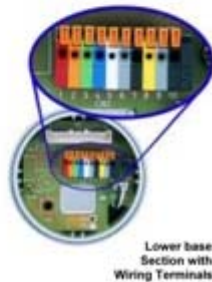


# PATLITE

## ■ LU5 / 50mm - Modular



**TYPE 4/4X/13**  
Indoor Only

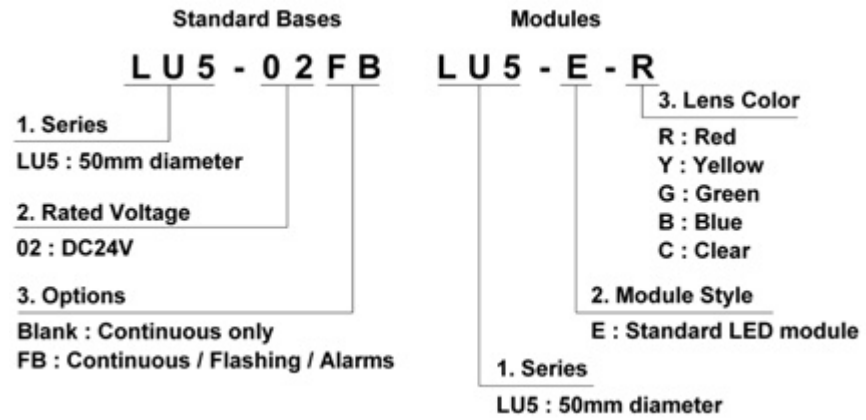


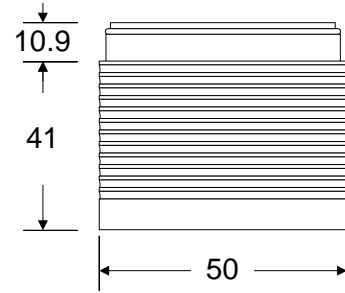
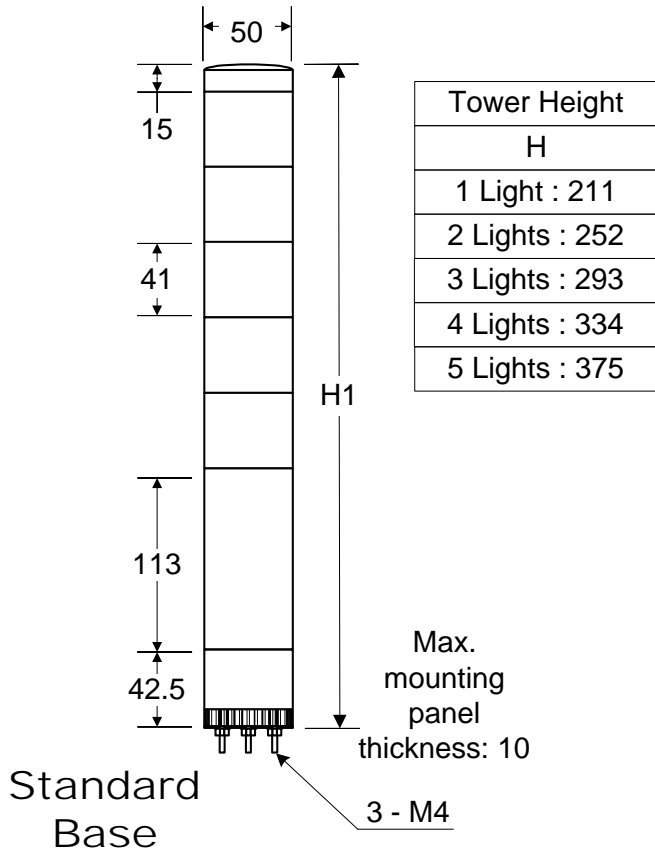
Lower base  
Section with  
Wiring Terminals

