200 Class 70mm Stacklight™



The 200 Class 70mm Stacklight™ is a versatile signaling device that may contain up to five light modules, or four light modules and one sounder module in a single, integrated stack. The lens modules are available with LED, Incandescent or Xenon strobe light sources, and in red, amber, blue, green, yellow and white. Options for Steady Burn, Flash or Multi-Mode are available. The lenses are made from a self-extinguishing polycarbonate material and are scratch and impact resistant.

Optional piezoelectric and magnetodynamic sounder modules complement the visual signals of the Stacklight™, offering several audible tones depending on the model chosen. The sound module has been designed so that it is always in the top position of the Stacklight™.

The 200 Class 70mm Stacklight™ features an interlocking system for quick assembly without any tools. It is available in industrial gray or basic black and offers multiple voltage ranges to provide solutions for most industrial applications, while also meeting machine builder and OEM requirements.

200 Class 70mm Stacklight™ Features

- cULus Listed
- CE approved
- IP65 or IP54 available
- Six lens colors
- Three different light sources – LED, Incandescent and Xenon
- Steady, Flash, Multi-Mode
- Available in Industrial Gray or Basic Black
- Stackable up to five modules including sounder
- Quick and simple assembly with NO tools required
- Two optional sounders available
  - Piezoelectric: Six user selectable tones
  - Magnetodynamic: 32 user selectable tones
- Multiple voltage ranges

200 Class 70mm Stacklight™

Description	Cat. No.**	Operating Temp.
Wiring Base and Cover - Gray	**270BC****	-22°F to 140°F (-30°C to 60°C)

Module Type	Cat. No.**	Operating Temp.	Lens/LED Color	Operating Voltage†	Current	Current mA (flash) Single	Double	Triple	Flash Rate
200 Class 70mm Modules - Gray Integrated LED Steady	**270LEDS*24AD**	-22°F to 122°F (-30°C to 50°C)	Amber, Red, Yellow Blue, Green, White	24V DC	0.065A				
			Amber, Red, Yellow	24V AC	0.085A				
			Blue, Green, White	24V AC	0.075A				
	270LEDS*120A	-22°F to 122°F (-30°C to 50°C)	Amber, Red, Yellow Blue, Green, White	120V AC/DC	0.035A				
	270LEDS*240A	-22°F to 122°F (-30°C to 50°C)	Amber, Red, Yellow Blue, Green, White	240V AC/DC	0.035A				
200 Class 70mm Modules - Gray Integrated LED Multimode	**270LEDM*24AD**	-22°F to 122°F (-30°C to 50°C)	Amber, Red, Yellow	24V AC	0.085A	60	50	50	Single - 75 fpm Double - 85 fpm Triple - 85 fpm
			Blue, Green, White	24V AC	0.075A	55	40	45	
			Amber, Red, Yellow Blue, Green, White	24V DC	0.065A	40	40	40	
	270LEDM*120A	-22°F to 122°F (-30°C to 50°C)	Amber, Red, Yellow	120V AC	0.035A	25	20	25	
			Blue, Green, White	120V AC	0.035A	25	20	20	
	270LEDM*240A		Amber, Red, Yellow	240V AC	0.035A	25	20	25	
			Blue, Green, White	240V AC	0.035A	25	25	20	
200 Class 70mm Modules - Gray Steady on (bulb) LED or Incandescent	**270S*12240AD**	-22°F to 140°F (-30°C to 60°C)	Blue, Amber, Red, Green, Yellow, White	12V AC/DC	0.430A				
				24V AC/DC	0.210A				
				48V AC/DC	0.100A				
				110V AC/DC	0.035A				
				240V AC/DC	0.022A				
200 Class 70mm Modules - Gray Flashing (bulb) LED or Incandescent	**270F*1248D**	-22°F to 140°F (-30°C to 60°C)	Blue, Amber, Red, Green, Yellow, White	12V DC	0.430A				110 fpm (+/-20)
				24V DC	0.210A				
				48V DC	0.103A				
	270F*24240A	-22°F to 140°F (-30°C to 60°C)	Blue, Amber, Red, Green, Yellow, White	24V AC	0.210A				110 fpm (+/-20)
				48V AC	0.103A				
				110V AC	0.037A				
				240V AC	0.027A				
200 Class 70mm Modules - Gray Xenon Strobe	**270STR*24AD**	14°F to 113°F (-10°C to 45°C)	Blue, Amber, Red, Green, Yellow, White	24V AC/DC	0.280A				65 fpm (+/-10)
	270STR*120A			120V AC	0.048A				90 fpm (+/-20)
	270STR*240A			240V AC	0.055A				90 fpm (+/-20)
Piezoelectric Acoustic - Gray (IP54)	**270PZO1248AD**	-22°F to 140°F (-30°C to 60°C)		12V AC/DC	0.003A				
				24V AC/DC	0.006A				
				48V AC/DC	0.013A				
	270PZO120240A	-22°F to 132.8°F (-30°C to 56°C)		120V AC/DC	0.004A				
				240V AC/DC	0.010A				
Magnetodynamic Acoustic - Gray	**270MDA1224AD**	-22°F to 140°F (-30°C to 60°C)	See chart on page 4						
	270MDA120A	-22°F to 122°F (-30°C to 50°C)							
	270MDA240A								

