°F)	
107DDV2BST*-G1	II ²	1 ²	E, F, G	40°C (104°F)	T4A (120°C, 248°F)	
107DDV2CST*-G1		2 ²	F, G	55°C (131°F)	T4 (135°C, 275°F)	
107DDV2PST*-G1	III ²	1 and 2 ²		65°C (149°F)	T3C (160°C, 320°F)	

*Letter in this position designates color of the globe: A - amber, B - blue, C - clear, G - green, R - red or M - magenta.

²Pendant mount models only. Pendant mount models are also listed for use in Class II, Division 1, Groups E, F and G, Class II, Division 2, Groups F and G and Class III, Division 1 and 2 hazardous locations.

[†]Insert "B" for bracket mount, "C" for ceiling mount, or "P" for pendant mount.

Beacons

Flashing Xenon

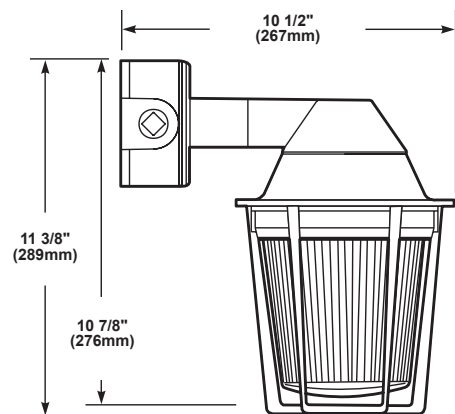
107 Series

Weights and Dimensions

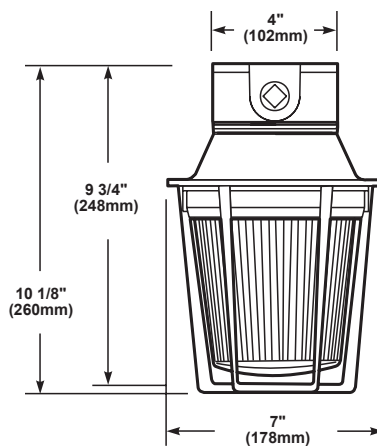
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
107DV2BST*-N5	6.36	10.83
107DV2BST*-R5	6.36	10.83
107DV2BST*-EK	6.70	11.16
107DV2BST*-S1	6.70	11.16
107DV2CST*-N5	5.30	9.76
107DV2CST*-R5	5.30	9.76
107DV2CST*-EK	5.63	10.10
107DV2CST*-S1	5.63	10.10
107DV2PST*-N5	3.80	8.26
107DV2PST*-R5	3.80	8.26
107DV2PST*-EK	4.13	8.60
107DV2PST*-S1	4.13	8.60
107DDV2BST*-G1	6.81	11.27
107DDV2CBST*-G1	5.74	10.21
107DDV2PST*-G1	4.24	8.71

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red

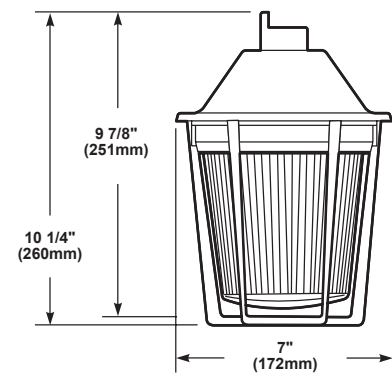
Bracket Mounting



Ceiling Mounting



Pendant Mounting



Beacons

Steady-On Halogen

105 Series

Edwards 105 Series steady-on Halogen beacons are NEMA Type 4X signaling devices, suitable for indoor or outdoor applications where a continuous (steady-on) light source is required. Base material is gray, manufactured from glass-reinforced thermoplastic polyester resin and features brass hardware. The double fresnel lens is made of shatter-resistant polycarbonate.

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



Beacons

Steady-On Halogen

105 Series

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

¹Must be used with 105BX.

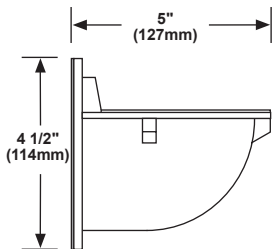
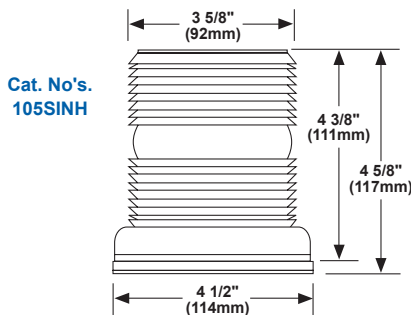


Hazardous Location Ratings				
Cat. No.	Class	Division	Group	Operating Temperature
105FINH*-G1	I	2	A, B, C, D	T2D (215°C, 419°F)
105SINH*-G1	II	2	F, G	T4A (120°C, 248°F)
105FINH*-G5	III			T4A (120°C, 248°F)
105SINH*-G5				T4A (120°C, 248°F)

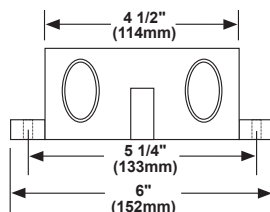
*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
105INH*-G1	0.88	1.04
105INH*-G5	0.88	1.04
105INH*-N5	0.88	1.04
105PM	0.80	1.00
105BX	0.80	1.00
105BM	1.00	1.20

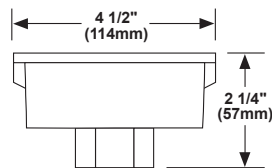
*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red



Cat. No. 105BM Mounting Bracket
(must use with 105BX)



Cat. No. 105BX
Outlet Box Attachment
(Four 3/4" threaded hubs)



Cat. No. 105PM
Pipe Mount Attachment
(Pipe mount is 3/4" NPT)

Beacons

Flashing Halogen

105 Series

Edwards 105 Series flashing Halogen beacons are NEMA Type 4X signaling devices, suitable for use in indoor or outdoor applications where an intermittent (flashing) light source is required. Base material is gray, manufactured from glass-reinforced thermoplastic polyester resin and features brass hardware. The double fresnel lens is made of shatter-resistant polycarbonate.

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			105-LR	
	105FINHA-N5	120V AC	0.2 A	Amber	2198	25W, 20,000 hours ^{1,2}	105-LA	50LMP-25WH or Ind. Trade No. 25T8DC ³
	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	
	105FINHM-N5	120V AC	0.2 A	Magenta			105-LM	
	105FINHR-N5	120V AC	0.2 A	Red			105-LR	
Flashing Beacon Halogen DC	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

Accessories

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

⁴Must be used with the 105BX.



Wall Mount Bracket



Outlet Box Attachment



Pipe Mount Attachment



Beacons

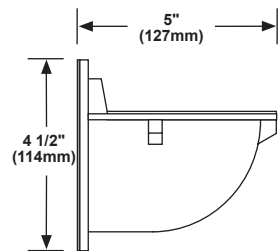
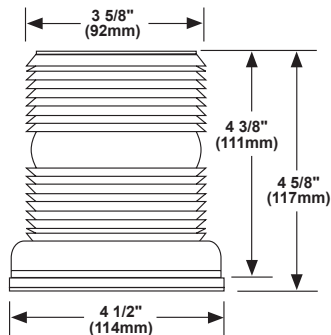
Flashing Halogen

105 Series

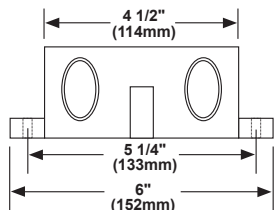
Hazardous Location Listings				
Cat. No.	Class	Division	Group	Operating Temperature
105FINH*-N5 105SINH*-N5	I	2	A, B, C, D	T2 (300°C, 572°F)
	II	2	F, G	T4 (135°C, 275°F)
	III			T4 (135°C, 275°F)

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
105FINH*-G5	0.88	1.04
105FINH*-N5	0.88	1.04
105FINH*-G1	0.88	1.04
105BX	0.80	1.00
105BM	1.00	1.20
105PM	0.80	1.00

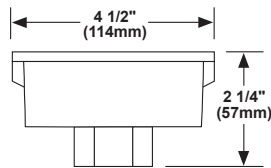
*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red



Cat. No. 105BM Mounting Bracket
(Must be used with 105BX)



Cat. No. 105BX
Outlet Box Attachment
(4) 3/4" Threaded Hubs



Cat. No. 105PM
Pipe Mount Attachment
(Pipe mount is 3/4" NPT)

Beacons

Rotating Halogen

58 Series

Edwards 58 Series rotating beacons are heavy-duty visual signals suitable for use in hazardous indoor and outdoor applications where a corrosion resistant NEMA Type 4X enclosure is required. Features a bayonet base and a polycarbonate dome allows for easy cleaning. Ideal for use in high ambient noise applications where audible or visual signals are difficult to distinguish.

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



CBR
Corner Mount Bracket

WBR
Wall Mount Bracket

Hazardous Location Listings

Cat. No.	Class	Division	Group	Operating Temperature Code
58*-N5-100WH	I	2	A,B,C,D	T1 (450°C, 842°F)
	II	2	F,G	T6 (85°C, 185°F)
	III	1		T6 (85°C, 185°F)

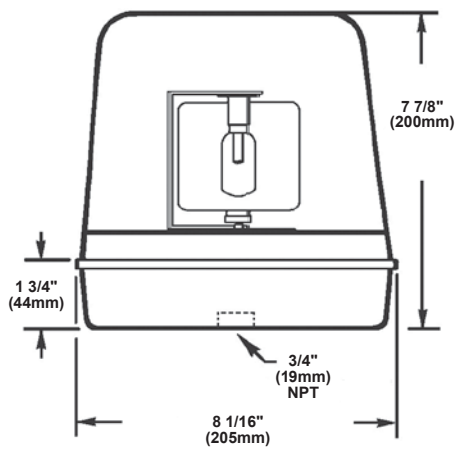
*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta, or R - red



Beacons
Rotating Halogen
58 Series

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
58*-N5-100WH	5.60	6.20
CBR	4.00	4.20
WBR	2.30	2.50

*Letter in this position designates lens color: A - amber, B - blue, C - clear, G - green, M - magenta or R - red



Klaxon Sounder Beacons: Intrinsically Safe Electronic Tone Syrex Series

The Syrex IS sounder/beacon is an intrinsically safe alarm which provides an audible and visual warning signal in hazardous area applications.

