

DESCRIPTION

The IQ673HS Strobes is addressable multi-candela visual and audible signal appliances with light sources generated from a white LED, listed according to UL 1971, UL 1638, UL 464 and ULC-S525 for indoor use. The LED light source offers superior performance, including low power consumption and long operating life. Each appliance has the intelligence to report its location (the device address) and status to the Fireguard series fire alarm control panels. Six levels of light output are selectable. Figure 1 shows relative light outputs in horizontal and vertical dispersion from strobes mounted on walls/ceilings. The strobe appliances produce a flash rate of one flash per second over the Regulated Voltage Range. The temporal tone generated by the horn portion is designed as per ANSI and NFPA72 for standard emergency evacuation signaling requirements. The appliance has the feature that can synchronize multiple horns and/or strobes in a complete fire alarm system.

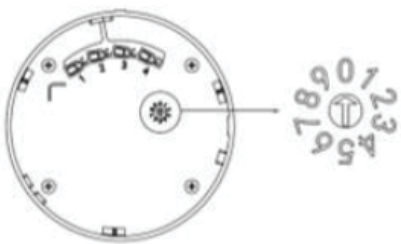
The IQ673HR Horns are addressable audible signal appliances listed according to UL 464 for indoor use. The temporal tone generated by the horn portion is designed as per ANSI and NFPA72 for standard emergency evacuation signaling requirements. The horn has a feature that can synchronize multiple horns in a complete fire alarm system.



IQ673HR

⚠ ATTENTION

The product must be used within its published specifications and properly installed, operated, and maintained, following these instructions. Users are solely responsible for determining whether a product is suitable for the user's purposes or achieves the intended results. Read the instructions carefully before using this product. Failure to comply with any of the instructions, cautions, and warnings could result in improper application, installation, and/or operation of these products in an emergency.



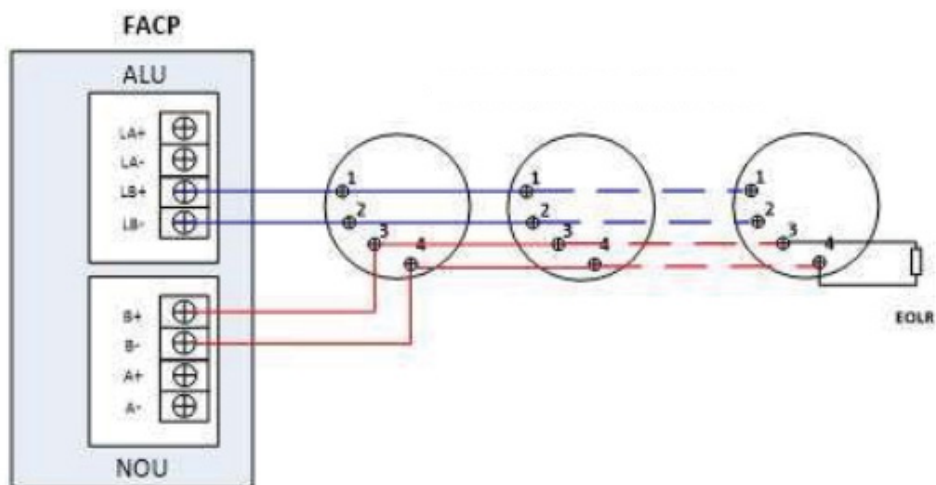
Switch	1	2	3	4	5	6	7	8	9	0
Candela	15	45	75	100	130	177	not used	not used	not used	not used



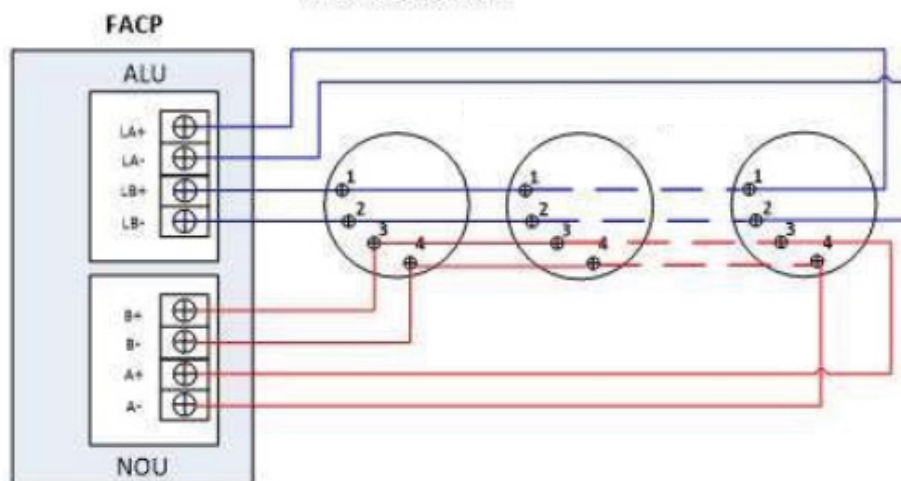
IQ673HS

INSTALLATION

Operating Voltage	16 to 33 VDC (regular 24VDC)						
NOU RMS Operating Current		177 cd	130 cd	100 cd	75 cd	45 cd	15 cd
	IQ673HS	218	164	129	98	70	55
	IQ673HR	48					
ALU RMS Operating Current	112 uA						
Sound level (dBA)	Voltage		16V dc		24V dc		33V dc
	UL Reverberant		85		89		93
	ULC Anechoic		89		92		95
Directional Characteristics	Horizontal Axis		Angle		OSPL (dBA)		
			0°(ref)		0°(ref)		
			±49°		-3		
			±53°		-6		
			±90°		-6.9		
	Vertical Axis		Angle		OSPL (dBA)		
			0°(ref)		0°(ref)		
			±20°		-3		
			±28°		-6		
			±90°		-15		
Effective Light (cd)	177, 130, 100, 75, 45, 15 (See Figure 3 for candela selection)						
Operating Temperature	0°C to 49°C (32°F to 120°F) UL & 0°C to 50°C (32°F to 122°F) Factory Tested						
Operating Humidity	0 to 93% RH						
Horn Pattern	Temporal 3						
Strobe Pattern	1 flash per second						
Wire Size	12 to 18 AWG						
Location	Indoor wall/ceiling						
Compatible Model	IQ600						



CLASS B circuit



CLASS A circuit