MS86M Series LED Multi Color D86mm LED 3 Colors in 1 Signal Strobe Light

TOP LED Brightness | IP65 | 100dB | UL | RoHS

With high-brightness LED as its light source, the flashing light has a high effect of radiating signal light to ensure an accurate signal transmission even under worse conditions such as permanent frog and dust.

Min10 ~Max 100dB at 1m (Adjustable volume)

R Y G

R G B

Extremely high light output using unique LED technology

- 3 colors in 1 LED modular components
- High Brightness LED light distribution through prism-cut lenses
- multi-voltage version (12 ~ 24VAC/DC)
- Shockproof and vibration resistant
- The streamlined warning light is suitable for patrol cycles, emergency, vehicles and ambulance cars.
- Extremely high light intensity

Ordering Information

MS86M - F 0 0 - R Y G

① ② ③

1. Light Style

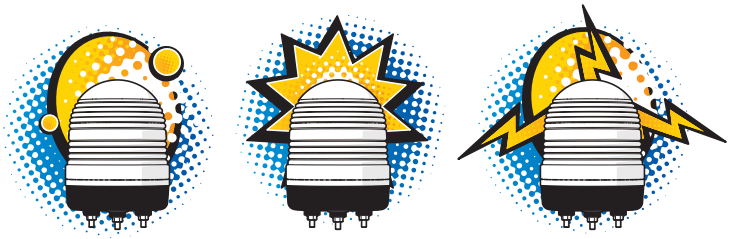
F	Steady + Flashing
B	Steady + Flashing + Buzzer

2. Power Supply

00	12 ~ 24VAC/DC
FF	90 ~ 240VAC

3. LED Colors

RYG	Red, Yellow, Green
RGB	Red, Green, Blue



■ Steady light ■ Flashing light-1 ■ Flashing light-2

General Specifications

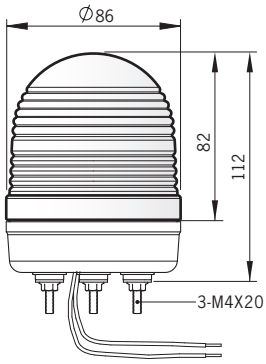
Operation/Function	Steady , Flashing , Buzzer
Power Supply	12 ~ 24VAC/DC , 90 ~ 240VAC
Buzzer Sound Level	10 ~ 100±5dB (at 1M) , volume adjustable
Lens Diameter	86 mm Lens Color: Clear
Materials	Body : ABS , Cap : PC
Flashing Rate (Internal PCB board is dip switch controls)	F1: 80 times/minute ±10% F3: 240 times/minute ±10% (Emergency Signal lights)
Feature set	Lead wire Connection
Insulation Resistance	100 MΩ minimum (500V DC megger)
Vibration	0.75mm at 10~55Hz
Ambient Temperature	-20 to 40°C
Storage Temperature	-20 to 70°C
Ambient Humidity	45 ~ 85% RH
Degree of Protection	IP65
Approvals	UL, RoHS
Recommended Wire Size	1007 UL / 22AWG
Weight	Approx. 150g

Current Draw (Steady standards and current value)

Volt. \ LED	Red/Yellow/Green	Red/Green/Blue	Buzzer
12 ~ 24V	400 ~ 600mA		150mA
90 ~ 240V	30 ~ 80mA		

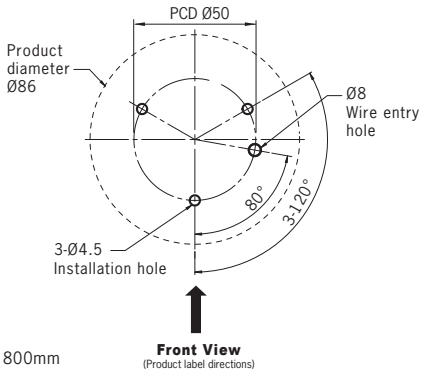
See Page 56 ~ 58 for Mounting Options and Accessories.

Dimensions (unit: mm)



Power supply wire From wire exit 800mm

Stud Mount hole layout



Wiring diagram

Note: See page 46 for MS115M wiring diagram

Optional Parts

1. Mounting Pole

SAM-T31 SAM-D31 SAM-M31

2. Wall Mount Bracket

MAP-DS30
Plastic

MAM-DS26
Steel

MENICS