

PATLITE

■ LME / 60mm



TYPE 4/4X/13

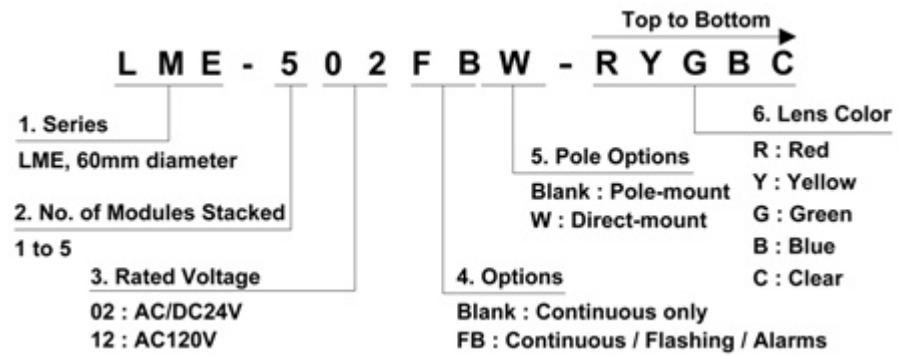
Indoor, Direct-Mount



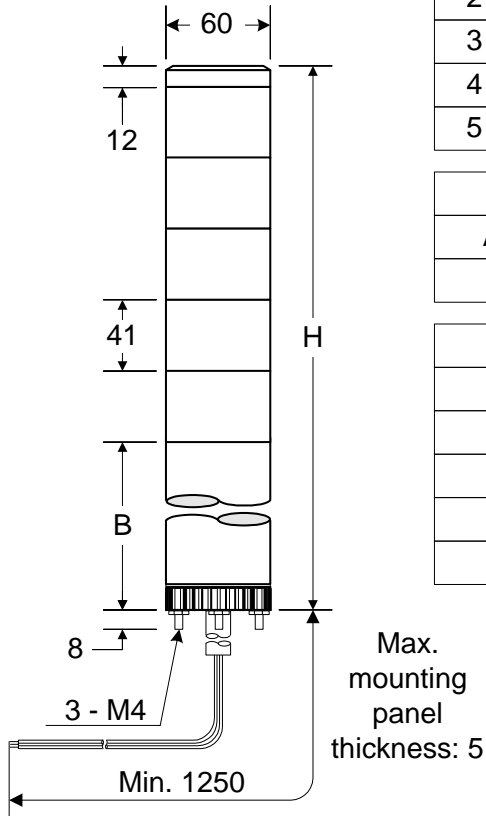
The LME Series indicating light provides the latest in LED technology

| | |
|--------------------------------|---|
| 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



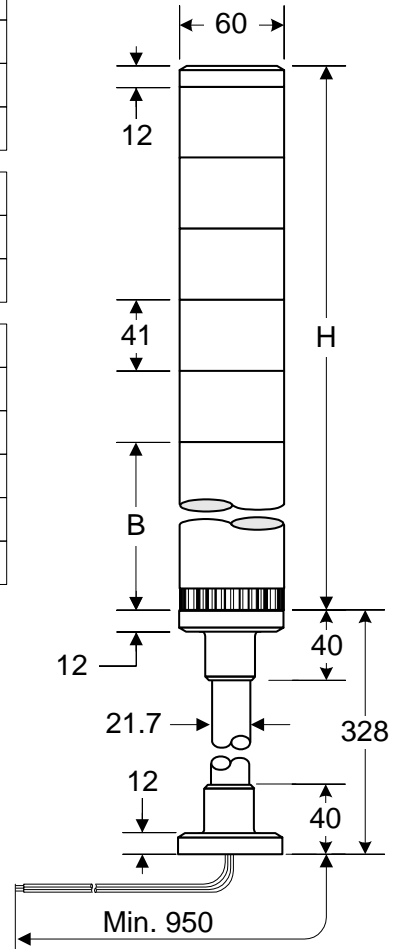
| Tower Height [H] | |
|------------------|----------------|
| AC/DC24V | AC120V |
| 1 Light : 150 | 1 Light : 206 |
| 2 Lights : 191 | 2 Lights : 247 |
| 3 Lights : 232 | 3 Lights : 288 |
| 4 Lights : 273 | 4 Lights : 329 |
| 5 Lights : 314 | 5 Lights : 370 |

| AC/DC24V | AC120V |
|----------|--------|
| 97 | 153 |

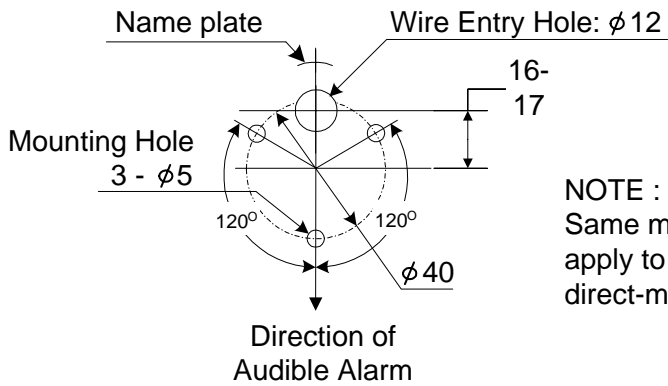
| Wire Size Chart | |
|--------------------|-------|
| 24V: Signal Wires | AWG22 |
| 24V: Power Wires | AWG22 |
| 120V: Signal Wires | AWG22 |
| 120V: Power Wires | AWG18 |
| 120V: Ground Wire | AWG18 |

Max. mounting panel thickness: 5

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 (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) | | | | | | | | |

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