With three alarm stages and a low current consumption, the Syrex IS sounder/beacon is ideal for both fire and process control applications.

The Syrex IS sounder/beacon must be used with a galvanic isolator specified by the system certificates.

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"

R A G B

Ordering Information

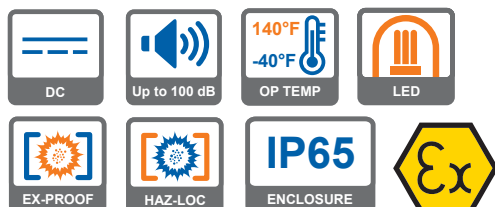
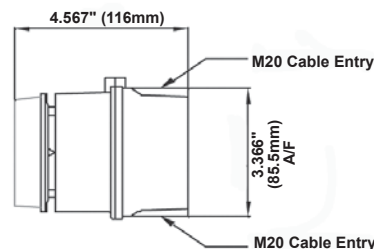
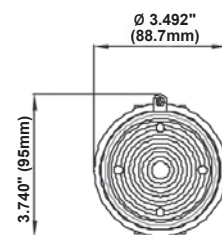
Description	Edwards Cat. No.	Klaxon Cat. No.	Operating Voltage	Current (Tone dependent)	Lens Color	dB at 1m/10ft. (Tone dependent)
IS-SB Sounder Beacon	17-970341	TCA-0037	6-28V DC	0.048 A	Amber	Up to 100/90
	17-970342	TCA-0038	6-28V DC	0.048 A	Blue	Up to 100/90
	17-970343	TCA-0039	6-28V DC	0.048 A	Green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

Accessories

Description	Edwards Cat. No.	Klaxon Cat. No.
Single Channel Galvanic Isolator	17-970362	TCA-0042
Dual Channel Galvanic Isolator	17-970395	TCA-0066
IS DIN Rail Enclosure, accepts two isolators	17-970392	TCA-0065

Weights and Dimensions

Edwards Cat. No.	Klaxon Cat. No.	Approx. Net Weight (lb.)
17-970341	TCA-0037	0.77
17-970342	TCA-0038	0.77
17-970343	TCA-0039	0.77
17-970330	TCA-0029	0.77



Bells: Explosionproof Single Stroke 330EX Series

Edwards 330EX Series single stroke bells produce a clearly defined note for timing, scheduling, paging and general alarm applications. Coded, intermittent current may be used to cause the striker to gong, pause and strike again for any specified period of time. Designed for use in hazardous locations, they have a NEMA Type 4 housing.

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

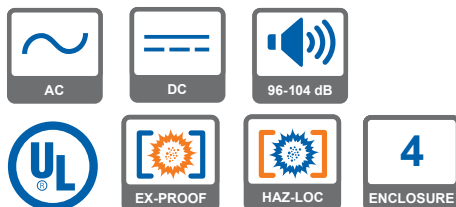


Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current ²	Gong Size	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

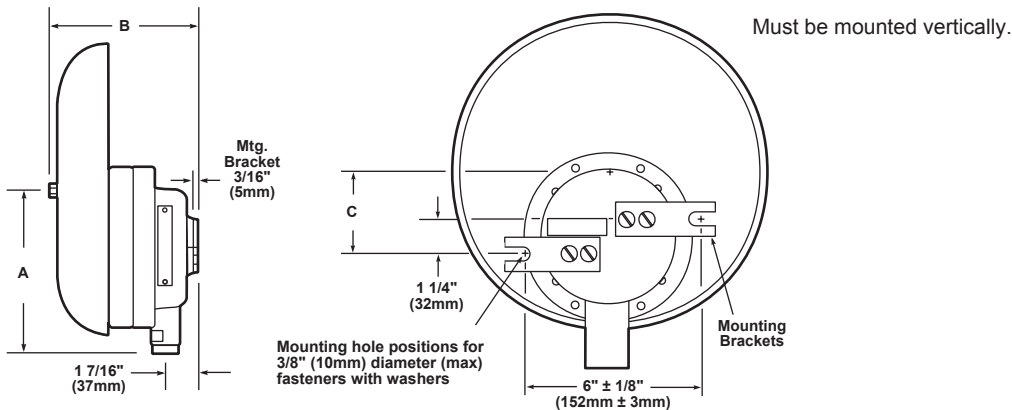
¹AC voltage frequency is 50/60 Hz.

²Single pulse duration - 8 to 16 milliseconds



Bells: Explosionproof Single Stroke 330EX Series

Weights and Dimensions						
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)	Gong Size	Dimensions		
				A	B	C
332EX-6N5	5.70	7.50	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
332EX-6R5	5.70	7.50	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
332EX-10N5	8.54	9.78	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
332EX-10R5	8.54	9.78	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
333EX-6G1	5.70	7.50	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
333EX-6P1	5.70	7.50	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
333EX-10G1	8.54	9.78	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)



Bells: Explosionproof Vibrating

340EX and 435EX Series

Edwards 340EX and 435EX hazardous location bells are vibrating bells that produce a long, continuous ringing sound. The striker continues to strike the gong in rapid-fire as long as current is applied. They feature an explosionproof, NEMA Type 4 housing.

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
	435DEX-6G1	24V DC	0.290 A	6" (152mm)	93/83
DC, Diode Polarized	435DEX-8G1	24V DC	0.290 A	8" (203mm)	96/86
	435DEX-10G1	24V DC	0.290 A	10" (254mm)	99/89

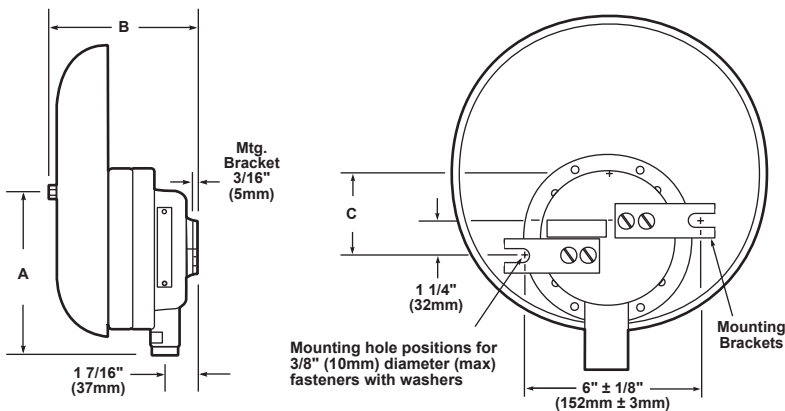
¹AC voltage frequency is 50/60 Hz.



Bells: Explosionproof Vibrating 340EX and 435EX Series

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)	Gong Size	Dimensions		
				A	B	C
340EX-6G5	5.70	8.00	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
340EX-10G5	8.70	10.64	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
340EX-6N5	5.70	8.00	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
340EX-8N5	7.70	8.66	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
340EX-10N5	8.70	10.64	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
340EX-6R5	5.70	8.00	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
340EX-10R5	8.70	10.64	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
435EX-6C1	5.70	7.80	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
435EX-6E1	5.70	7.80	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
435EX-10E1	8.70	10.60	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
435EX-6G1	5.70	7.80	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
435EX-8G1	7.70	8.60	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
435EX-10G1	8.70	10.60	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
435EX-6K1	5.70	7.80	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
435EX-8K1	7.70	8.60	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
435EX-6P1	5.70	7.80	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
435EX-8P1	7.70	8.60	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
435EX-10P1	8.70	10.60	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
435EX-6S1	5.70	7.80	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
435EX-8S1	7.70	8.60	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
435DEX-6G1	5.70	6.80	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
435DEX-8G1	7.70	8.60	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
435DEX-10G1	8.70	10.40	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)



NOTE: Mounts to any solid surface using 3/8" (10mm) fasteners. Units fitted with a sealing fitting for 3/4" (19mm) conduit and wire leads for power connections.

Bells: Explosionproof Vibrating 439DEX Series

Edwards 439DEX Series hazardous location fire alarm bells are DC vibrating bells that produce a long, continuous ringing sound. The striker continues to strike the gong in rapid-fire as long as current is applied. Diode polarized models are available for use in electrically supervised circuits.



Features and Specifications

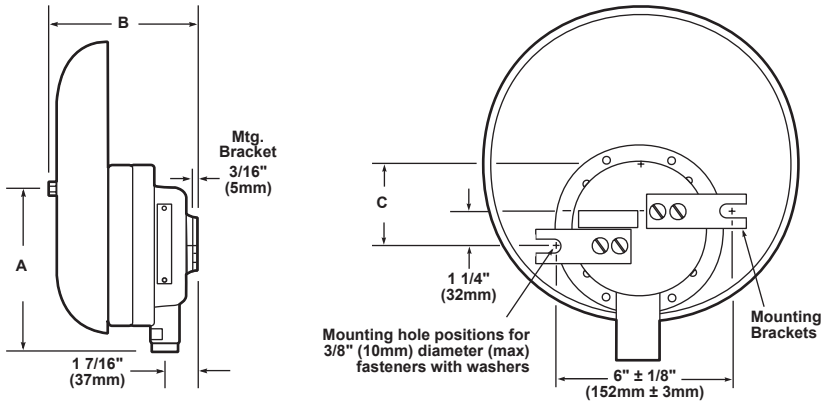
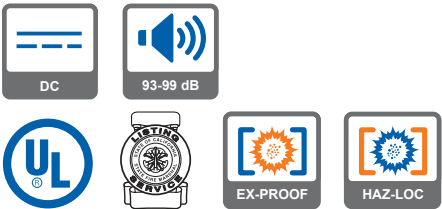
- 6", 8" and 10" gong sizes
- Completely assembled
- Corrosion resistant gray epoxy finish
- Suitable for use in indoor applications
- Mounts directly on any solid surface
- Low power draw for efficient operation over long runs
- Adjustment free self-compensating solenoid plunger
- Wire leads and sealing 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	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

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)	Gong Size	Dimensions		
				A	B	C
439DEX-6AW	5.70	7.24	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
439DEX-8AW	7.70	9.67	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
439DEX-10AW	8.70	11.10	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)
439DEX-6AW-R	5.70	7.24	6" (152mm)	4 1/16" (103mm)	4 13/16" (122mm)	5/8" (16mm)
439DEX-8AW-R	7.70	9.67	8" (203mm)	5 1/16" (129mm)	5 1/4" (133mm)	1 5/8" (41mm)
439DEX-10AW-R	8.70	11.10	10" (254mm)	6 1/16" (154mm)	5 3/8" (137mm)	2 5/8" (67mm)



NOTE: Mounts to any solid surface using 3/8" (10mm) fasteners. Units fitted with a sealing fitting for 3/4" (19mm) conduit and wire leads for power connections.

