

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

## UL Current Draw (Strobe)

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

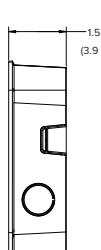
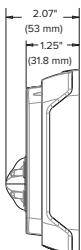
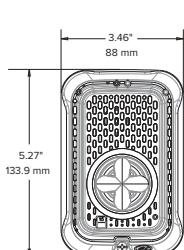
## UL Current Draw (Horn)

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

## UL Current Draw (Horn Strobe)

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

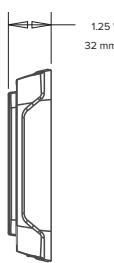
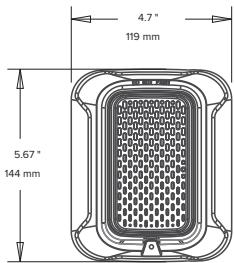
## LED Dimensions : Wall-Mounted Equipment



**Compact Strobe, Horn Strobe  
for Wall**

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

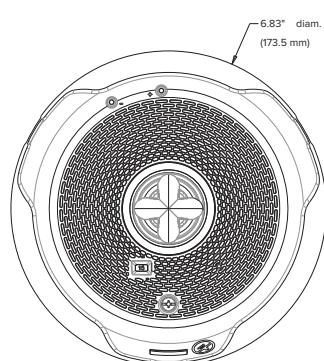
**Strobes, Horn Strobes  
for Walls**



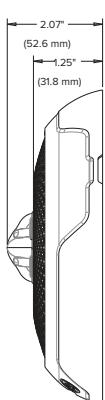
**Horn**

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

## LED Dimensions : Ceiling-Mounted Equipment



**Strobes and Horn Strobes  
for Ceilings**



**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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