

70mm LT7 Series Light Towers

Easily build or modify the combination that works for you!

The LT7 light tower combines innovative LED technology with modular style assembly. This enables the towers to meet the extensive requirements seen in most status indicating applications. The simple design uses only 9 modular components to make a five color tower complete with alarm and flashing functions.

Using the latest and brightest LEDs in the LT7 product range provides brilliant illumination for all the lens colors. The unique prism cut design enhances the brightness and ensures outstanding levels of visibility from any direction and distance.

Key features of the LT7 series light towers include:

- 70mm diameter
- Ultra bright LEDs
- Unique interlocking construction
- Fast and easy assembly
- Optional adjustable alarm
- Lead-free design
- IP65 environment protection, NEMA 4, 4X, 13
- Color-coded wiring terminals
- Only nine modular components with 5 lens colors & 4 base units
- UL/c-UL Listed, CE marked



File #E245027

Part Numbers

Part Numbers: Base Units

Voltage	Steady	Flashing
24V DC	LT7B-D24	LT7B-D24FB
90-250V AC	LT7B-A250	LT7B-A250FB



Base unit comes with top cap.

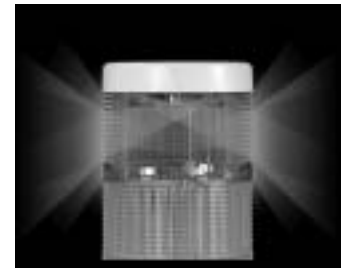
Part Numbers: Lens/LED Module

Color	Part Number
RED	LT7A-R
AMBER/YELLOW	LT7A-Y
GREEN	LT7A-G
BLUE	LT7A-S
CLEAR/WHITE	LT7A-C



LT7 Specifications

Base Units		LT7B-D24	LT7B-D24FB	LT7B-A250	LT7B-A250FB			
Specifications	Operation/Function	Steady	Flashing/Steady		Steady	Flashing/Steady		
	Rated Voltage	24V DC			90~250V AC (50/60Hz)			
	Operating Voltage	±10% (21.6~26.4V)			90~250V AC (50/60Hz)			
	Alarm	–	Alarm 1*	Alarm 2**	–	Alarm 1*	Alarm 2**	
	Current Consumption	–	50±10mA	24±10mA	–	50±10mA	24±10mA	
	Power Consumption	–	1.2±0.25W	0.58±0.25W	–	1.8±0.25W	1.3±0.25W	
	Alarm Sound Level	Max	–	90±5dB (at 1m)		–	90±5dB (at 1m)	
		Min	–	70dB or less (at 1m)		–	70dB or less (at 1m)	
	Flashing Cycle	–	60±12 flashes per minute		–	60±12 flashes per minute		
	Operating Temperature Range	-30°C~+60°C			-25°C~+55°C			
	Mounting	Upright, indoor only			Upright, indoor only			
	Protection	IP65, NEMA 4, 4X, 13			IP65, NEMA 4, 4X, 13			
	Weight	250g	280g		310g	340g		
Open Collector	PNP/NPN			NPN				



Ultra-bright LEDs



Color Coded Wiring Terminals



1. *Alarm 1: continuous sound
2. **Alarm 2: intermittent sound






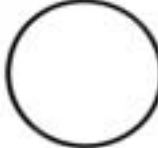
LED Units		LT7A-R	LT7A-Y	LT7A-G	LT7A-S	LT7A-C
Specifications	LED Unit Color	Red	Amber/Yellow	Green	Blue	Clear/White
	Rated Voltage	24V DC				
	Operating Voltage	±10% (21.6~26.4V)				
	Current/Power	52mA/1.25W		42mA/1.0W		
	Operating Temperature Range	-30°C~+60°C				
	Weight	60g				



Operates with all voltage base units listed on previous page.