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

NOTE: Add "B" to end of the catalog number for Basic Black unit.

†AC voltage frequency is 50/60 Hz

Bulbs

Description	Cat. No.	LED Color	Operating Voltage
LED Bulb	**270LED*120V**	Blue, Amber, Red, Green, White	120V
	270LED*12V	Blue, Amber, Red, Green, White	12V
	270LED*240V	Blue, Amber, Red, Green, White	230/240V
	270LED*24V	Blue, Amber, Red, Green, White	24V
5W Incandescent Bulb	**2705W12V**		12V
5W Incandescent Bulb-25 Pack	**2705W12V25PK**		12V
5W Incandescent Bulb	**2705W120V**		120V
5W Incandescent Bulb-25 Pack	**2705W120V25PK**		120V
5W Incandescent Bulb	**2705W240V**		240V
5W Incandescent Bulb-25 Pack	**2705W240V25PK**		240V
5W Incandescent Bulb	**2705W24V**		24V
5W Incandescent Bulb-25 Pack	**2705W24V25PK**		24V
5W Incandescent Bulb	**2705W48V**		48V
5W Incandescent Bulb-25 Pack	**2705W48V25PK**		48V

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

Accessories

Description	Cat. No.
Junction Box - Gray	**270JBX****
Footing with Extension - Gray	**270KIT****
Threaded Extension Pole 100mm - Gray	**270TEP****
Threaded Footing - Gray	**270THF****
Threaded Wall Mount - Gray	**270TWM****
Double Threaded Wall Mount - Gray	**270TWM2****
270 Flexible Steel Extension Stem - 370mm	**270FLXT**
270 Stainless Steel Extension Stem - 100mm	**270SSXT100**
270 Stainless Steel Extension Stem - 200mm	**270SSXT200**
270 Stainless Steel Extension Stem - 400mm	**270SSXT400**
270 Female Adapter Base - Gray	**270FMLADAPT**

NOTE: Add "B" to end of the catalog number for Basic Black unit.



