

CEILING MOUNT SERIES STROBES AND HORN/STROBES

DESCRIPTION

Fike's ceiling mount strobes and horn/strobes, manufactured by System Sensor, offer a fresh approach to addressing the unique needs for ceiling mount applications, offering significant current draw reductions and other advantages over other ceiling mount strobes and horn/strobes.

Fike's compact design also offers installation savings. The strobe and horn/strobe models mount to a 4"x4"x1 1/2" back box, and take up little room in the back box, making connections easier. And with the round shape, it is not necessary to align the back box with the room's walls. It always lines up.

Fike's ceiling mount strobes and horn/strobes are available in seven different candela, including 177 candela for sleeping areas. The horn/strobe's tones are field-selectable through the use of a three position switch located on the back of the unit. Selections include electromechanical and 3 KHz tones, temporal 3 and non-temporal 3 patterns, and high and low volume.

Fike's ceiling strobes and horn/strobes offer a design that is sensitive to the aesthetic demands of ceiling mount applications. The round shape maintains a low profile appearance, similar to that of a smoke detector. Its stylish curves and design further refine the aesthetics over other generic wall/ceiling mount designs. Yet the round shape provides clearly visible "FIRE" identification from all angles.

STANDARD FEATURES/SPECIFICATIONS

- Lower current draw
- Available in 15, 15/75, 30, 75, 95, 115, and 177 candela
- Horn/strobe models include a three position switch for field-selecting horn tones:
 - Electromechanical/3KHz
 - Temporal 3/Non-temporal 3
 - High/Low dBA output
- Ceiling-specific shape, profile and aesthetics
- Synchronizable with MDL Sync•Circuit™ module
- Mounts to 4"x4"x1 1/2" back box
- Round shape offers greater placement flexibility
- Operating Voltage: 24 VDC and FWR unfiltered
- Input Terminals: 12 to 18 AWG
- Operating Voltage Range: 24V, 16–33 V (177cd models tested at 20–33 V FWR and 16–33 VDC)
- Operating Voltage Range w/Sync•Circuit Module: 24V, 17–33 V (177cd models tested at 21–33 V FWR and 17–33 VDC)
- Dimensions: 6.8" diameter
- Mounting: 4" x 1 1/2" back box
- Indoor Operating Temperature: 32° to 120° F (0° to 49°C)
- Max. Humidity: 95% as tested per UL464
- Weight: 5.3 oz. (150 grams)
- U.S. Patent Numbers: 6,049,446, 6,057,778 and D424,465

NOTE: All strobes were only tested at the 16-33 Volt-FWR/DC limits. This does not include the 80% low end or 110% high end voltage limits.



Strobe



Horn/Strobe



Accessory Mounting Plate

APPROVALS

- CSFM 7125-1209:201, 7135-1209:204
- FM Approved
- MEA Approved
- UL S5512, S4011

