PATLITE

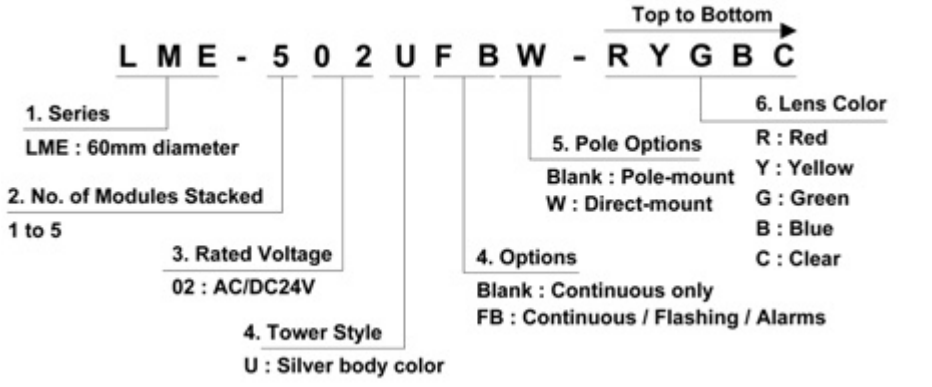
■ LME-U / 60mm

TYPE 4/4X/13
Indoor, Direct-Mount

The LME-U Series is a silver-color body LED tower that is versatile and attractive.

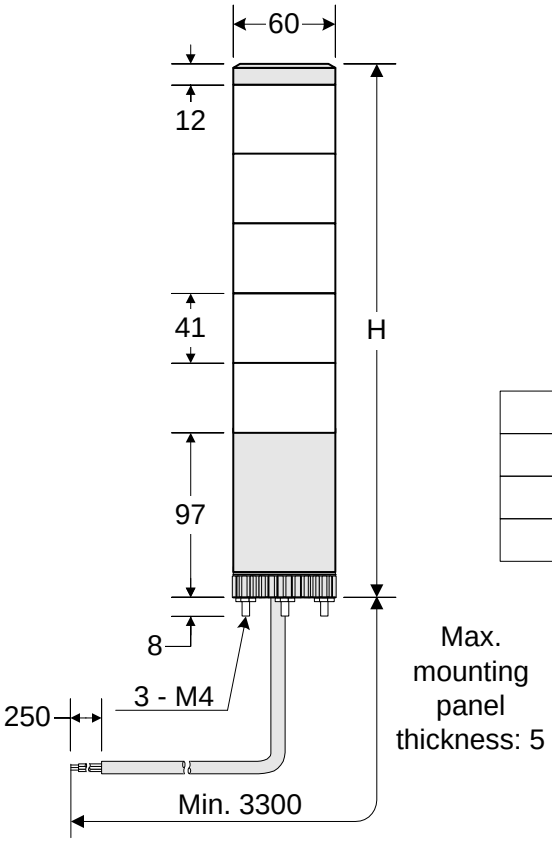
SIZE:	60mm diamete
INPUT VOLTAGE OPTIONS:	AC/DC24V
FUNCTIONS AVAILABLE:	- Continuous only - Continuous, Flashing, Alarms
MOUNTING OPTIONS:	- Pole mount: with 300mm aluminum pole, plastic circular bracket - Direct mount: includes 3 mounting nuts
BODY STYLE:	- Pre-assembled, pre-wired - Interchangeable and stackable after purchase
BODY COLOR:	Gray
TIERS:	1-5 modules can be stacked
MODULE COLORS:	Red / Amber / Green / Blue / Clear
ALARMS (FB STYLE ONLY):	- Alarm 1: selectable, single-tone, intermittent (fast beep) alarm, 85dB (at 1m) - Alarm 2: selectable, single tone, intermittent (slow beep) alarm, 85dB (at 1m)
RATINGS:	- CE - UL Component Recognition (US) - UL Component Recognition (Canada) - RoHS
PROTECTION:	- IP-65 - Type 4 / 4X / 13 (indoor, direct-mount only)
CONTROL OPTIONS:	- Dry contact closure such as switches or relay contacts - Open-collector transistor (NPN or PNP for DC24V, NPN for AC90-250V) - Direct voltage control for DC24V, continuous and alarm functions only

