

## LED Indoor Selectable Horns, Strobes and Horn Strobes



TRIGA LED audible visible notification products are rich with features guaranteed to cut installation times and maximize profits with lower current draw and modern aesthetics.

### Features

- LED technology provides lower current draw
- Digital Voltage Meter (DVM) diagnostic test points for Horn Strobes and Strobes
- Standard and compact sizes
- Tamper-resistant construction
- Field-selectable candela settings on wall units: 15, 30, 75, 95, 110, 135, and 185
- Field-selectable candela settings on ceiling units: 15, 30, 75, 95, 115, 150, and 177
- Rotary switches for candela, tone and volume selections
- Mounting plate provides plug-in design for easier installation and shorting springs to check wiring continuity
- Synchronization through use of UL approved power supplies that support System Sensor Sync protocol or System Sensor MDL3 Sync Module
- Horns, Strobes and Horn Strobes listed for wall or ceiling use
- IP Rating: IP20

### Agency Listings



TRIGA LED platform offers the most versatile and easy-to-use line of horns, strobes, and horn strobes in the industry with lower current draw and modern aesthetics. LED lighting technology offers significantly lower current draw compared to older Xenon bulbs across a full candela range. This improves design flexibility for notification appliance circuits (NACs) while also reducing power supply requirements allowing for simpler and lower cost installations.

Flexible design options meet virtually any application requirement: wall or ceiling mount, standard or compact sizes, red or white color choices, bezel kits for alternate markings and languages, and LED color lenses for distinctive visual signaling. In addition, installers can easily adapt devices using field selectable candela, tone and volume settings using rotary switches.

All devices feature plug-in designs with minimal intrusion into the back box, making installations fast and foolproof while virtually eliminating costly and time-consuming ground faults. The universal mounting plate includes an onboard shorting spring, so installers can test wiring continuity before the device is installed.

In addition, TRIGA LED notification appliances offer a new diagnostic test point feature that allows you to measure device voltage with a digital voltage meter (DVM) without removing the appliance from the wall or ceiling. The DVM test points are discreetly located on the face of the notification appliance which enable faster troubleshooting and end of line (EOL) voltage checks while greatly reducing the risk of misplacing or damaging appliances during troubleshooting.

## LED Specifications

Physical/Electrical Specifications	
Standard Operating Temperature	32°F to 120°F (0°C to 49°C)
Humidity Range	10 to 93% non-condensing
Strobe Flash Rate	1 flash per second
Nominal Voltage, LED Strobes and Horn Strobes	Regulated 24 VDC
Nominal Voltage, Horns	Regulated 12 VDC or regulated 24 DC/FWR
Operating Voltage Range, LED Strobes and Horn Strobes	16 to 33 V (24 V nominal)
Operating Voltage Range, Horns	8 to 17.5 V (12 V nominal) or 16 to 33 V (24 V nominal)
Input Terminal Wire Gauge	12 to 18 AWG

## UL Current Draw (Strobe)

UL Max. Strobe Current Draw (mA)			
	Candela Rating	16–33 Volts	
		Wall	Ceiling
Candela Range	15	18	18
	30	22	22
	75	70	70
	95	75	75
	110	85	-
	115	-	90
	135	105	-
	150	-	110
	177	-	115
	185	120	-

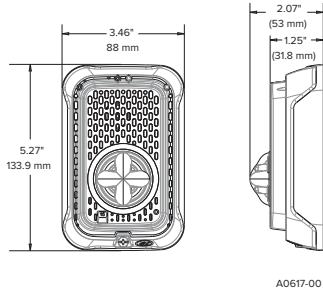
## UL Current Draw (Horn)

UL Max. Horn Current Draw (mA RMS)				
Sound Pattern	dB	8–17.5 Volts 16–33 Volts		
		DC	DC	FWR
Temporal	High	39	44	54
Temporal	Low	28	32	54
Non-Temporal	High	43	47	54
Non-Temporal	Low	29	32	54
3.1 KHz Temporal	High	39	41	54
3.1 KHz Temporal	Low	29	32	54
3.1 KHz Non-Temporal	High	42	43	54
3.1 KHz Non-Temporal	Low	28	29	54
Coded	High	43	47	54
3.1 KHz Coded	High	42	43	54

## UL Current Draw (Horn Strobe)

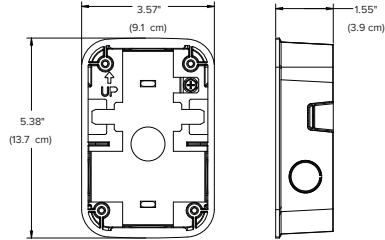
UL Max. Horn Strobe Current Draw (mA) and Sound Output (dBA)													
		Current Draw (mA RMS), Horn Strobe, Candela Range (15-185 cd)											Sound Output (dBA)
		16-33 Volts											16-33V
Switch Pos.	Sound Pattern	dB	15cd	30cd	75cd	95cd	110cd WALL	115cd CEILING	135cd WALL	150cd CEILING	177cd CEILING	185cd WALL	DC
1	Temporal 3	High	35	38	87	92	94	120	189	189	190	190	87
2	Temporal 3	Low	35	38	87	92	94	120	135	135	145	145	79
3	Non-Temporal	High	50	52	87	92	94	120	127	127	135	135	87
4	Non-Temporal	Low	35	38	87	92	94	120	125	125	130	130	79
5	3.1KHz Temporal 3	High	35	38	87	89	91	115	155	155	165	165	86
6	3.1KHz Temporal 3	Low	35	38	87	89	91	115	128	130	135	135	80
7	3.1KHz Non-Temporal	High	40	42	87	89	91	115	125	125	135	135	86
8	3.1KHz Non-Temporal	Low	35	38	87	89	91	115	120	120	130	130	80

