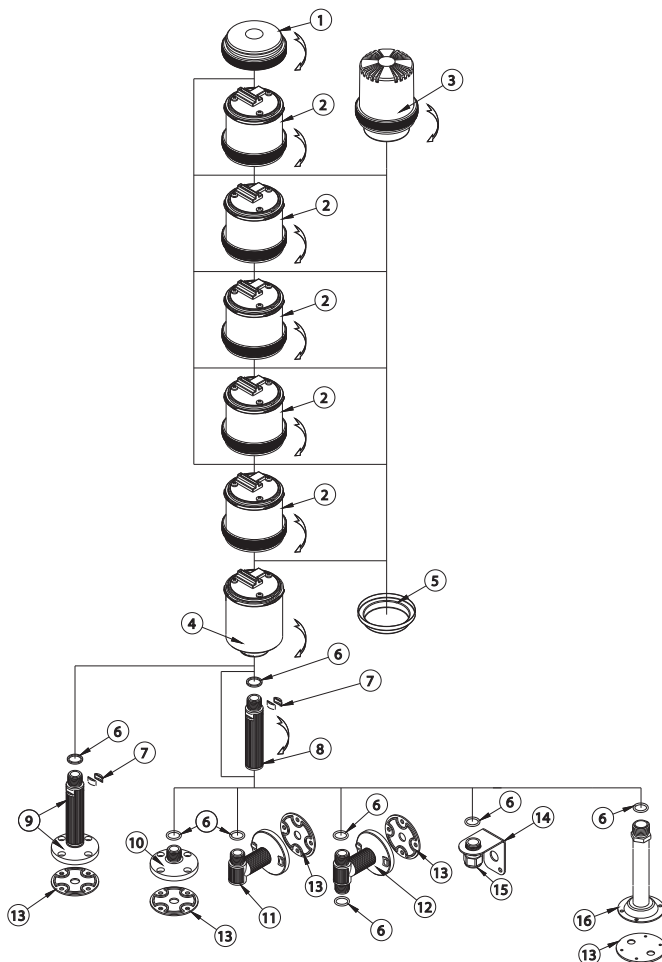


INSTALLATION AND APPLICATION INSTRUCTIONS

The **NEW FMX SL50 Series 50mm Signal Lights** are modular units that provide light and sound status indication. SL50 modules are quick and easy with multiple installation possibilities offered by the various modules and accessories equipped with a ½" NPT thread.

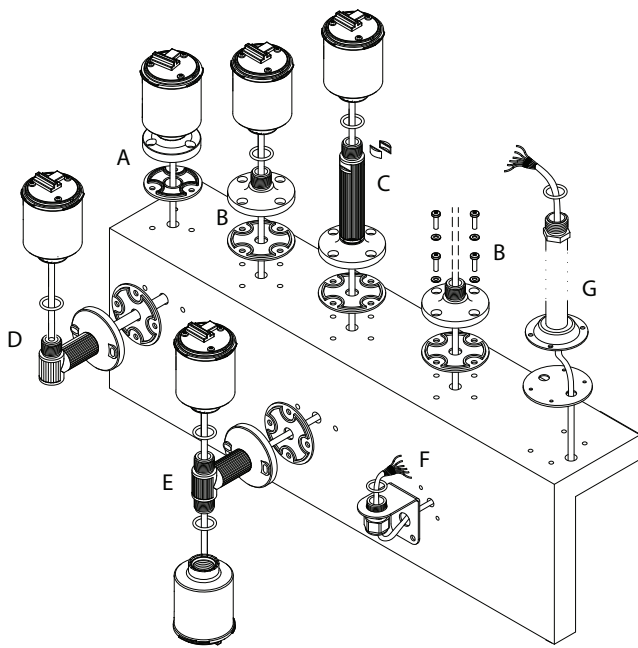
- Light modules available in six colors and one type:
 - Color Lenses: Red, Amber, Green, Blue, Yellow, Clear
 - Clear Lenses: Red, Green, Amber, Blue
 - Multifunctional Integrated LED, Steady & Flashing
- Sound module available in a bitonal sound with 77dB(A)
- Finger-safe, plug-in modules with locking ring are "hot-swappable"
- Many module choices to accommodate voltages 24 to 240V
- Lenses, bases, caps & mounts made up of heavy-duty Polycarbonate (RAL 7016), suitable for outdoor use
- UL Type 4X (Type 3R for sound modules), UL746C (f1) UV Protection, UL94 V-2 Flammability Rating

CONFIGURATION



1. Cap
2. Light module
3. Sound module
4. Wiring base
5. Protection for modules in transit
6. O-ring gasket
7. Removable filler tabs
8. Polycarbonate extension pole
9. Foot and extension pole
10. Foot
11. Vertical mount base support
12. Double vertical mount base support
13. Gasket
14. Stainless steel bracket
15. Cable gland
16. Stainless steel extension pole