PART NUMBER GUIDE



Mechanical Diagrams (Dimensions in mm) LME-U

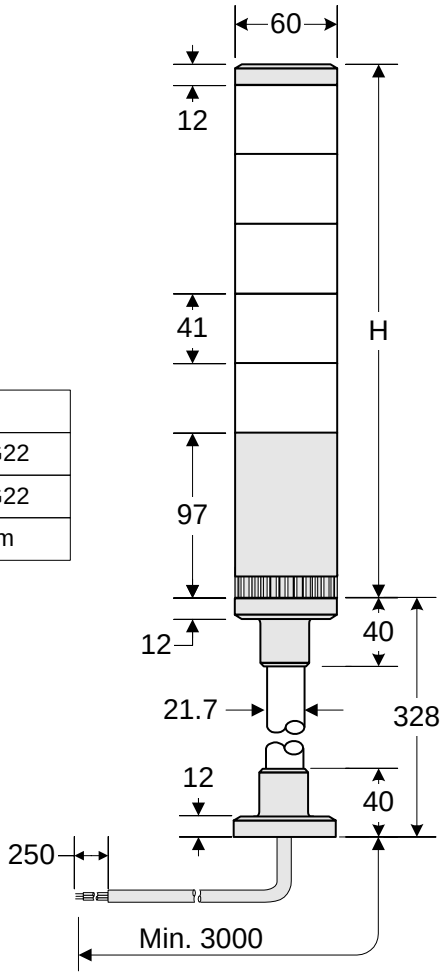
Direct Mount



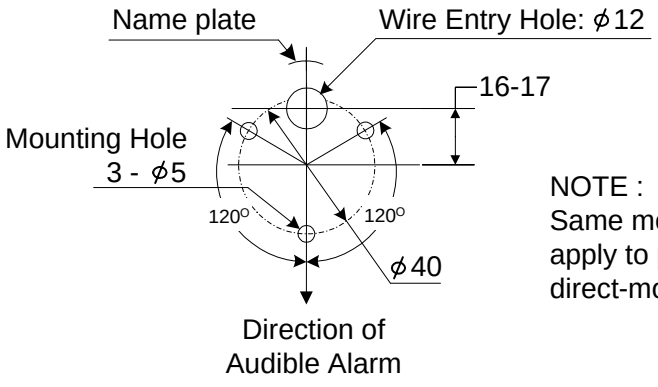
Tower Height [H]
1 Light : 150
2 Lights : 191
3 Lights : 232
4 Lights : 273
5 Lights : 314

Wire Size Chart	
24V: Signal Wires	AWG22
24V: Power Wires	AWG22
Cable O.D.	8mm

Pole Mount



Mounting Dimensions



NOTE :
Same mounting dimensions apply to pole-mount and direct-mount installations

Specifications

LME-U

Input Voltage	Options	AC/DC24V				
	Rated Voltage	AC/DC24V (50-60 Hz)				
	Operating Voltage	Rated Voltage + or - 10%				
Operating temperature Range	-30°C ~ +60°C					
Relative Humidity	Less than 90%					
Flashing Cycle (“FB” styles only)	60 + or – 12 flashes per minute					
Alarm Sound Level (“FB” styles only, measured from the front direction, characteristic : A)	Alarm 1	Max: 84 + or – 4dB (at 1m) Min: 86 + or – 4dB (at 1m)				
	Alarm 2	Max: 86 + or – 4dB (at 1m) Min: 68 + or – 4dB (at 1m)				
Alarm Sound Description (“FB” styles only)	Intermittent, single-tone; Alarm 1: fast beep, Alarm 2: slow beep					
Mounting Location Options	Indoor use only					
Mounting Direction Options	Upright only					
Protection Rating	IP-65					
Vibration	19.6m/s² (30Hz) (2 hours each: front-back, right-left, up-down)					
Insulation Resistance	More than 1 Megohm between terminals and chassis at DC500V					
Withstand Voltage (AC/DC24V)	AC500V applied between terminals and chassis for 1 minute without breaking insulation					
Dielectric Voltage (AC120V)	AC500V applied between terminals and chassis for 1 minute without breaking insulation					
Luminous Intensity (mcd = millicandela)	Red	Amber	Green	Blue	Clear	
	350mdc	580mcd	1300mcd	340mcd	1200mcd	
Applicable Standards	CE	EN60958-1: 1993				
	UL	UL Component Recognition per UL-508 (File No. E215660)				
	RoHS	RoHS Directive 2005/95/EC				

Power Consumption		LED Modules					Alarm 1		Alarm 2	
		Red	Amber	Green	Blue	Clear	Steady	Inrush	Steady	Inrush
AC/DC24V	Current (mA @ 24V)	53	53	20	20	20	40	250	40	250
	Watts	1.3	1.3	0.5	0.5	0.5	1.0	-----	1.0	-----

Contact Capacity (I_S = current capacity; V_S = withstand voltage; V_C = dielectric breakdown voltage; I_L = leakage current)

AC/DC24V		Contact Capacity	Transistor Capacity (NPN and PNP)
	LED Light Module	I_S >= 100mA; V_S >= AC35V	I_C >= 100mA; V_C >= 35V
	Alarm	I_S >= 300mA; V_S >= AC35V	I_C >= 300mA; V_C >= 35V
	Power Supply	I_S >= 500mA; V_S >= AC35V	

Leakage Current	I_L = 0.1mA or less
Fuse (not included)	1A (250V)