Klaxon Bells: Explosionproof Vibrating Syrex Series

The Klaxon Bell is designed for use in Zone 1 and 2 areas and is suitable for outdoor applications. The Syrex Series Bells are IP66 rated and certified to ATEX II 2G Exd e IIC T6.

With a sound output of up to 105dB, it provides a clear signal which stands out against background noise.

The housing is manufactured from glass fiber reinforced polyester with stainless steel fittings. In addition, all DC versions are equipped with a non-wearing electronic contact breaker.

Features and Specifications

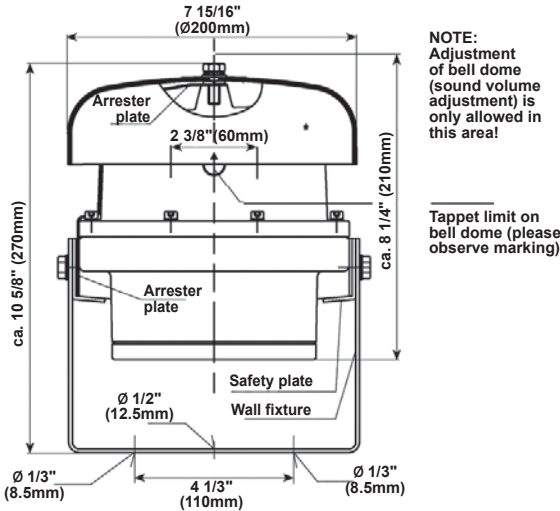
- Clear audible signal designed to penetrate background noise
- Glass fiber reinforced polyester construction with stainless steel fittings
- IP66 rated
- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX approved
- II 2G Exd e IIC T6
- Operating temperature range: -4°F to 104°F (-20°C to 40°C)



Ordering Information						
Description	Edwards Cat. No.	Klaxon Cat. No.	Operating Voltage ¹	Current	Color	dB at 1m/10ft.
AC	17-970233	TCA-0003	110V AC	0.140 A	Black/Gray	105/95
	17-970232	TCA-0002	230V AC	0.060 A	Black/Gray	105/95
DC	17-970234	TCA-0004	24V DC	0.320 A	Black/Gray	105/95

¹AC voltage frequency is 50/60 Hz.

Weights and Dimensions			
Edwards Cat. No.	Klaxon Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
17-970233	TCA-0003	7.70	10.40
17-970232	TCA-0002	7.70	10.40
17-970234	TCA-0004	7.70	10.40



AC
 DC
 105 dB
 104°F
-4°F
OP TEMP

IP66 ENCLOSURE
 EX-PROOF
 HAZ-LOC
 Ex

Buzzers: Explosionproof Vibrating B93 Series

The B-KM-8140 and B-8141 series are quality, heavy duty AC and DC buzzers designed for use in hazardous locations. The sound is produced by the hammer action of a vibrating armature against the cover. The buzzers are provided with two mounting lugs for wall mounting.

Features and Specifications

- Cast aluminum housing and cover
- Corrosion resistant heat flowed powder epoxy finish
- UL listed for Class 1, Div. 1 and 2, Groups C and D, Class 1, Zones 1 and 2, Groups II A and II B, Class II, Div. 1 and 2, Groups E, F and G.



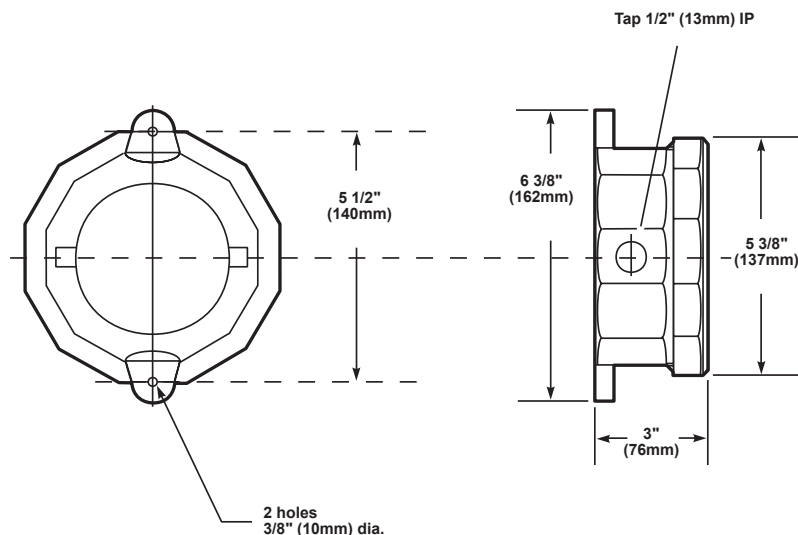
Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	VA	dB at 1m/10ft.	DC Coil Res (Ohms)
AC	B-KM-8140-G5	24V AC	1.1 A	26.4	99/89	5.0
	B-KM-8140-N5	120V AC	0.2 A	24	99/89	146
DC	B-8141-G1	24V DC	0.8 A	19.2	99/89	21.5

¹AC voltage frequency is 60 Hz.

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
B-KM-8140-G5	2.74	3.20
B-KM-8140-N5	2.74	3.20
B-8141-G1	2.74	3.20



Buzzers: Explosionproof Klaxon Syrex Series

The Klaxon Buzzer is an explosion proof buzzer designed for use in hazardous areas where a distinctive signal is required. Certified to ATEX II 2G Exd e IIC T6, it is suitable for use in Zone 1 and Zone 2 areas.

Producing a tone with low frequency, it cuts through background noise more effectively than many other devices of a similar output.

Mounted in a rugged reinforced polyester case and rated to IP66, it is suitable for use in outdoor applications.

Features and Specifications

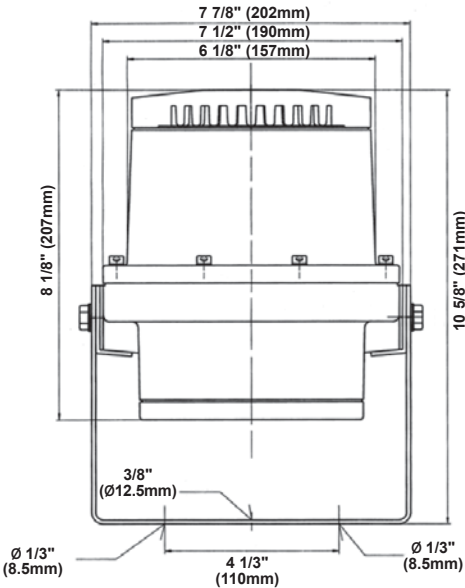
- Heavy duty buzzer
- Rugged construction
- Glass Fiber reinforced polyester construction
- IP66 rated case
- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX approved
- II 2G Exd e IIC T6
- Operating temperature range: -4°F to 104°F (-20°C to 40°C)



Ordering Information						
Description	Edwards Cat. No.	Klaxon Cat. No.	Operating Voltage¹	Current	Color	dB at 1m/10ft.
AC	17-970235	TCA-0069	110V AC	0.150 A	Black	105/95
	17-970220	TCA-0001	230V AC	0.070 A	Black	105/95
DC	17-970236	TCA-0005	24 DC	0.650 A	Black	105/95

¹AC voltage frequency is 50/60 Hz.

Weights and Dimensions			
Edwards Cat. No.	Klaxon Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
17-970235	TCA-0069	7.70	9.00
17-970220	TCA-0001	7.70	9.00
17-970236	TCA-0005	7.70	9.00



AC

DC

105 dB

104°F
-4°F
OP TEMP

IP66
ENCLOSURE

EX-PROOF

HAZ-LOC

Ex

Klaxon Sounders: Intrinsically Safe Electronic Syrex Series

The Syrex IS Sounder is an intrinsically safe alarm sounder which provides an audible warning signal in hazardous area applications.

With three alarm stages and a low current consumption, the Syrex IS Sounder is ideal for both fire and process control applications.

The Syrex IS sounder must be used with a galvanic isolator specified by the system certificates.

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

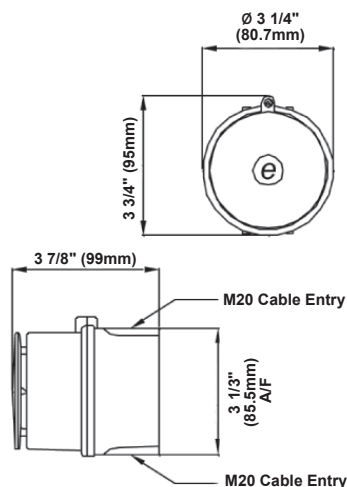
Description	Edwards Cat. No.	Klaxon Cat. No.	Operating Voltage	Current (Tone Dependent)	dB at 1m/10ft.	Tones
Alarm Sounder	17-970328	TCA-0023	6-28V DC	0.025 A	Up to 100/90	Up to 49

Accessories

Description	Edwards Cat. No.	Klaxon Cat. No.
Single Channel Galvanic Isolator	17-970362	TCA-0042
Dual Channel Galvanic Isolator	17-970395	TCA-0066
IS DIN-rail Enclosure, accepts two Isolators	17-970392	TCA-0065

Weights and Dimensions

Edwards Cat. No.	Klaxon Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
17-970328	TCA-0023	0.77	2.00
17-970362	TCA-0042	0.77	2.00
17-970395	TCA-0066	0.77	2.00
17-970392	TCA-0065	0.77	2.00



Klaxon Sounders

Electronic

Syrex Series

The EXD-3 is an electronic sounder designed for potentially explosive atmospheres and harsh environmental conditions. Certified to II 2G EExd IIC T4, it is suitable for use in Zone 1 and 2 areas.

