MW86M Series D86mm Wall Mount LED 3 Colors in 1 Signal Light (Multi Sound)

LED | IP43 General type | IP54 Horn type | 90 dB | UL | RoHS

MW86M Series combines LED Signal Light and Sound. It can be easily fixed on the wall without extra equipments.

Product Feature

- 3 Colors in 1 Signal Light
- Steady, Flashing functions from high-bright LED
- 2 Types of Flashing functions
  - Regular flashing / Urgency signal flashing
- Built-in Speaker for 3~4 sounds
- Removable Horn is offered

Current consumption

LED Colors	Power supply				
	12VDC	24VDC	90VAC	110VAC	220VAC
Red	0.35A	0.18A	0.10A	0.09A	0.06A
Yellow	0.35A	0.18A	0.10A	0.09A	0.06A
Green	0.39A	0.20A	0.12A	0.09A	0.07A

⚠ Combined current consumption of both LED Steady light and sound

Ordering information

MW86M - F 00 - RYG - M3 (B)

① ② ③ ④ ⑤

① Light Style

F	Steady + Flashing

② Power Supply

00	12~24VDC
FF	90~240VAC

③ LED Color

RYG	Red + Yellow + Green
RGB	Red + Green + Blue

④ Sound Type

M3	3 Melody channels
M4	4 Melody channels
S3	3 Siren channels

▶ Melody: For Elise, Home, Sweet Home, Cuckoo Walts (M3 type); Love me tender (M4 type)

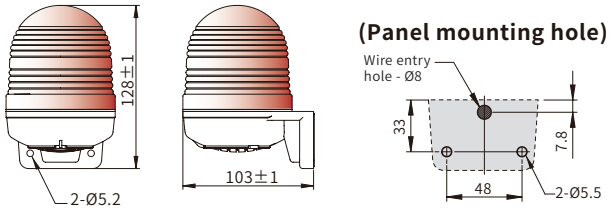
▶ 3 Siren: Fire siren, Police siren, Ambulance siren

⑤ Body Color

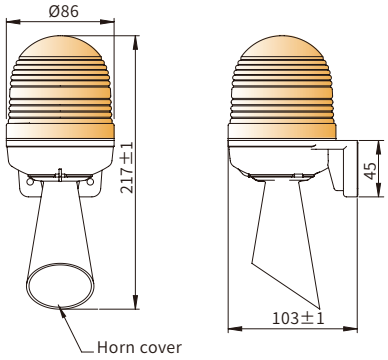
No mark	Ivory
(B)	Black

Dimensions (unit: mm)

▼ General type



▼ Horn type



Specifications

Function	Steady, Flashing
Power supply	12~24VDC, 90~240VAC(AC 50/60Hz)
Light source	LED
Connection method	Lead wire
Flashing rate (Internal PCB board dip switch)	F1: 80±5 flashing per minute F3: 240±10 flashing per minute (Emergency signal)
Mounting method	Wall mounting (upright only)
Material	Body - ABS resin Lens - PC (Lens Color : Clear)
Ambient temperature	-20~40°C
Storage ambient temperature	-20~70°C
Ambient humidity	45~85% RH
Vibration	10 to 55Hz (cycle 1 minute) Amplitude 0.75mm X, Y, Z 1 hour in each direction
Approval	UL, RoHS
Connection	1007UL/22AWG, Sound wire - 2464UL/22AWG

	General Type	Horn Type
Sound volume (1m)	55 ~ 85±5dB	55 ~ 90±5dB
Protection structure	IP43	IP54
Weight (AC type standard)	App. 286g	App. 313g

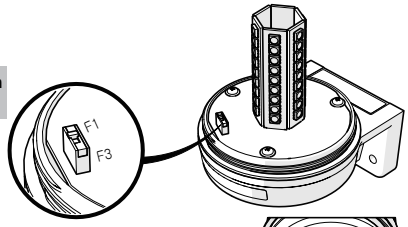
Note : Life of the LED varies according to operating conditions and environment.

Feature setting

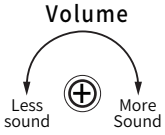
■ Flashing function selection switch

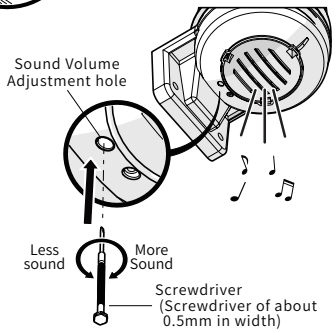
F1: 80±5 flashing per minute

F3: 240±10 flashing per minute



■ Adjustment of sound volume





Connection Diagram Sound Setting table

See Page 42 >>