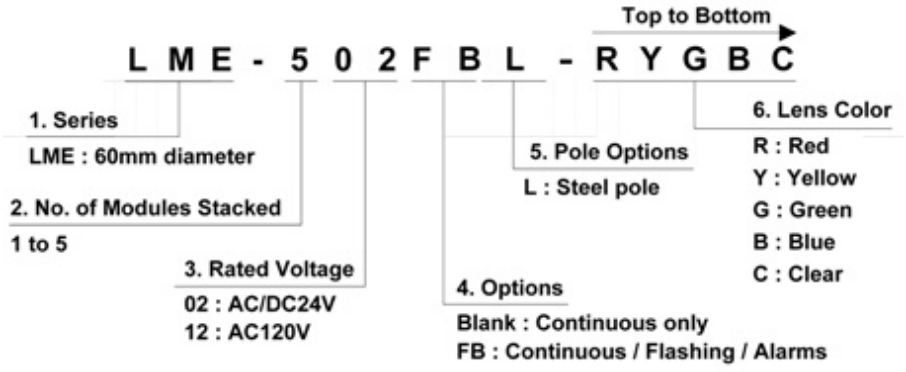
PATLITE

■ LME-L / 60mm

The LME-L Series, with a steel pole, provides the latest in LED technology.

SIZE:	60mm diameter
INPUT VOLTAGE OPTIONS:	- AC/DC24V - AC120V
FUNCTIONS AVAILABLE:	- Continuous only - Continuous, Flashing, Alarms
MOUNTING OPTIONS:	- Pole mount: with 300mm steel pole, SZ-013 angle bracket, 2 nuts, 2 washers
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 - UL Component Recognition (US) - UL Component Recognition (Canada) - RoHS
PROTECTION:	IP-54
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



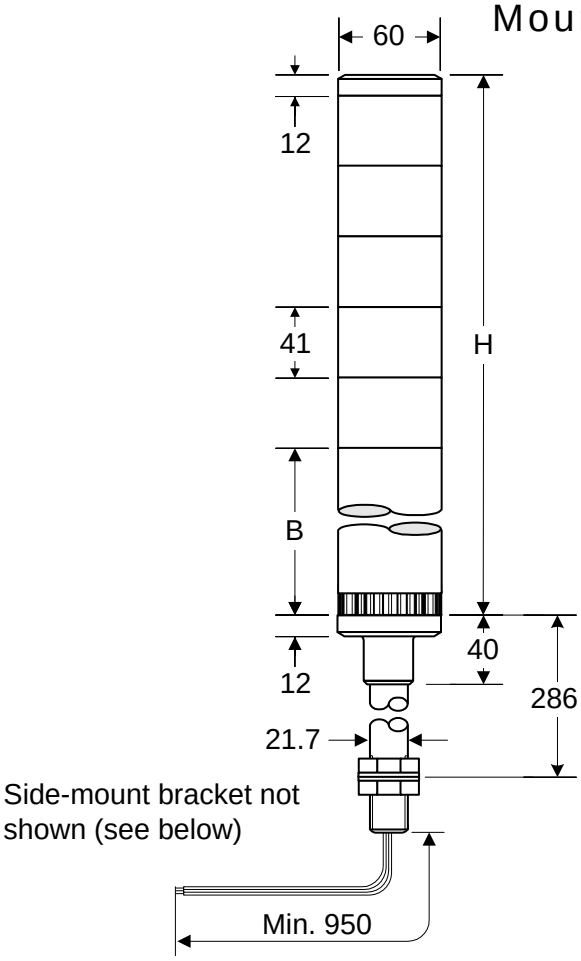
Mechanical Diagrams (Dimensions in mm) LME-L

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

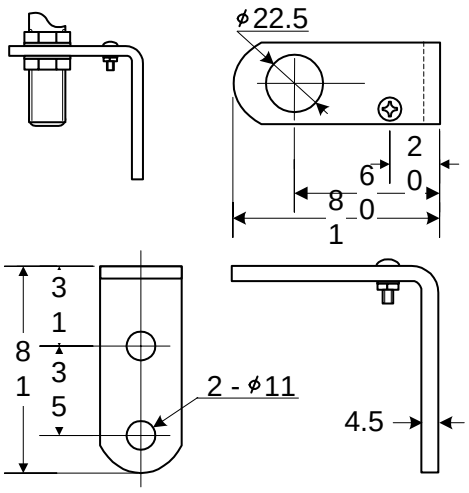
Base Height [B]	
AC/DC24V	AC120V
97	153

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



Side-mount Bracket
(Supplied)



Specifications

LME-L

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	IP-54			
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	-----
AC120V	Watts	2.0	2.0	0.8	0.8	0.8	1.4	-----	1.4	-----
	Standby Power	1.7W @ AC120V								

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	
AC120V		Contact Capacity	Transistor Capacity (NPN)
	LED Light Module (Signal wire)	I_S >= 100mA; V_S >= AC35V	I_C >= 100mA; V_C >= 35V
	Alarm (Signal wire)	I_S >= 300mA; V_S >= AC35V	I_C >= 300mA; V_C >= 35V
	Power Supply	I_S >=150mA; V_S >= AC125V	

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