With an ingress protection rating of IP67 and a choice of tones including those covering PFEER/UKOOA requirements, it is suitable for use in almost any application. The EXD-3 gives the user a choice of the 1st stage alarm tone with stages 2 and 3 fixed at manufacture.

The unit features two 20mm cable entries and has terminals that accept 4mm² cable for ease of installation.

Features and Specifications

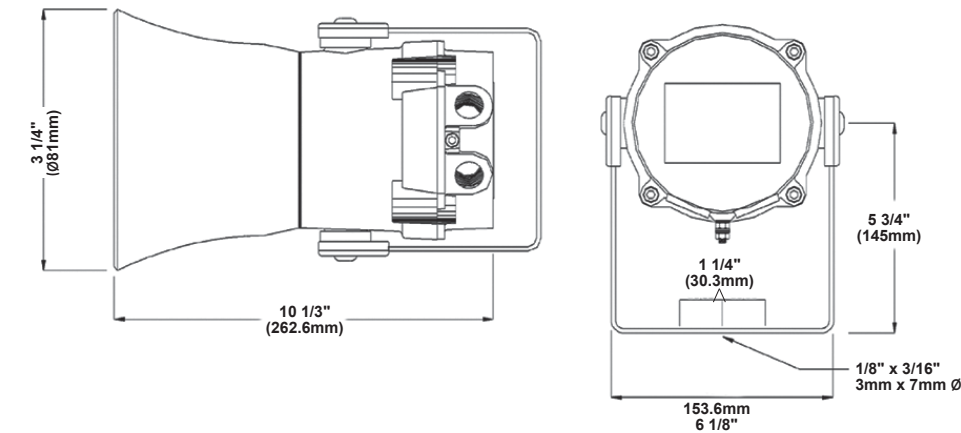
- Choice of 32 tones
- Suitable for outdoor applications
- Volume control
- Marine grade LM6 aluminium construction
- Operating temperature range: -58°F to 131°F (-50°C to 55°C)
- IP67 rated
- ATEX / IECEx Approved
- Rated for Category 2 use (formerly Zone 1 & 2)
- EXII 2G Exd IIC T4



Ordering Information							
Description	Edwards Cat. No.	Klaxon Cat. No.	Operating Voltage¹	Current	Color	dB at 1m/10ft.	Tones
AC	17-970270	TCA-0011	110V AC	0.093 A	Red	117/107	Up to 32
	17-970269	TCA-0010	230V AC	0.056 A	Red	117/107	Up to 32
DC	17-970271	TCA-0012	24V DC	0.265 A	Red	117/107	Up to 32

¹AC voltage frequency is 50/60 Hz.

Weights and Dimensions			
Edwards Cat. No.	Klaxon Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
17-970269	TCA-0011	7.50	9.00
17-970270	TCA-0010	7.50	9.00
17-970271	TCA-0012	7.50	9.00



AC

DC

117 dB

131°F
-58°F
OP TEMP

IP67
ENCLOSURE

HAZ-LOC

Ex

Horns: Explosionproof Vibrating

870EX Series

The 870EX Series vibrating horns are heavy-duty, explosion-proof, high decibel horns designed for use in hazardous locations.

Diode polarized versions are also available. They are intended for use in hazardous locations requiring electrical supervision of signaling circuit field wiring. May also be used for unsupervised signaling applications.

Two mounting brackets are provided on either side of the unit for wall mounting. The housing is tapped on one side for 3/4" conduit to allow for field wiring installation.

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
	879EXP-G1 ³	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 ⁴	24V DC	0.16 A	3.8	107/97	20.0

¹Measured in an anechoic chamber.

²AC voltage frequency is 50/60 Hz.

³ATEX approved.

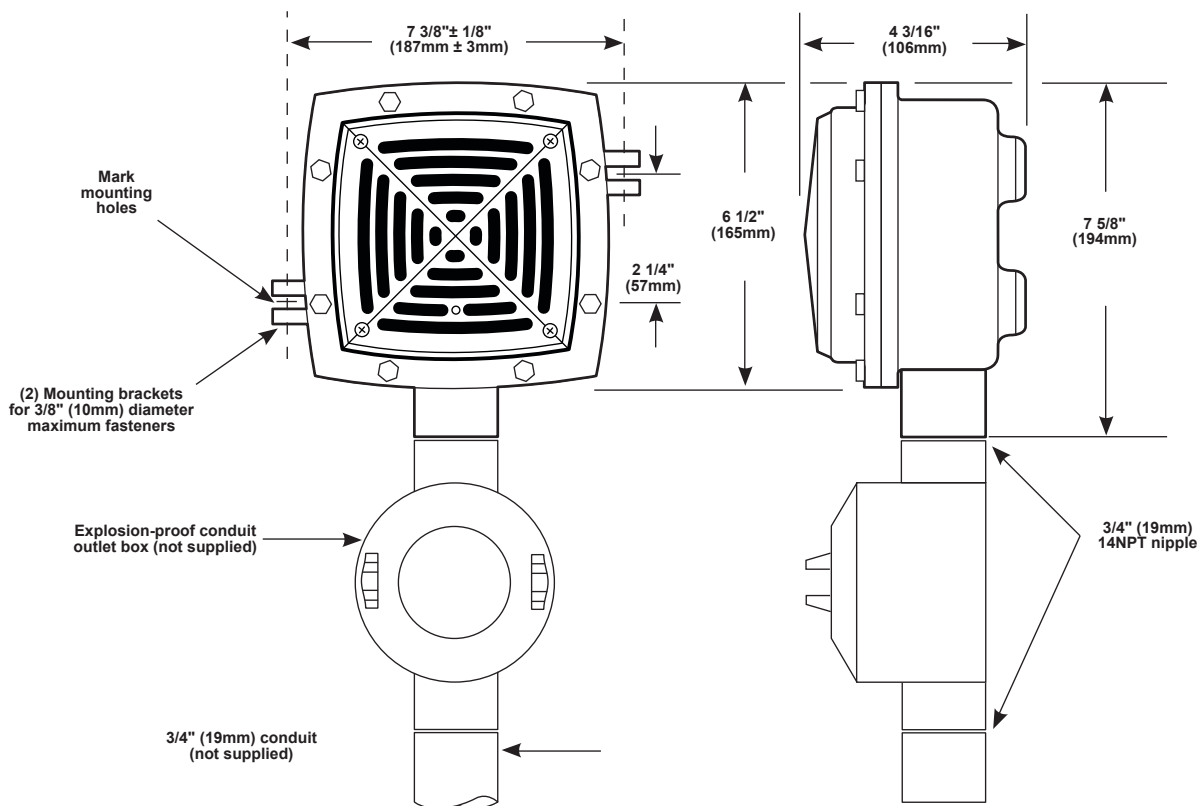
⁴Diode Polarized version available in red, order 889D-AW.



Horns: Explosionproof Vibrating 870EX Series

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
878EX-E5	7.10	8.38
878EX-G5	7.10	8.38
878EX-N5	7.10	8.38
878EX-R5	7.10	8.38
879EX-C1	7.10	8.38
879EX-E1	7.10	8.38
879EX-G1	7.10	8.38
879EXP-G1	7.10	8.38
879EX-J1	7.10	8.38
879EX-K1	7.10	8.38
879EX-P1	7.10	8.38
878DEX-N5	7.10	8.38
879DEX-G1	7.10	8.38



Horns: Explosionproof Vibrating 870EX Series

The Edwards 870EX Series are diode polarized, heavy-duty, high decibel, vibrating horns. They are intended for use in hazardous locations requiring electrical supervision of signaling circuit field wiring, including fire alarm systems. May also be used for unsupervised signaling applications.

Two mounting brackets are provided on either side of the unit for wall mounting.

Features and Specifications

- Diode polarized
- Red corrosion resistant heat flowed epoxy finish
- Low current drain
- Operating voltage range -20% to +10% of nominal voltage
- 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



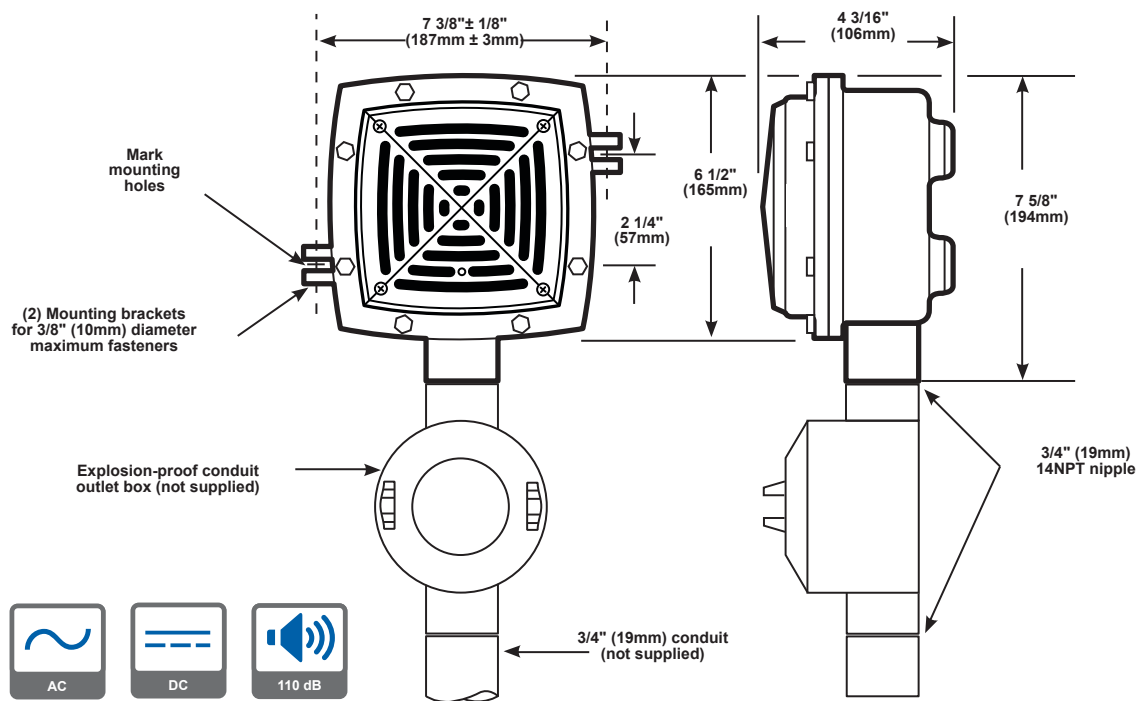
Ordering Information

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.

