

PATLITE

■ LME / 60mm



TYPE 4/4X/13

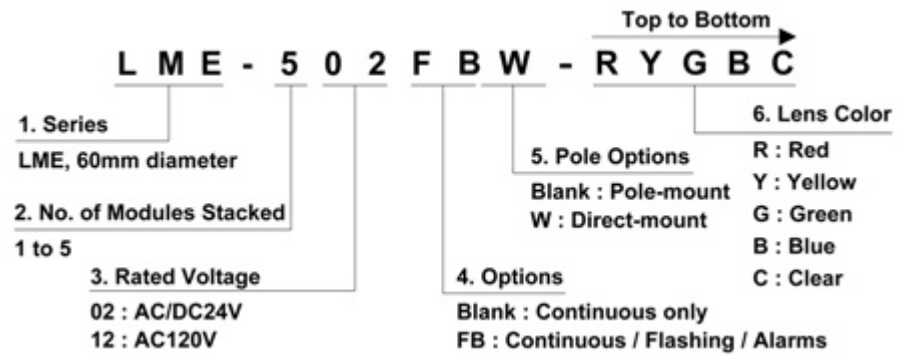
Indoor, Direct-Mount



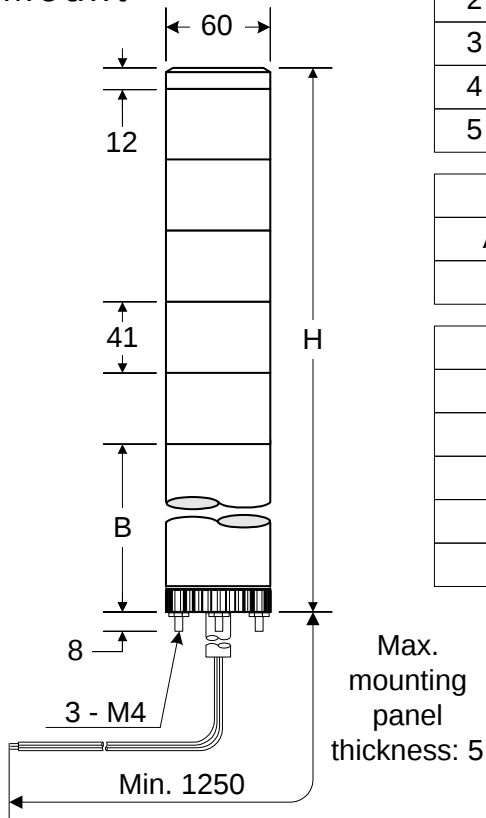
The LME Series indicating light provides the latest in LED technology

SIZE:	60mm diameter
INPUT VOLTAGE	- AC/DC24V
OPTIONS:	- AC120V
FUNCTIONS	- Continuous only
AVAILABLE:	- 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:	Beige
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 (24V only) - UL Component Recognition (US) - UL Component Recognition (Canada) - RoHS
PROTECTION:	- IP-65 (LME, LME-W) - IP-54 (LME-FB, LME-FBW) - 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 AC120V) - Direct voltage control for DC24V, continuous and alarm functions only

PART NUMBER GUIDE



Direct Mount

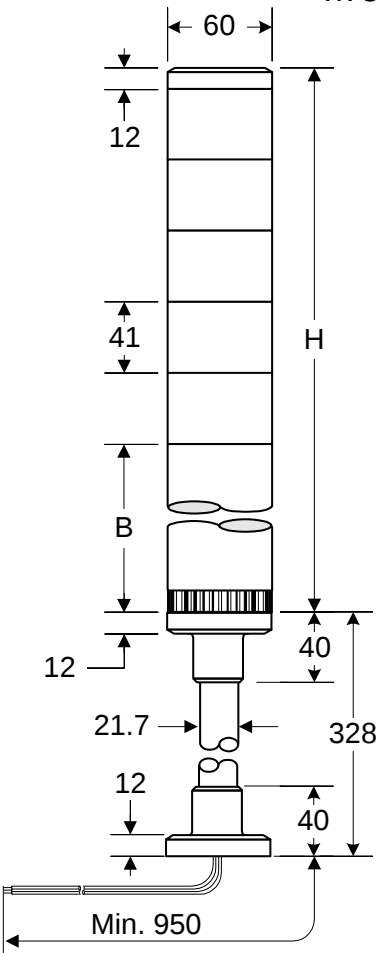


Tower Height [H]	
AC/DC24V	AC120V
1 Light : 150	1 Light : 206
2 Lights : 191	2 Lights : 247
3 Lights : 232	3 Lights : 288
4 Lights : 273	4 Lights : 329
5 Lights : 314	5 Lights : 370

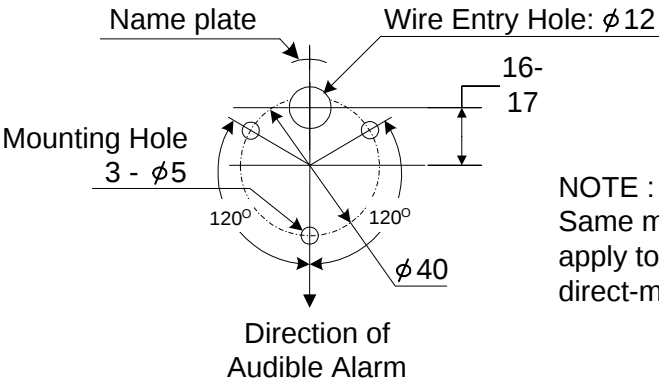
AC/DC24V	AC120V
97	153

Wire Size Chart	
24V: Signal Wires	AWG22
24V: Power Wires	AWG22
120V: Signal Wires	AWG22
120V: Power Wires	AWG18
120V: Ground Wire	AWG18

Pole Mount



Mounting Dimensions



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

Specifications

LME

Input Voltage		Options		AC/DC24V		AC120V				
		Rated Voltage		AC/DC24V (50-60 Hz)		AC120V (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: 64 + or – 4dB (at 1m)			
		Alarm 2	Max: 86 + or – 4dB (at 1m)				Min: 66 + 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		LME, LME-W			IP-65					
		LME-FB, LME-FBW			IP-54					
Vibration		19.6m/s ² (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)		AC1000V applied between terminals and chassis for 1 minute without breaking insulation								
Luminous Intensity (mcd = millicandela)		Red		Amber		Green		Blue		Clear
		350mcd		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	-----
AC120V	Watts	2.0	2.0	0.8	0.8	0.8	1.4	-----	1.4	-----
	Standby Power	1.7W @ AC120V								
Contact Capacity (Is = current capacity; Vs = withstand voltage; Vc = dielectric breakdown voltage; IL = leakage current)										
AC/DC24V		Contact Capacity					Transistor Capacity (NPN and PNP)			
	LED Light Module	Is >= 100mA; Vs >= AC35V					Ic >= 100mA; Vc >= 35V			
	Alarm	Is >= 300mA; Vs >= AC35V					Ic >= 300mA; Vc >= 35V			
	Power Supply	Is >= 500mA; Vs >= AC35V								
AC120V		Contact Capacity					Transistor Capacity (NPN)			
	LED Light Module (Signal wire)	Is >= 100mA; Vs >= AC35V					Ic >= 100mA; Vc >= 35V			
	Alarm (Signal wire)	Is >= 300mA; Vs >= AC35V					Ic >= 300mA; Vc >= 35V			
	Power Supply	Is >=150mA; Vs >= AC125V								
Leakage Current		IL = 0.1mA or less								
Fuse (not included)		1A (250V)								