Junction Box



Threaded Footing



Footing with Extension



Threaded Extension Pole



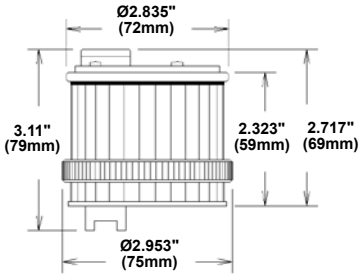
Threaded Wall Mount



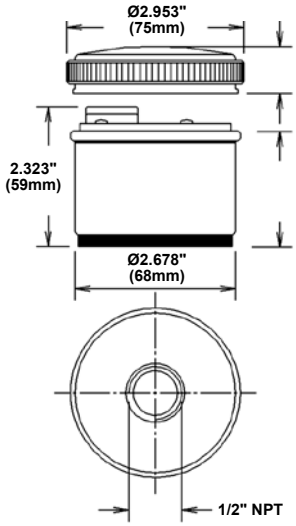
Double Threaded Wall Mount

Dimensional Drawings

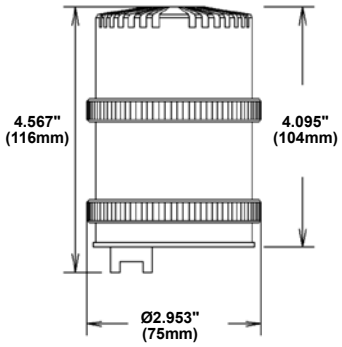
Light Module



Base and Cover



Acoustic Module





Stainless Steel Extension Stem

Flexible Steel Extension Stem

Agency Approvals

c UL us Listed

CE

70mm Magnetodynamic (MDA) Acoustic Module

Sound Type	F (Hz)	12VDC		24VDC		12VAC		24VAC		120VAC		240VAC	
		A	dB	A	dB	A	dB	A	dB	A	dB	A	dB
Bi-tone	450/540	100	89	120	95.5	0.340	92.5	0.380	97.5	0.055	96	0.035	96.5
	600/700	125	90	150	96.5	0.380	92.5	0.450	99	0.065	96.5	0.035	97.5
	600/700	125	90	145	96.5	0.390	92.5	0.450	99	0.065	96.5	0.035	97.5
	800/970	170	93	190	100	0.485	95	0.550	101	0.075	99	0.040	99.5
	2400/2850	335	97.5	450	106	0.945	100.5	0.1060	107	0.0105	102	0.060	102.5
Bi-tone with pause	600/700	30	89.5	45	96	0.120	92	0.170	98	0.055	96.5	0.030	97.5
	1200/1700	45	95	60	98.5	0.170	97.5	0.230	100.5	0.060	99	0.035	99.5
	2400/2830	70	100	90	104.5	0.210	103	0.295	106	0.085	102	0.045	102
Fast bi-tone	800/970	170	92.5	190	99.5	0.485	94.5	0.555	101	0.075	99	0.040	99.5
Multi-tone	1000/1700	150	95	185	99.5	0.445	98	0.555	101	0.070	98.5	0.040	99
Multi-tone (buzzer)	800/970	110	92.5	140	96.5	0.370	96	0.440	98.5	0.060	97	0.035	97.5
	2400/2830	290	100	335	104	0.755	102.5	0.875	105.5	0.090	101.5	0.050	102
Slow multi-tone	800/970	110	95	140	99	0.350	97.5	0.440	100.5	0.060	99	0.035	100
	2400/2830	290	101	335	105.6	0.720	103.5	0.855	106.5	0.095	103	0.050	103.5
Fast multi-tone	800/970	110	93	140	97.5	0.350	96	0.435	99	0.060	97	0.035	98
	2400/2830	290	100.5	335	104.5	0.725	102.5	0.865	105.5	0.095	102	0.050	102.5
Intermittent multi-tone	500/1200	85	95.5	110	99	0.280	98	0.355	101	0.065	99	0.035	100
Descending multi-tone	1200/500	95	94	125	98	0.315	96.5	0.385	99.5	0.060	98	0.035	98.5
Evacuation	430/560	110	86.5	125	95.5	0.345	89	0.400	97	0.060	95.5	0.035	96
Intermittent	660	45	89.5	65	93.5	0.190	92	0.250	95.5	0.045	94.5	0.025	95
	660	45	90.5	70	94.5	0.190	93	0.240	96.5	0.055	95.5	0.030	95.5
	970	30	92	50	96	0.130	94	0.185	97	0.050	95.5	0.030	96.5
Fast intermittent	2830	200	96.5	240	102	0.600	99.5	0.705	102.5	0.080	98.5	0.045	99
	2850	170	95.5	205	101	0.550	98.5	0.585	102	0.075	98.5	0.040	99
Slow intermittent	660	50	90.5	70	94.5	0.175	93	0.240	96.5	0.055	95.5	0.030	95.5
	970	70	92.5	95	96.5	0.230	94.5	0.295	97.5	0.065	96	0.035	96.5
Linear	300	40	87	60	91	0.170	91	0.220	93	0.040	93	0.025	93
	500	65	89.5	90	93.5	0.235	93.5	0.290	96	0.050	95	0.030	95.5
	1000	125	92	160	96.5	0.385	94	0.485	98	0.065	95.5	0.035	97
	2830	320	97.5	360	102	0.770	100	0.915	103.5	0.095	99	0.055	99.5
Modulated	1000/1700	150	97	185	101.5	0.440	100	0.550	103	0.075	100.5	0.040	101
	1400/1600	165	95	205	99.5	0.470	98	0.595	101.5	0.075	98.5	0.040	98.5

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