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
888D-N5	7.50	8.60
889D-AW	7.50	8.60



Horns: Explosionproof Electronic Titan Class

The Titan Class are low current, high performance, high decibel audible signals designed for hazardous locations. They can be mounted on any surface using three bolts. Flying leads allow for quick installation.

The 5522MD is diode polarized and primarily intended for use in hazardous location applications requiring electrical supervision of signaling circuit field wiring. These signals may also be used for unsupervised signaling applications.

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



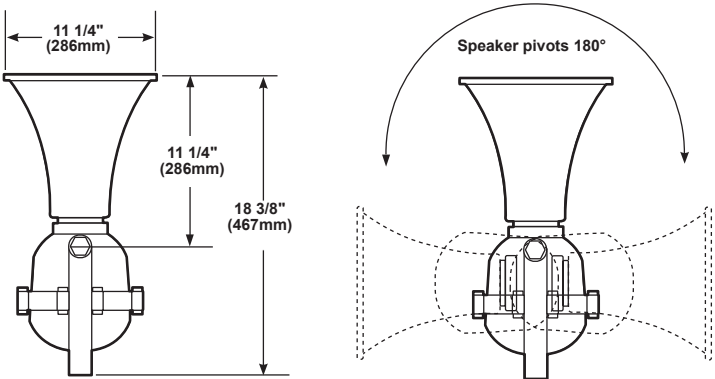
Ordering Information

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.

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5522M-AQ	16.50	23.50
5522M-Y6	16.50	23.50
5522MD-AW	16.50	23.50



Horns: Explosionproof Projector

B93 Class

The B-KM-8130 Series is a heavy-duty, high decibel, vibrating horn signal designed for use in hazardous locations.

Two mounting lugs are provided on either side of the unit for wall mounting. The housing is tapped on one side for 1/2" (13mm) conduit to allow for field wiring installation.

Features and Specifications

- Intermittent Duty Cycle: 5 minutes on/ 5 minutes off
- Corrosion resistant electrostatic heat flowed epoxy finish
- Cast aluminum housing and ring
- Seamless steel projector
- 5" (127mm) spring steel diaphragm
- 5 1/2" (140mm) projector
- UL listed for Class 1, Div. 1 and 2, Groups C and D; Class II Div. 1 and 2, Groups E, F and G; and Class 1, Groups A and B, Div. 2 locations



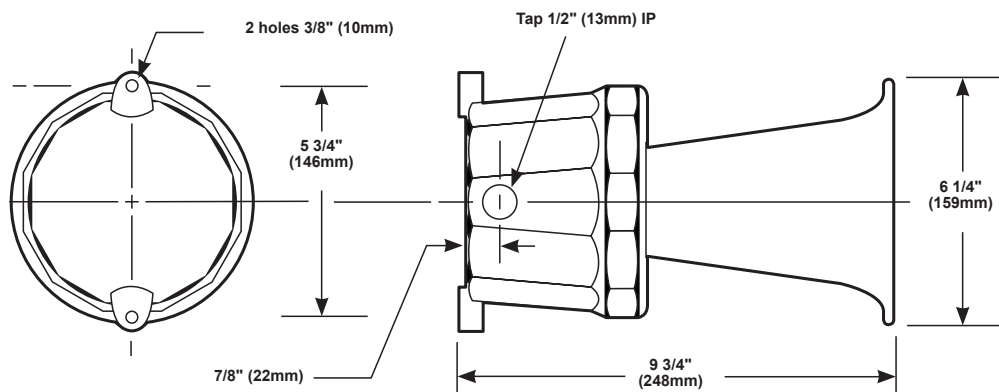
Ordering Information

Description	Cat. No.	Operating Voltage ¹	Current	VA	dB at 1m/10ft.	Coil Res (Ohms)
Single Projector	B-KM-8130-G5	24V AC	2 A	48	115/105	1
	B-KM-8130-N5	120V AC	0.45 A	54	115/105	24

¹AC voltage frequency is 60 Hz.

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
B-KM-8130-G5	7.00	8.00
B-KM-8130-N5	7.00	8.00



Horns Vibrating 870EX2 Series



The 870EX2 Series are heavy-duty, high decibel, Class 1, Div. 2 vibrating horns designed for use in indoor or outdoor hazardous locations.

Diode polarized versions are also available. They are intended for use in hazardous locations requiring electrical supervision of signaling circuit field wiring. May also be used for unsupervised signaling applications.

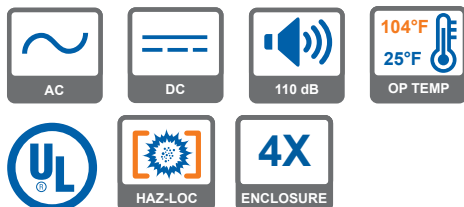
Two mounting brackets are provided on either side of the unit for wall mounting. The housing is tapped on one side for 3/4" conduit to allow for field wiring installation.

Features and Specifications

- Corrosion resistant heat flowed epoxy finish
- Suitable for use in indoor or outdoor hazardous locations
- 100-107dB @ 1m (90-97dB @ 10ft.)
- Low current drain
- Operating voltage range -20% to +10% of nominal voltage
- Power connection wires embedded in sealing compound
- Diode Polarized versions
- NEMA Type 4X rated (**878DDIV2, 879DDIV2, 878DIV2, 879DIV2**)
- UL listed for Class I, Div. 2, Groups B, C and D; Class II, Groups F and G; and Class III locations
- Operating temperature range: 25°F to 104°F (-4°C to 40°C)

Ordering Information						
Description	Cat. No.	Operating Voltage	Current	VA	Average dB at 1m/10ft.	DC Coil Res (Ohms)
AC	878DIV2-12A	12V AC	1.25 A	15	107/97	1.45
	878DIV2-24A	24V AC	0.625 A	15	107/97	5.2
	878DIV2-120A	120V AC	0.13 A	15	107/97	150
	878DIV2-240A	240V AC	0.065 A	15	107/97	580
DC	879DIV2-6D	6V DC	0.7 A	4.2	107/97	1.4
	879DIV2-12D	12V DC	0.27 A	3.2	107/97	6
	879DIV2-24D	24V DC	0.16 A	3.8	107/97	24
	879DIV2-32D	32V DC	0.13 A	4.2	107/97	40
	879DIV2-48D	48V DC	0.07 A	3.4	107/97	96
	879DIV2-125D	125V DC	0.03 A	4.2	107/97	600
AC, Diode Polarized	878DDIV2-120A	120V AC	0.13 A	15	107/97	150
	888DDIV2-120A	120V AC	0.13 A	15	100/90 ¹	150
DC, Diode Polarized	889DDIV2-20-24D	20-24V DC	0.16 A	3.8	100/90 ¹	20
	879DDIV2-24D	24V DC	0.16 A	3.8	107/97	20

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



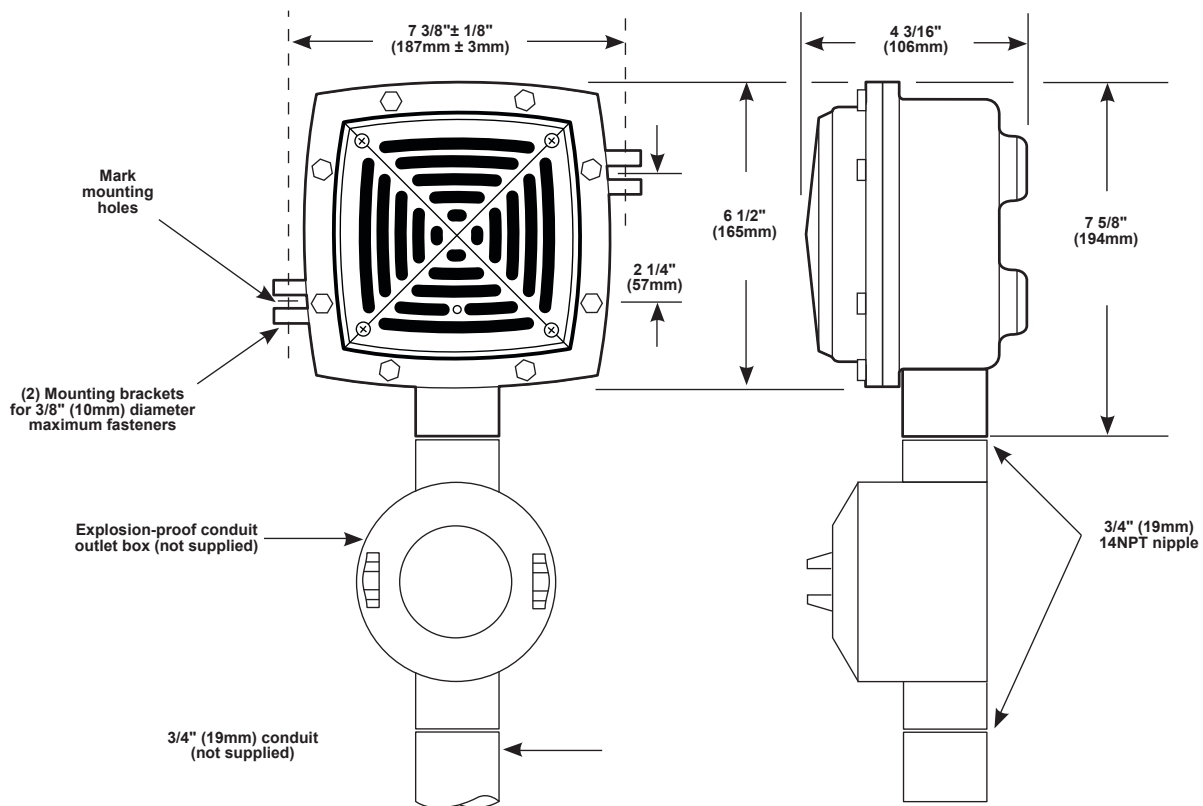
Horns

Vibrating

870EX2 Series

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
878DIV2-12A	7.10	8.38
878DIV2-24A	7.10	8.38
878DIV2-120A	7.10	8.38
878DIV2-240A	7.10	8.38
879DIV2-6D	7.10	8.38
879DIV2-12D	7.10	8.38
879DIV2-24D	7.10	8.38
879DIV2-32D	7.10	8.38
879DIV2-48D	7.10	8.38
879DIV2-125D	7.10	8.38
878DDIV2-120A	7.10	8.38
888DDIV2-120A	7.10	8.38
889DDIV2-20X24D	7.10	8.38
879DDIV2-24D	7.10	8.38



Sirens: Explosionproof Electronic Titan Class

The Titan Class devices are low current, high performance, high decibel audible signals designed for hazardous locations. They can be mounted on any surface using three bolts. Flying leads allow for quick installation.