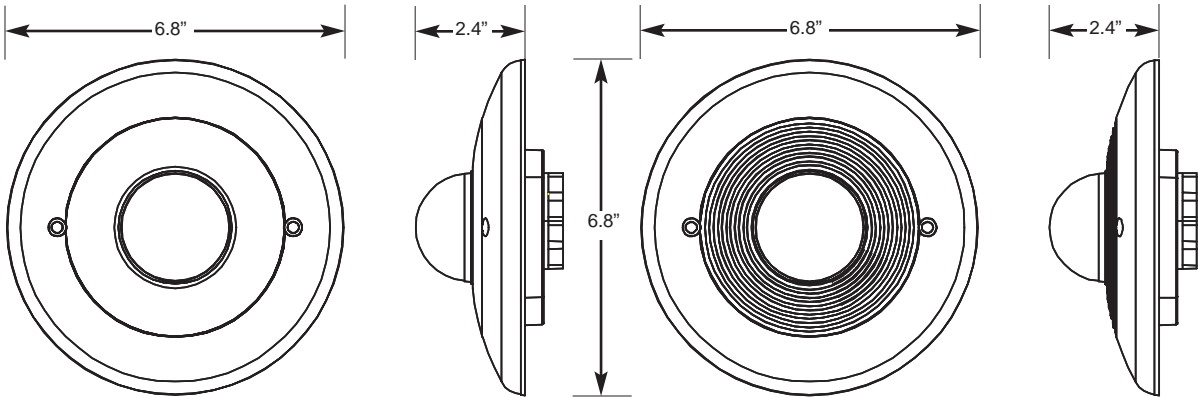
AVAILABLE MODELS

	Fike Model No	Manf. Model No	Fike Model No	Manf. Model No	Voltage	Candela	FWR Max. Operating Current - Strobe (mA RMS)	DC Max. Operating Current - Strobe (mA RMS)	FWR Max. Operating Current - Horn (mA RMS)	DC Max. Operating Current - Horn (mA RMS)	Horn Audibility (dBA)
	Red	Red	White	White							
Ceiling-mount Strobes	20-130-98	SC2415	20-130-106	SC2415W	24	15	68	64	-	-	-
	20-130-99	SC241575	20-130-107	SC241575W	24	15/75	77	78	-	-	-
	20-130-101	SC2430	20-130-109	SC2430W	24	30	107	113	-	-	-
	20-130-102	SC2475	20-130-110	SC2475W	24	75	197	205	-	-	-
	20-130-103	SC2495	20-130-111	SC2495W	24	95	239	274	-	-	-
	20-130-104	SC24115	20-130-112	SC24115W	24	115	298	325	-	-	-
	20-130-105	SC24177	20-130-113	SC24177W	24	117	399	489	-	-	-
Ceiling-mount Horn/ Strobes*	20-130-64	PC2415	20-130-72	PC2415W	24	15	68	64	57.5	57	-
	20-130-65	PC241575	20-130-73	PC241575W	24	15/75	77	78	57.5	57	-
	20-130-67	PC2430	20-130-75	PC2430W	24	30	107	113	57.5	57	-
	20-130-68	PC2475	20-130-76	PC2475W	24	75	197	205	57.5	57	-
	20-130-69	PC2495	20-130-77	PC2495W	24	95	239	274	57.5	57	-
	20-130-70	PC24115	20-130-78	PC24115W	24	115	298	325	57.5	57	-
	20-130-71	PC24177	20-130-79	PC24177W	24	177	399	489	57.5	57	-
Sync-Circuit Module	20-130-26	MDL	20-130-27	MDLW		Average Current (mA)		Peak Current (mA)		In-rush Current (mA)	
						DC	FWR	DC	FWR	DC	FWR
					12	10	12	30	31	87	122
					24	11	15	35	37	198	262
Mounting Plate	20-130-35	BBSC	20-130-36	BBSCW	-	-	-	-	-	-	-

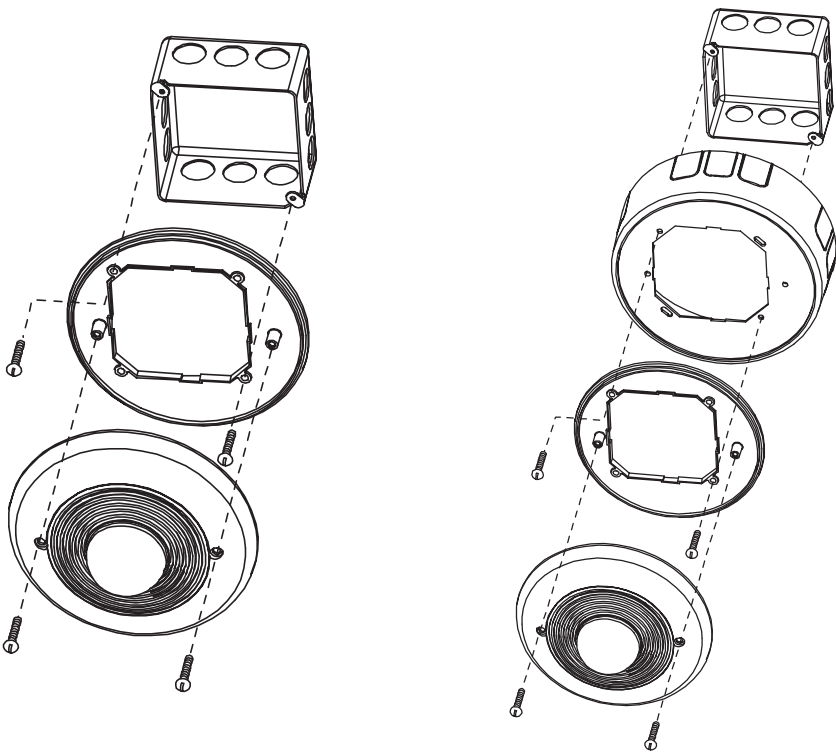
Selectable Horn Tones

Temporal	Low Volume	Electromechanical	75
		3000 Hz Interrupted	75
	High Volume	Electromechanical	80
		3000 Hz Interrupted	81
Non-Temporal	Low Volume	Electromechanical	79
		3000 Hz Interrupted	79
	High Volume	Electromechanical	84
		3000 Hz Interrupted	86

Dimensions



Mounting Diagrams



*Strobe or Horn/Strobe with
Mounting Plate*

*Strobe or Horn/Strobe with
Accessory Back Box Skirt*

ARCHITECT AND ENGINEERING SPECIFICATIONS

Strobe

Strobe shall be a System Sensor Model _____ listed to UL 1971 and be approved for fire protective service where ceiling mount strobes are permitted. The strobe shall be wired as a primary signaling notification appliance and shall flash at 1Hz over the strobe's entire operating range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system.

Horn/Strobe Combination

Horn/strobe shall be a System Sensor Model _____ listed to UL 1971 and UL 464 and be approved for fire protective service where ceiling mount horn/strobes are permitted. The horn/strobe shall be wired as a primary signaling notification appliance and shall flash at 1Hz over its entire operating range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The horn shall have two tone options, two audibility options, and the option to switch between a temporal 3 pattern and a non-temporal continuous pattern. These options shall be selected by a multi-position switch. Strobes shall be powered independently of the sounder with the removal of factory installed jumper wires. The horn on horn/strobe models shall operate on a coded or non-coded power supply.

NOTE: The strobes must be powered continuously for the horn to operate.



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