## LED Dimensions : Wall-Mounted Equipment



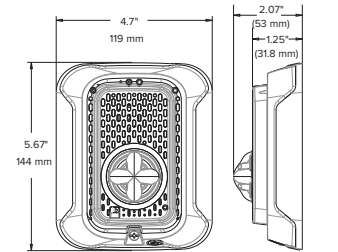
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**Compact Strobe, Horn Strobe  
for Wall**



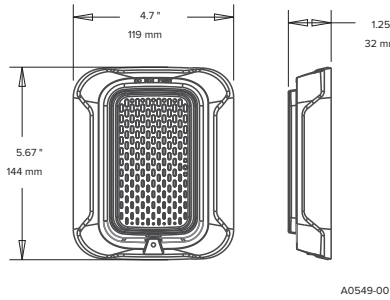
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**Compact Surface Mount Back Box  
for Walls (SBBGRL, SBBGWL)**



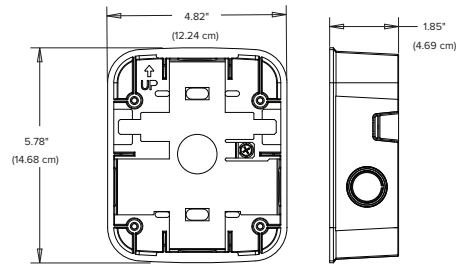
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**Strobes, Horn Strobes  
for Walls**



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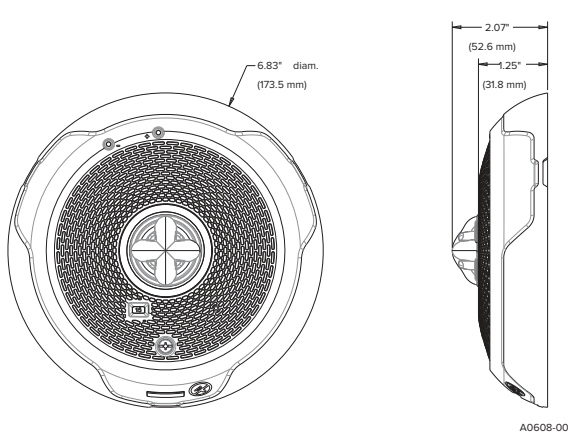
**Horn**



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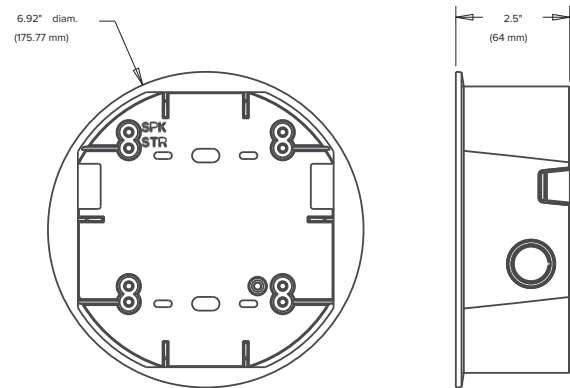
**Surface Mount Back Box  
for Walls (SBBRL/SBBWL)**

## LED Dimensions : Ceiling-Mounted Equipment



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**Strobes and Horn Strobes  
for Ceilings**



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**Surface Mount Back Box  
for Ceilings (SBBCRL, SBCWL)**



## Ordering Information

Model	Description
<b>LED Horn Strobes</b>	
TR-P2RLED	2-Wire, Horn Strobe, Wall, Red
TR-P2WLED	2-Wire, Horn Strobe, Wall, White
TR-P2GRLED	2-Wire, Compact Horn Strobe, Wall, Red
TR-P2GWLED	2-Wire, Compact Horn Strobe, Wall, White
TR-PC2RLED	2-Wire, Horn Strobe, Ceiling, Red
TR-PC2WLED	2-Wire, Horn Strobe, Ceiling, White
<b>LED Strobes</b>	
TR-SRLED	Strobe, Wall, Red
TR-SWLED	Strobe, Wall, White
TR-SGRLED	Strobe, Compact, Wall, Red
TR-SGWLED	Strobe, Compact, Wall, White
TR-SCRLED	Strobe, Ceiling, Red
TR-SCWLED	Strobe, Ceiling, White
<b>Horns</b>	
TR-HRL*	Horn Red
TR-HWL*	Horn White

Model	Description
<b>LED Lenses</b>	
LENS-A3	Lens LED Amber Wall/Ceiling
LENS-B3	Lens LED Blue Wall/Ceiling
LENS-G3	Lens LED Green Wall/Ceiling
LENS-R3	Lens LED Red Wall/Ceiling
<b>Accessories</b>	
TR-2	Universal Wall Trim Ring Red
TR-2W	Universal Wall Trim Ring White
SBBRL	Wall Surface Mount Back Box, Red
SBBWL	Wall Surface Mount Back Box, White
SBBGRL	Compact Wall Surface Mount Back Box, Red
SBBGWL	Compact Wall Surface Mount Back Box, White
TRC-2	Universal Ceiling Trim Ring, Red
TRC-2W	Universal Ceiling Trim Ring, White
SBBCRL	Ceiling Surface Mount Back Box, Red
SBBCWL	Ceiling Surface Mount Back Box, White

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