5523M Series are primarily intended for use in hazardous location applications requiring electrical supervision of signaling circuit field wiring. These signals may also be used for unsupervised signaling applications.

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



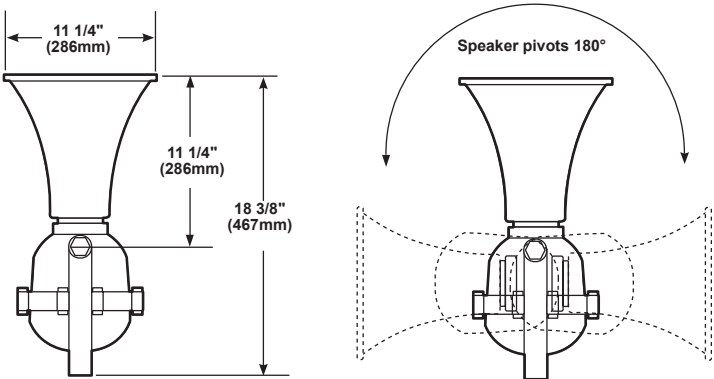
Ordering Information

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.

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5523M-AQ	16.50	23.50
5523M-Y6	16.50	23.50
5523MD-AW	16.50	23.50



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



The 5533M and 5533MD signals are explosion-proof, heavy-duty industrial, tone-selectable, audible signaling devices capable of producing volume-controlled, high-decibel tones. The signal accepts up to two contact closures and delivers one or two audible output signals selected from the 55 tones available.

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

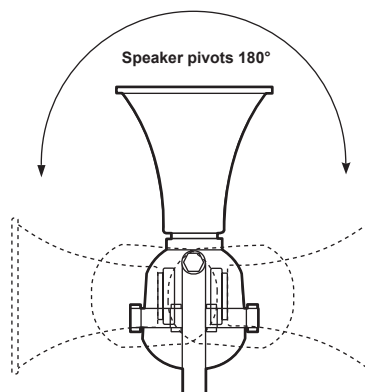
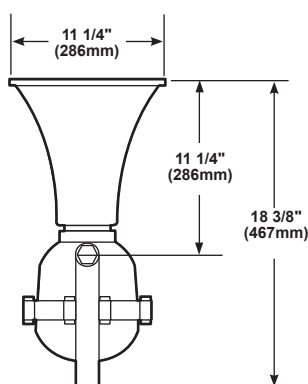
Ordering Information

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.

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5533M-AQ	16.50	23.50
5533M-Y6	16.50	23.50
5533MD-AW	16.50	23.50



Electronic Audible Signals: Explosionproof Speaker Amp

Titan Class



The 5545M Hazardous Location Remote Speaker/ Amplifier has been designed for high decibel system operation when connected to the 5540M Central Tone Generator or 5541M System Master Panel.

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

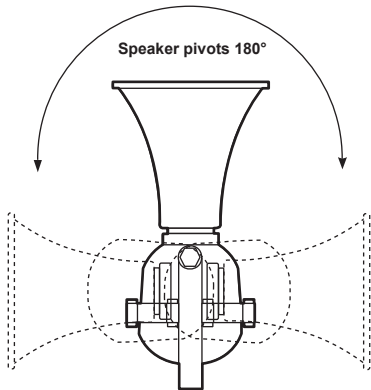
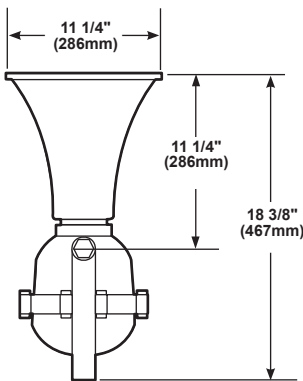
Ordering Information

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.

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5545M-AQ	16.50	23.50
5545M-Y6	16.50	23.50
5545M-25Y6	16.50	23.50
5545M-70Y6	16.50	23.50



Electronic Audible Signals

Multi-Tone Signal – Four Input, Four Output

Millennium Class

The Millennium Class are heavy-duty industrial, tone-selectable, audible signaling devices capable of producing volume-controlled, high-decibel tones. In addition, the 5531MV Series can produce up to 20 seconds of field recorded voice messages.

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



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
		125-250V DC	120V AC	0.10-0.02 A	0.21-0.10 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
Field Recordable Device Model	5531MV-24N5	120V AC	24V DC	0.10 A	0.38 A
	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 – Four Input, Four Output

Millennium Class

Signal Input Load Characteristics

These devices may be operated by PLCs with output characteristics that match the input load requirements of the signal.

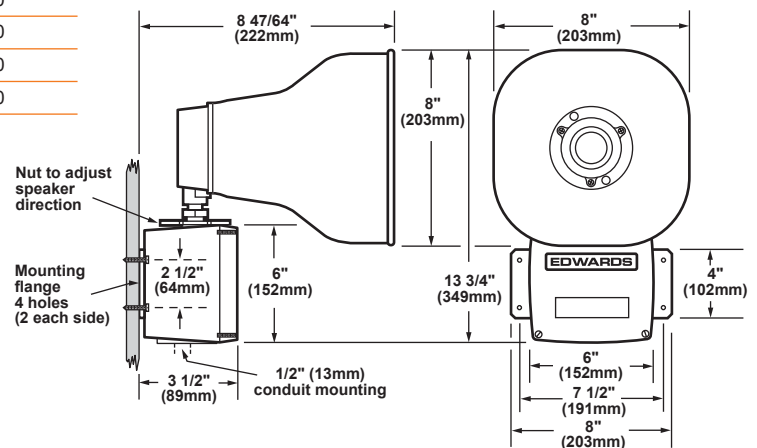
Cat. No.	Operating Voltage ¹	Max. Off State Leakage Current (A)	Continuous On Current (A)	Surge (Inrush/Duration) Amps/Milliseconds
5531M-24AQ	24V DC only	0.002	0.740	8/4
5531M-24N5	120V AC	0.002	0.360	2.82/4
5531M-120N5	120V AC	0.005	0.380	2.82/4
5531MHV-24AQ	24V DC only	0.002	1.5	8/4
5531MV-24N5	120V AC	0.002	0.360	2.82/4
5531MV-120N5	120V AC	0.005	0.380	2.82/4

¹AC voltage frequency is 50/60 Hz.

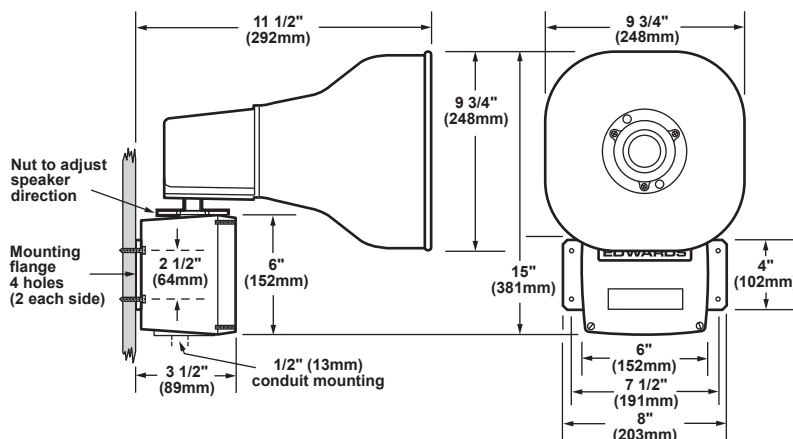
Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5531M-24AQ	10.60	13.20
5531M-24N5	10.60	13.20
5531M-120N5	10.60	13.20
5531M-24Y6	10.60	13.20
5531M-120Y6	10.60	13.20
5531MHV-24AQ	10.60	13.20
5531MHV-24Y6	10.60	13.20
5531MHV-120Y6	10.60	13.20
5531MV-24N5	10.60	13.20
5531MV-120N5	10.60	13.20
5531MV-24Y6	10.60	13.20

5531M and 5531MV Series



5531MHV Series



Electronic Audible Signals

Multi-Tone Signal – Single Input, Single Output

Millennium Class

The Millennium Class are heavy-duty industrial, tone-selectable, signaling devices capable of producing volume-controlled, high-decibel tones. Selected models are designed to serially connect to RS485 networks. The 5530MV-485Y6 additionally has a field recordable voice feature that allows activation of voice messages over the RS485 network.

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



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	5530M-485Y6	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
		125-250V DC	RS485	0.10-0.02 A	0.21-0.10 A
Single output, RS485 Field recordable voice model	5530MV-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
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	5530MHV-485Y6	120V AC-240V AC	RS485	0.10 A	0.56-0.34 A
		125-250V DC	RS485	0.10-0.02 A	0.39-0.19 A
Single output, Diode Polarized	5530MD-24AW ²	20-31V DC	—	—	0.63-1.0 A

¹AC voltage frequency is 50/60 Hz.