## LU5 Series - Medium size Modular System Indicating Light.

<b>SIZE:</b>	50mm diameter
<b>INPUT VOLTAGE</b>	DC24V
<b>OPTIONS:</b>	
<b>FUNCTIONS</b>	- Continuous only
<b>AVAILABLE:</b>	- Continuous, Flashing, Alarms
<b>MOUNTING OPTIONS:</b>	Direct mount only, includes 3 mounting nuts
<b>BODY STYLE:</b>	- Component style, wiring terminals provided - Interchangeable and stackable after purchase
<b>BODY COLOR:</b>	Beige
<b>TIERS:</b>	1-5 modules can be stacked
<b>MODULE COLORS:</b>	Red / Amber / Green / Blue / Clear
<b>ALARMS (FB STYLE ONLY):</b>	- Alarm 1: selectable, single-tone, continuous alarm, 85dB (at 1m) - Alarm 2: selectable, single tone, intermittent (slow beep) alarm, 85dB (at 1m)
<b>RATINGS:</b>	- CE - <a href="#">UL Listed (US)</a> - <a href="#">UL Listed (Canada)</a> - RoHS
<b>PROTECTION:</b>	- IP-65 - Type 4 / 4X / 13 (indoor only)
<b>CONTROL OPTIONS:</b>	- Dry contact closure such as switches or relay contacts - Open-collector transistor (NPN or PNP) for DC24V - Direct voltage control for DC24V, continuous and alarm functions only

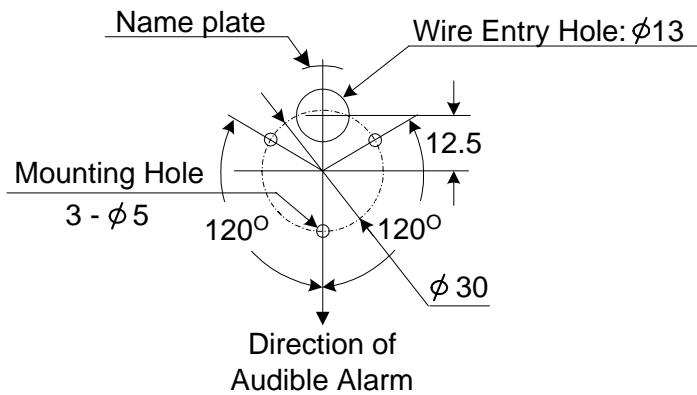
## PART NUMBER GUIDE





Base Voltage	Wire Size Chart	
	24V	Signal Wires
	Power Wires	AWG22 - AWG18

Mounting Dimensions



## Specifications

## LU5 Bases

Input Voltage	Options	DC24V			
	Rated Voltage	DC24V			
	Operating Voltage	Rated Voltage + or - 10%			
Operating temperature Range		-30°C ~ +60°C			
Relative Humidity		Less than 90%			
Flashing Cycle ("FB" style only)		60 + or - 12 flashes per minute			
Alarm Sound Level ("FB" style only)		Max: 90 + or - 4dB (at 1m)		Min: Less than 70 + or - 4dB (at 1m)	
Alarm Sound Description ("FB" style only)		Alarm 1: Continuous single tone Alarm 2: Intermittent, single-tone (slow beep)			
Mounting Location Options		Indoor use only			
Mounting Direction Options		Upright only			
Protection Rating		IP-65			
Vibration		19.6m/s <sup>2</sup> (30Hz) (2 hours each: front-back, right-left, up-down)			
Insulation Resistance		More than 1 Megohm between terminals and chassis at DC500V			
Withstand Voltage (LU7-02 / LU7-02FB)		AC500V applied between terminals and chassis for 1 minute without breaking insulation			
Applicable Standards	CE	EN60958-1: 1993			
	UL	UL Listed per UL-508 (File No. E215660)			
	RoHS	RoHS Directive 2005/95/EC			
Power Consumption		Alarm 1		Alarm 2	
		Steady	Inrush	Steady	Inrush
LU7-02 / LU7-02FB	Current @ DC24V (mA)	50	100	24	100
	Watts	1.2	-----	0.6	-----
Fuse (not included)		1A (250V)			

## Specifications

## LU5-E (LED) Modules

Input Voltage	Rated Voltage	DC24V				
	Operating Voltage	Rated Voltage + or - 10%				
Operating temperature Range		-30°C ~ +60°C				
Relative Humidity		Less than 90%				
Mounting Location Options		Indoor use only				
Mounting Direction Options		Upright only				
Protection Rating		IP-65				
Vibration		(See LU5 Bases Specification)				
Insulation Resistance		More than 1 Megohm between terminals and chassis at DC500V				
Withstand Voltage		AC500V applied between terminals and chassis for 1 minute without breaking insulation				
Module Color		Red	Amber	Green	Blue	Clear
LU7-E	Luminous Intensity (millicandela)	180	400	650	100	550
	(Typical) Current Consumption (mA)	44	44	17	17	17