

# 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



#### Ordering Information

| Description                      | Cat. No.    | Operating Voltage | Current     | Lens Colors | Peak Candela | Replacement |                                    |
|----------------------------------|-------------|-------------------|-------------|-------------|--------------|-------------|------------------------------------|
|                                  |             |                   |             |             |              | Lens        | Strobe Tube                        |
| Xenon Strobe<br>3 Joule          | 105STA-N5   | 120V AC           | 0.1 A       | Amber       | 300,000      | 105-LA      | 91B-ST<br>3,000 hours <sup>1</sup> |
|                                  | 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<br>3,000 hours <sup>1</sup> |
|                                  | 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<br>3,000 hours <sup>1</sup> |
|                                  | 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<br>8 Joule Strobe | 105HISTA-EK | 12-48V DC         | 0.8 A @ 24V | Amber       | 800,000      | 105H-LA     | 92-ST<br>3,000 hours <sup>1</sup>  |
|                                  | 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<br>3,000 hours <sup>1</sup>  |
|                                  | 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     |                                    |

<sup>1</sup>Strobe 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        | Stroke Tube                       |
| High Intensity<br>8 Joule Strobe<br>(continued) | 105HISTA-R5  | 240V AC           | 0.05 A        | Amber       | 800,000                                                          | 105H-LA     | 92-ST<br>3,000 hours <sup>1</sup> |
|                                                 | 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     | 92-ST<br>3,000 hours <sup>1</sup> |
|                                                 | 105DHISTA-FJ | 20-30V DC         | 1.08 - 0.83 A | Amber       | 800,000                                                          | 105H-LA     |                                   |
|                                                 | 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     |                                   |
| Fire Alarm (UL 1971)<br>8 Joule Strobe          | 105DHISTR-FJ | 20-30V DC         | 1.08 - 0.83 A | Red         | 300,000                                                          | 105H-LR     |                                   |
|                                                 | 105DHISTC-FJ | 20-30V DC         | 1.08 - 0.83 A | Clear       | 26 cd wall (dome out)<br>24 cd wall (dome down)<br>26 cd ceiling | 105H-LC     | 92-ST                             |

<sup>1</sup>Strobe tube life at operating power to 75% efficiency.

| Accessories           |                    |                                                                                     |  |  |
|-----------------------|--------------------|-------------------------------------------------------------------------------------|--|--|
| Description           | Cat. No.           |                                                                                     |  |  |
| Wall Mount Bracket    | 105BM <sup>2</sup> |  |  |  |
| Outlet Box Attachment | 105BX              |                                                                                     |  |  |
| Pipe Mount Attachment | 105PM              |                                                                                     |  |  |

<sup>2</sup>Must be used with the 105BX

| Hazardous Location Listings                 |  |       |          |            |                       |
|---------------------------------------------|--|-------|----------|------------|-----------------------|
| Cat. No.                                    |  | Class | Division | Group      | Operating Temperature |
| 105HIST*-N5<br>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<br>105DHISTC-FJ<br>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<br>105ST*-N5<br>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