²Red finish

Signal Input Load Characteristics

These devices may be operated by PLCs with output characteristics that match the input load requirements of the signal.

Cat. No.	Operating Voltage ¹	Max. Off State Leakage Current (A)	Continuous On Current (A)	Surge (Inrush/Duration) Amps/Milliseconds
5530M-24AQ	24V DC only	0.002	0.740	8/4
5530M-24N5	120V	0.002	0.360	2.82/4
5530M-120N5	120V	0.005	0.380	2.82/4
5530MHV-24AQ	24V DC only	0.002	1.500	8/4



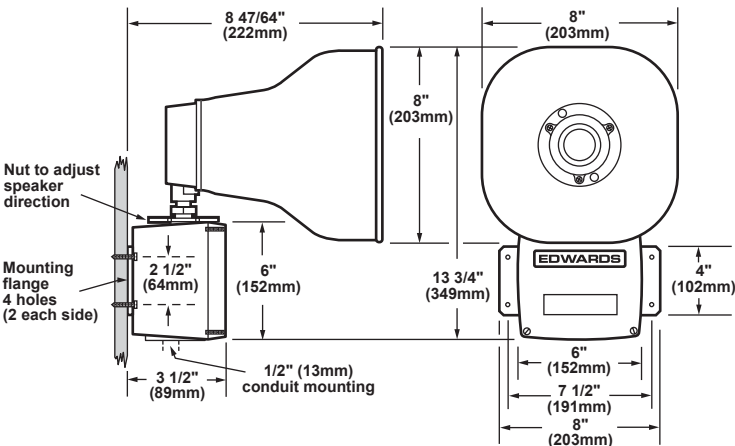
Electronic Audible Signals

Multi-Tone Signal – Single Input, Single Output

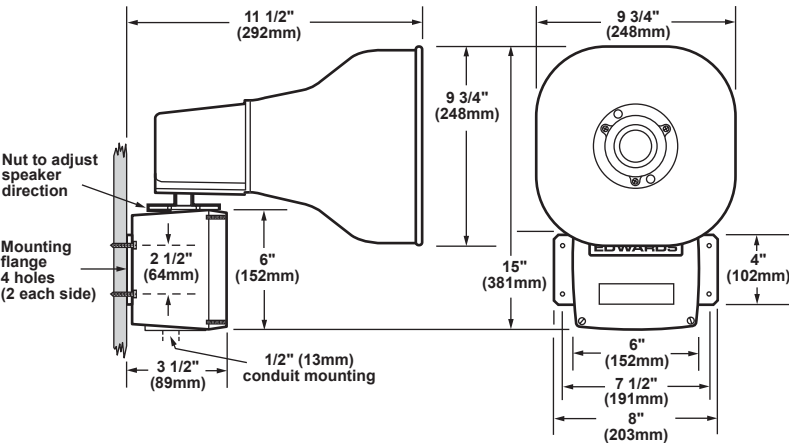
Millennium Class

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5530M-24AQ	10.60	13.20
5530M-24N5	10.60	13.20
5530M-120N5	10.60	13.20
5530M-24Y6	10.60	13.20
5530M-120Y6	10.60	13.20
5530M-485Y6	10.60	13.20
5530MV-485Y6	10.60	13.20
5530MHV-24AQ	10.60	13.20
5530MHV-24Y6	10.60	13.20
5530MHV-120Y6	10.60	13.20
5530MHV-485Y6	10.60	13.20
5530MD-24AW	10.60	13.20

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



5530MHV Series



Speaker/Amp

Remote Speaker Amplifier

Millennium Class

Millennium Class System Speaker Amplifiers have been designed for high decibel system operation when connected to the 5540M Central Tone Generator or 5541M System Master Panel.

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



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
		120-240V AC	0.10 A	0.32-0.20 A
High Decibel, 30 Watt	5532M-Y6	125-250V DC	0.10-0.02 A	0.21-0.10 A
		24V DC	0.10 A	1.5 A
	5532MHV-AQ	24V AC	0.10 A	2.3 A
		120-240V AC	0.10 A	0.56-0.34 A
	5532MHV-Y6	125-250V DC	0.10 A	0.39-0.19 A

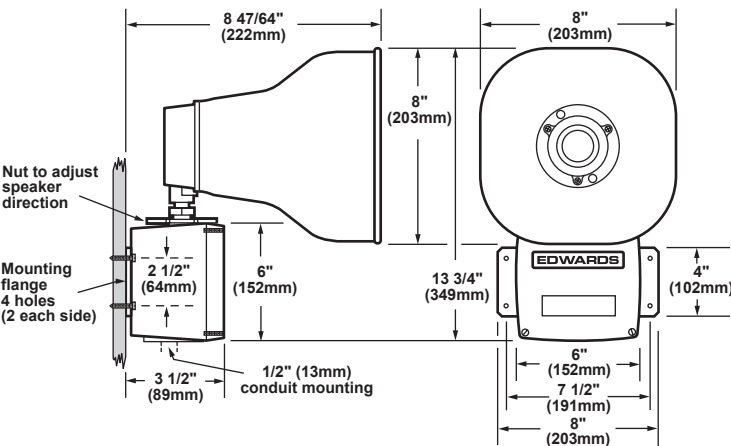
¹AC voltage frequency is 50/60 Hz.



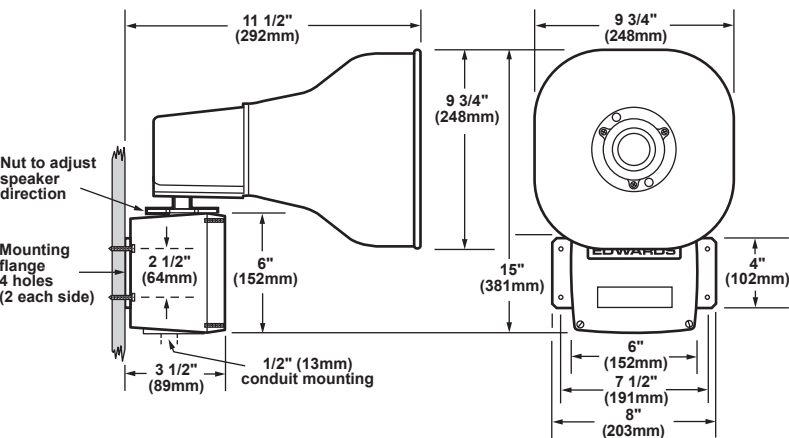
Speaker/Amp Remote Speaker Amplifier Millennium Class

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5532M-AQ	10.60	13.20
5532M-N5	10.60	13.20
5532M-Y6	10.60	13.20
5532MHV-AQ	10.60	13.20
5532MHV-Y6	10.60	13.20

5532M Series



5532MHV Series



Electronic Audible Signals System Speaker Amplifier Millennium Class

Millennium Class System Speaker Amplifiers have been designed for high decibel system operation when connected to the 5540M Central Tone Generator or 5541M System Master Panel.

The 5532M-485Y6 and 5532MHV-485Y6 are designed to be connected to RS485 networks, allowing full signaling communication control.

The 5532MD-70AW is a diode polarized units designed for use in applications requiring electrical supervision of signaling circuit field wiring.

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



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.



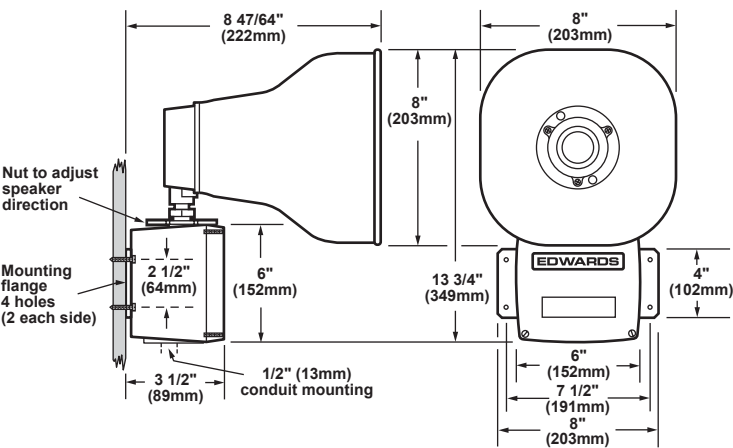
Electronic Audible Signals

System Speaker Amplifier

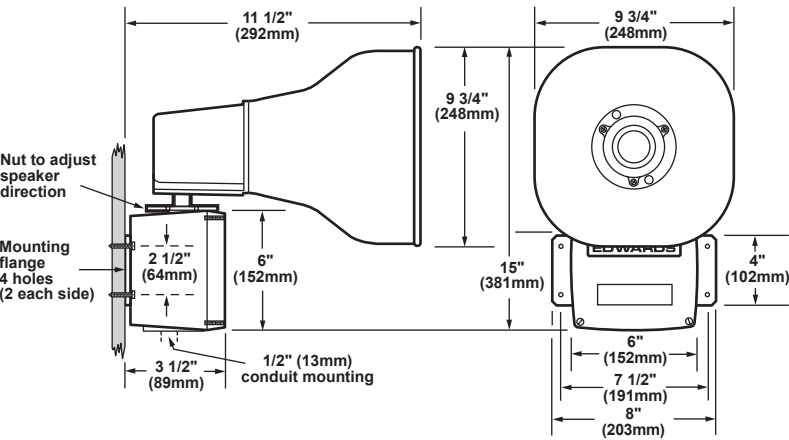
Millennium Class

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5532M-25Y6	10.60	13.20
5532M-70Y6	10.60	13.20
5532M-485Y6	10.60	13.20
5532MD-10AW	10.60	13.20
5532MD-70AW	10.60	13.20
5532MHV-485Y6	10.60	13.20

5532M and 5532MD Series



5532MHV Series



Electronic Audible Signals Tone Generator Millennium Class



The 5540M Millennium Central Tone Generator provides simultaneous signaling of a high decibel, heavy duty signal. The tone generator assures a synchronous signaling sound from all remote speakers.