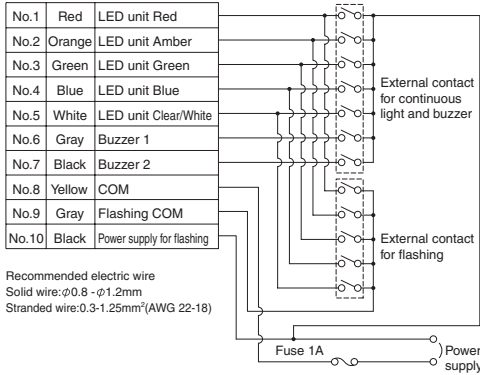
Accessories & Replacement Parts

					
LT9Z-7T	LT9Z-7L	LT9Z-SZ007	LT9Z-HCLT7	LT9Z-M4NUTSLT7	LT9Z-ORINGLT7
mounting pole with base mount	mounting pole with L-angle bracket	wall mounting bracket	replacement top cap (1 piece)	M4 mounting nuts (1 piece)	O-ring gasket (1 piece)

Wiring Examples

LT7B-D24FB

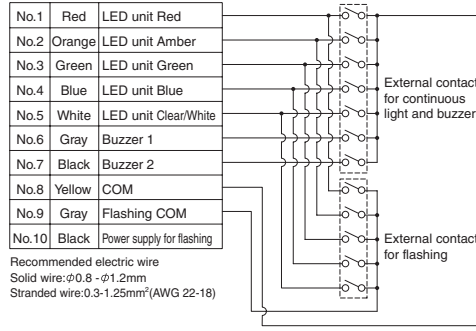
24V DC



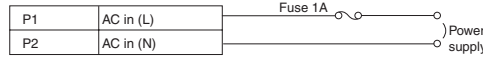
Recommended electric wire
Solid wire: $\phi 0.8 - \phi 1.2\text{mm}$
Stranded wire: $0.3-1.25\text{mm}^2$ (AWG 22-18)

LT7B-A250FB

90-250V AC



Recommended electric wire
Solid wire: $\phi 0.8 - \phi 1.2\text{mm}$
Stranded wire: $0.3-1.25\text{mm}^2$ (AWG 22-18)



Recommended electric wire
Solid wire: $\phi 0.6 - \phi 1.7\text{mm}$
Stranded wire: $0.3-2.5\text{mm}^2$ (AWG 22-14)

LT7B-D24FB

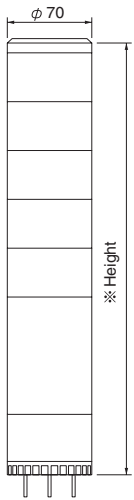


LT7B-A250FB

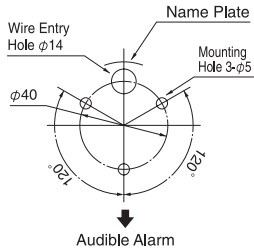


LT7 Dimensions

LT7 Base Unit



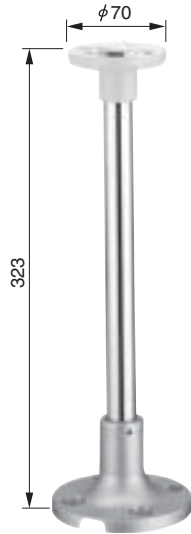
Mounting Dimensions



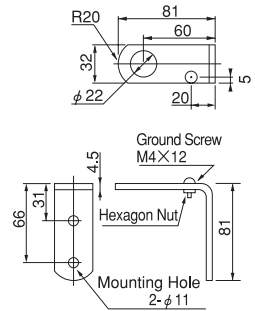
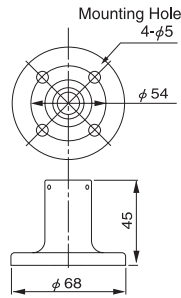
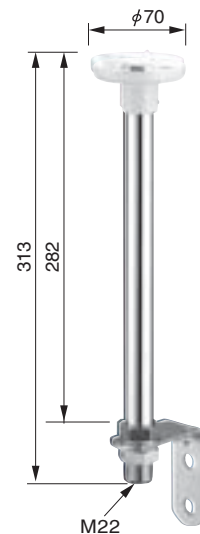
※Height(mm)	
1Light	: 211
2Lights	: 252
3Lights	: 293
4Lights	: 334
5Lights	: 375

LT7 Mounting Brackets

LT9Z-7T



LT9Z-7L



LT9Z-SZ007

