

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 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	

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



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Ordering Information	Continued						
Description	Cat. No.	Operating Voltage	Current	Lens Colors	Peak Candela	Replacement	
						Lens	Stroke Tube
High Intensity 8 Joule Strobe (continued)	105HISTA-R5	240V AC	0.05 A	Amber	800,000	105H-LA	92-ST 3,000 hours¹
	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 3,000 hours¹
	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	
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			

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	I	2	A, B, C, D	T2A (280°C, 536°F)
105DHISTC-FJ	II	2	F, G	T3B (165°C, 329°F)
105DHIST*-FJ	III			T3B (165°C, 329°F)
105ST*-G1	I	2	A, B, C, D	T3 (200°C, 392°F)
105ST*-N5	II	2	F, G	T4A (120°C, 248°F)
105ST*-R5	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

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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