INSTALLATION



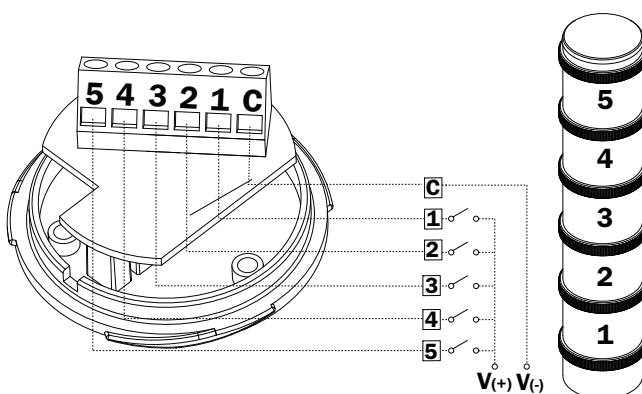
- A - Assembly with gasket
- B - Assembly on foot (Foot with O-ring and gasket), 1/2" NPT thread
- C - Assembly on foot and extension pole, 1/2" NPT thread
- D - Assembly on vertical mount base support, 1/2" NPT thread (Vertical mount base support with O-ring and gasket)
- E - Assembly on double vertical mount base support, 1/2" NPT thread (Double vertical mount base support with O-ring and gasket)
- Note: Up to 5 modules per side can be used with two wiring bases
- F - Assembly on stainless steel bracket with cable gland, 1/2" NPT thread
- G - Assembly on stainless steel extension pole, 1/2" NPT thread. The accessories in figure B, C, D, E, F should be fixed with M5 screws (13 lb-in) and nylon washers (Ø5.3 x Ø10 x 1 for the accessories in figure B and C; Ø5.3 x Ø11.5 x 1.4 for the accessories in figure D and E) under the head of the screw. Accessory in figure G should be fixed with M4 screws.

Note: The use of the extension pole (Extension Pole with O-ring and two removable filler tabs) with 1/2" NPT thread is possible for B,C,D,E assembly.

ELECTRICAL WIRING



INSTALLATION MUST BE MADE BY TRAINED PERSONNEL
USE APPROPRIATE TIME-LAG FUSES ACCORDING TO THE VOLTAGE ON THE POWER SUPPLY LINE

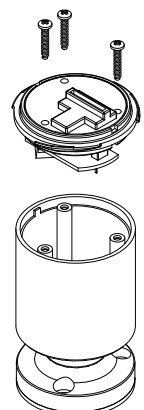


Terminal Block:

- Wire size: 14 to 20 AWG
- Terminal screw torque: 4.4 lb-in

Note: You can mount up to 5 light modules or 4 light modules and sound module per base.

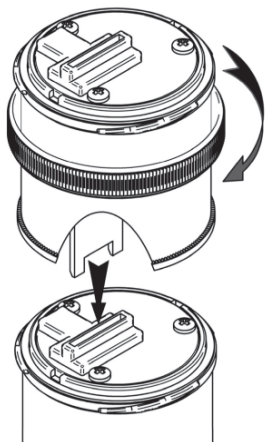
Access to the wiring terminal block is obtained by unscrewing the screws and removing the protection cover. **On the power supply line the rating of the supply fuse must be according to the voltage.**



ASSEMBLY



ATTENTION: Voltage applied to the base must match voltage specifications of connected signal module(s).



- Position the module's printed circuit board in the slot provided and push downwards.
- Turn the lock-ring clockwise until completely secure (44 lb-in).

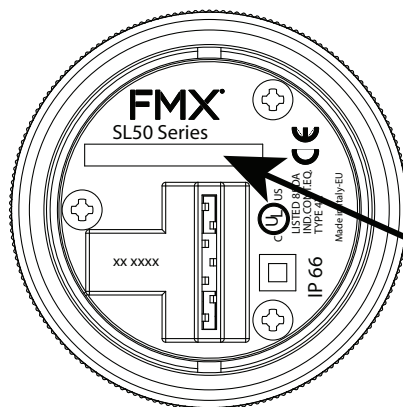
On each WIRING BASE it is possible to stack up to 5 modules:
5 light modules or 4 light modules + sound module.

IMPORTANT – the sound module must always be fitted at the top of the tower.

Voltage Stickers

- At the time of installation, apply the supplied voltage sticker to the top of the wiring base to match the voltage applied to the base and the voltage of the connected signal module(s).

ATTENTION: Applied voltage must match voltage specifications of connected signal module(s).