The 5540MV Millennium Central Tone Generator features pre-recorded voice messaging and can store 20 seconds of field recorded voice messages.

The 5540MP Millennium Central Tone Generator, when used with the 5542RPU Remote Paging Unit, provides voice paging and other audio output. The paging/voice signal is inputted into the Remote Paging Unit via either an audio pair or the 5542MIC series microphone.

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
		120-240V AC	24V DC	0.10 A	0.32-0.20 A
	5540MV-24Y6	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

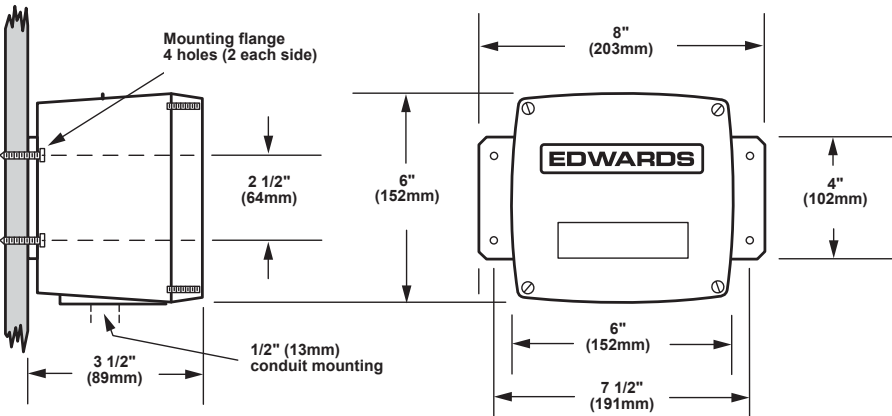


Electronic Audible Signals

Tone Generator

Millennium Class

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5540M-24AQ	8.00	8.40
5540M-24N5	8.00	8.40
5540M-120N5	8.00	8.40
5540M-24Y6	8.00	8.40
5540M-120Y6	8.00	8.40
5540M-485Y6	8.00	8.40
5540MV-24N5	8.00	8.40
5540MV-24Y6	8.00	8.40
5540MV-485Y6	8.00	8.40
5540MP-24Y6	8.00	8.40



Intercoms

Industrial

5570 Series

The Edwards 5570M intercom is a heavy-duty UL and cUL listed signal appliance designed for use in industrial and hazardous location applications.

The 5570M can be configured by means of a slide switch. The AC line has a 1/2 amp 250-volt type GMC fuse. Operating selections include balanced or unbalanced line operation and modes of Master or Satellite can be selected.

The unit features a transformer isolated audio input and a choice of one of four selectable alert tones. For indoor applications where ambient noise is high, a hand-held noise cancelling microphone kit is available.

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

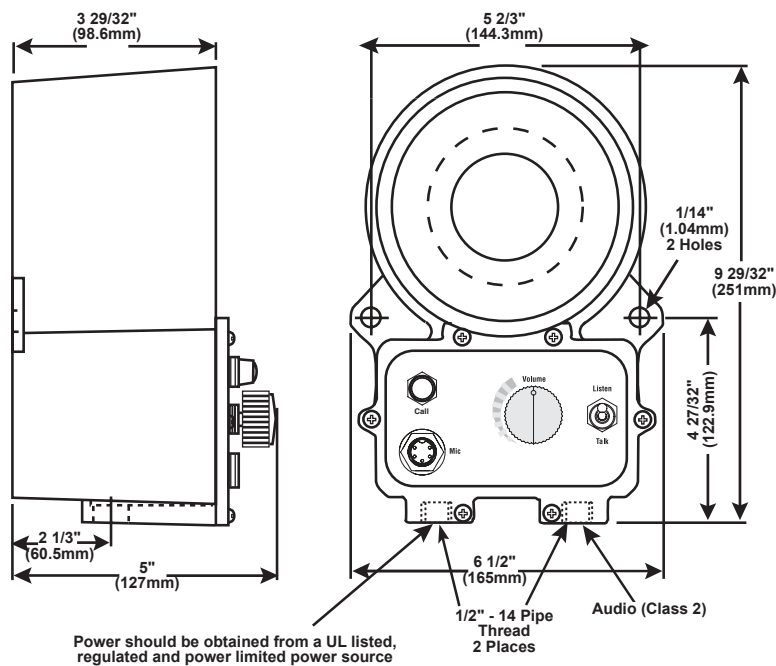


Intercoms

Industrial

5570 Series

Weights and Dimensions		
Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5570M-AQ	12.13	12.50
5570M-NR5	12.13	12.50
5570MIC	1.00	1.25
5542WPK	0.42	0.70



Speakers

Notification Appliances

Millennium Class

The Edwards 5553 Series Speakers are UL Listed, Class 1, Div. 2 hazardous location audible signaling appliances for use in conjunction with compatible control equipment. They produce audible emergency and protective signals as well as voice messages. They accept system audio input levels of 25 or 70 volts RMS.

The Edwards 5553 Series comply with the requirements of UL Standard 1480, Fire Protective Signaling Speakers. The speakers are suitable for outdoor use with a UL1480 wet locations rated enclosure. They include a supervisory capacitor and are suitable for installation in systems employing supervised circuitry.

Speaker direction is adjustable and the output wattage is adjustable via an internal rotary switch.

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)

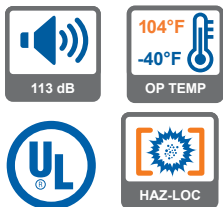
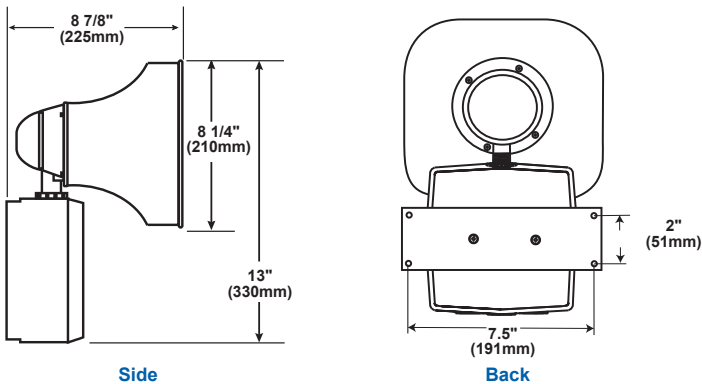


Ordering Information

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

Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
5553-25/70-G	4.20	9.00
5553-25/70-R	4.20	9.00



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

Edwards Series 302 heat detectors are suitable for use in indoor environments and explosive atmospheres. They are normally-open devices designed to close an electrical circuit upon activation. All models feature rate compensation and are available with either 135°F (57.2°C) or 194°F (90°C) ratings. These self-restoring, hermetically sealed detectors are shock-, corrosion- and tamper-resistant.

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



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

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions			
		Height (in.)	Overall Length (in.)	Base Diameter (in.)	Diameter (in.)
302-EPM-135	0.30	—	4.25	1.0	—
302-EPM-194	0.30	—	4.25	1.0	—
AP-P	0.10	—	—	—	4.5
JALX11	3.50	3.0	—	—	4.5 x 4.5



MEA



Conventional Fire Alarms: Explosionproof Harsh Environment Pull Stations

MPSR Series

The Edwards MPSR1-D45WX-GE is an explosion-proof manual pull station constructed of die-cast material. All components are pre-painted or have plated surfaces to inhibit corrosion, and are suitable for outdoor use.

The pull station is rated for Class I, Group B (hydrogen), C and D; Class II, Groups E, F and G; and Class III environments.

The pull station is single action with a key reset and a set of double-pole (double throw) alarm contacts rated for 10 amps. The pull station can be converted to double action with the addition of the MPSR-LP double action cover.

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

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions		
		Width (in.)	Height (in.)	Depth (in.)
MPSR1-D45WX-GE	2.75	3.06	4.75	3.0
MPSR-LP	0.77	—	—	—
MPSRGR10	0.25	—	—	—
276-K1	0.10	—	—	—



*See ordering information for catalog numbers

Conventional Fire Alarms

Hazardous Location Smoke Detector

V9006 Series

The V9006-0001-013 Hazardous Location Smoke Detector is suitable for use in hazardous industrial and commercial locations.

It uses a solid state infrared emitting diode (IRED) and a light sensing photovoltaic cell arranged in a labyrinth assembly. A recessed photodiode provides voltage for amplification to "alarm signal" level. The main enclosure of the detector contains the electronics, alarm relay, supervision relay and facilities for connection to system wiring.

Each detector contains one set of Form A (SPST) N/O contacts for connection to the alarm initiating circuit and a set of (SPST) N/C power supervision contacts.

The detector locks in on alarm and has a lock-in alarm indicator (LED) on the outer surface of the housing. Detector reset is achieved by momentary interruption of power.

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)

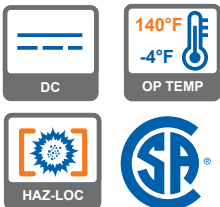


Ordering Information

Description	Cat. No.	Operating Voltage	Current		Max Air Velocity	Contact Rating
			Standby	Alarm		
Hazardous Location Smoke Detector	V9006-0001-013	20V - 28V DC	0.010 A	0.035 A	3960 fpm	2 A @ 30V DC 0.5 A @ 125V AC

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions	
		Diameter (in)	Depth (in)
V9006-0001-013	6.75	5 5/16	3 1/2



Outdoor Warning Systems

Control Valves

KB Series



Solenoid and combination solenoid/manual control valves are designed for use with Edwards Airchime air horns.

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



Outdoor Warning Systems

Control Valves

KB Series

Weights and Dimensions	
Cat. No.	Approx. Shipping Weight (lb.)
10746-N5	2.1
10748-N5	2.1
10750-N5	2.1
10754-N5	2.1
10746-G1	2.1
10748-G1	2.1
10750-G1	2.1
10754-G1	2.1
10775-N5	2.1
10776-N5	2.1
10777-N5	2.1
10778-N5	2.1
10775-G1	2.1
10776-G1	2.1
10777-G1	2.1
10778-G1	2.1



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