

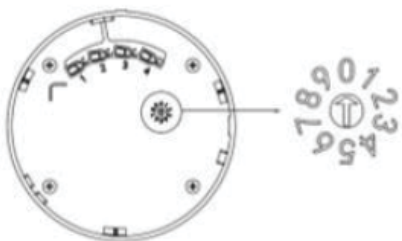
**DESCRIPTION**

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.


**IQ673HS**
**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.

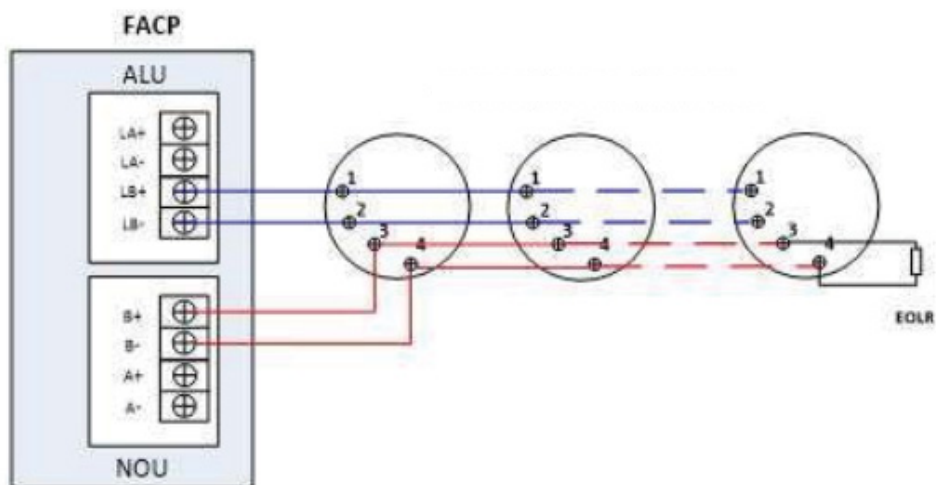


Switch	1	2	3	4	5	6	7	8	9	0
Candela	15	45	75	100	130	177	not used	not used	not used	not used

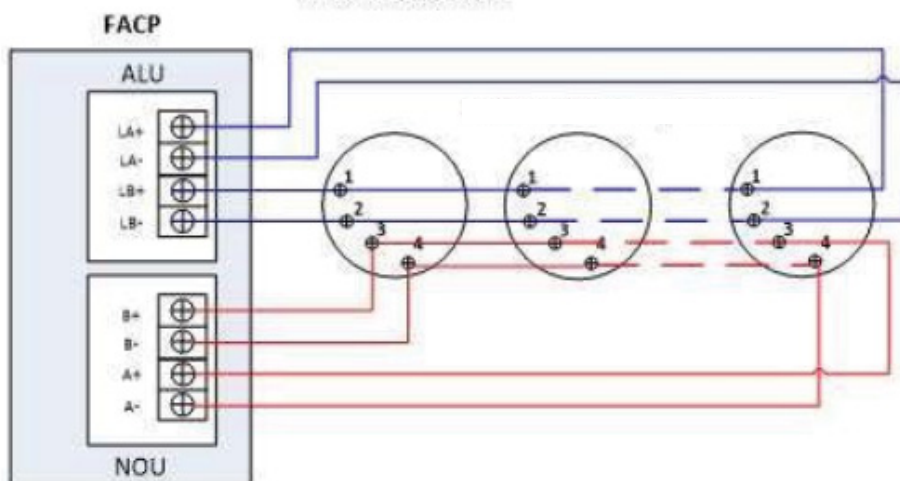

**IQ673HR**

**INSTALLATION**

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



CLASS B circuit



CLASS A circuit