Voltage Stickers

24V ~
24V ~ 50/60Hz
120V ~ 50/60Hz
240V ~ 50/60Hz



INSTALLATION MUST BE MADE BY TRAINED PERSONNEL
USE APPROPRIATE TIME-LAG FUSES ACCORDING TO THE VOLTAGE ON THE POWER SUPPLY LINE

SPECIFICATIONS

MODEL	INPUT VOLTAGE	MAXIMUM AMBIENT TEMPERATURE ALLOWED
Wiring Base	24VAC/DC 120VAC 240VAC	122 °F (50 °C)
Integrated LED Light Module	24VAC/DC 120VAC 240VAC	122 °F (50 °C)
Bitonal Sound Module	24VAC/DC 120VAC 240VAC	122 °F (50 °C)

Wiring Base

VDC	24	—	—
VAC	—	120	240
mA	240	325	275

Sound Module

VDC	24	—	—
VAC	—	120	240
mA	90	10	15
dB(A) 1m	77	77	77
Hz	800 / 1000		

Integrated LED Light Module

VDC	24	—	—	—
VAC	—	24	120	240
mA	30	30	65	55
Lamp Life	50k hours			
Flashes / minute	150 ±20			

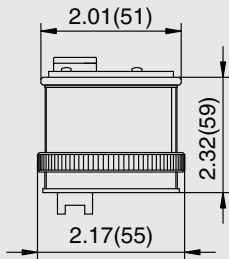
STEADY / FLASHING FUNCTION SETTING



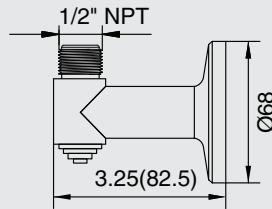
- **Keep** the jumper for **Steady** function.
- **Remove** the jumper for **Flashing** function.

PRODUCT DIMENSIONS

Light Module

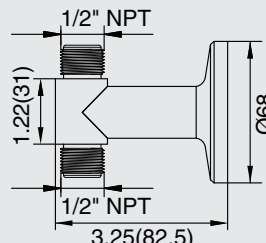


Vertical Mount Base Support
Single



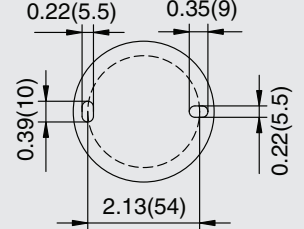
SLA-SVMS

Double

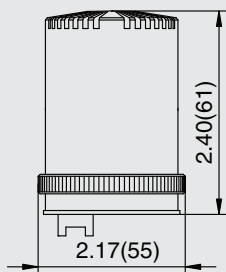


SLA-DVMS

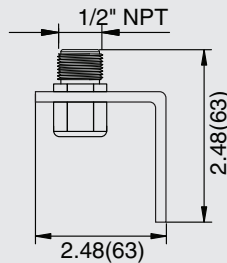
Mounting



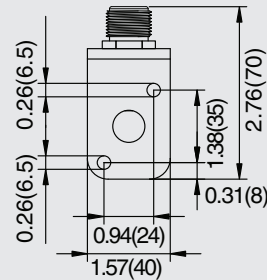
Sound Module



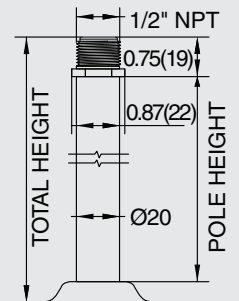
Stainless Steel Vertical Surface Mount Bracket



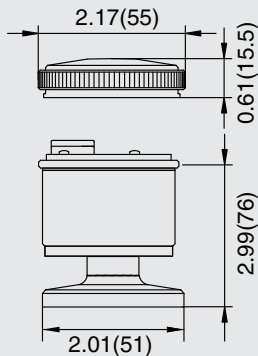
SLA-VSMB-SS



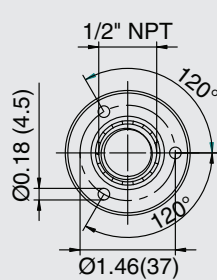
Stainless Steel Pole(s)



Base w/foot

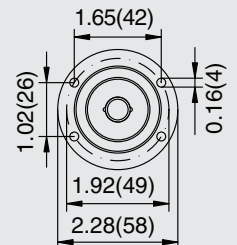
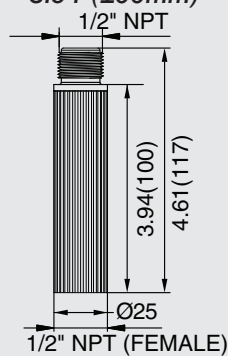


Mounting



SLA-POLE-100

Polycarbonate Pole
3.94"(100mm)



Part Number	Total Height	Pole Height
SLA-POLE-100SS	5.08 (129)	3.94(100)
SLA-POLE-200SS	9.02(229)	7.87(200)
SLA-POLE-400SS	16.89(429)	15.75(400)