

MS86T Series

Multi-functional D86mm LED Steady/Flashing/Rotating Signal Light

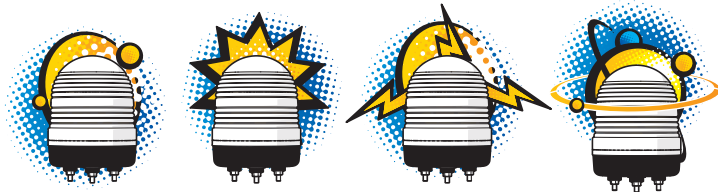


LED Strobe Light of High Brightness, Excellent Visibility from a Distance. Improving Visibility by Employing Special Scattering Lens.



- Extremely high light output using unique LED technology
- Wide light distribution with prism-cut dome-shaped lens
- Outstanding visibility at distance
- Flashing Cycles: 2 patterns (Selectable by a switch)
- Adjustable flashing or rotating cycles
- Built-in buzzer (adjustable volume)
- Red, Yellow, Green, Blue and Clear lens available

Min10 -Max 100dB at 1m (Volume Adjustable)



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



Ordering Information

MS86T - F 0 0 - R

① ② ③

1. Light Style

F	Steady + Flashing
R	Steady + Flashing + Rotating
B	Steady + Flashing + Rotating + Buzzer

2. Power Supply

00	12 ~ 24VAC/DC	FF	90 ~ 240VAC
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3. Lens Colors

R	Red	G	Green	C	Clear
Y	Yellow	B	Blue		

Specifications

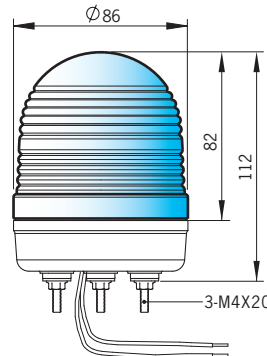
Operation/Function	Steady, Flashing, Rotating, Buzzer		
Power Supply	12 ~ 24VAC/DC, 90 ~ 240VAC (50/60Hz)		
Lens Diameter	86mm		
Material	Lens: PC resin, Body: ABS resin		
Buzzer Sound Level	10 ~ 100 ±5dB (at 1m) volume adjustable		
Flashing Rate (Internal PCB board is dip switch controls)	F1: 80 times per minute ±10% F3: 240 times per minute ±10% (Emergency Signal lights)		
Rotating Rate	Min.60 ~ Max.300rpm (±10%) (Clockwise rotation)		
Feature set	Lead wire Connection		
Insulation Resistance	100MΩ minimum (500VDC megger)		
Ambient Temperature	-20 to 40°C (no freezing)		
Storage Temperature	-20 to 70°C (no freezing)		
Ambient Humidity	45 ~ 85% RH (no condensation)		
Degree of Protection	IP65	Vibration	
Approvals	UL, RoHS	0.75mm at 10~55Hz	
Recommended Wire Size	1007UL / 22AWG		
Weight	Approx. 360g		

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

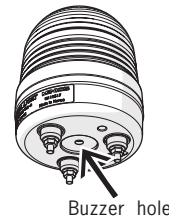
Current Draw (Steady standards and current value)

Power Supply		Red	Yellow	Green	Blue	Clear	Buzzer
Curr (mA)	12 ~ 24V	200~400	185~335	170~300	220~370	160~275	150mA
	90 ~ 240V	32~55	30~50	30~50	23~40	27~45	

Dimensions (unit: mm)

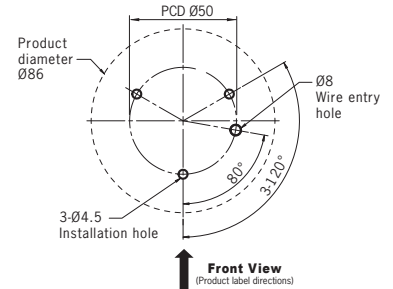


Power supply wire From wire exit 800mm

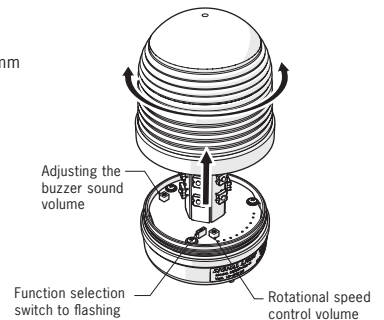


Buzzer hole

Stud Mount hole layout



Front View (Product label directions)



Wiring diagram

Note: See page 45 for MS115T wiring diagram

Optional Parts

1. Mounting Pole



SAM-T31

SAM-D31

SAM-M31

2. Wall Mount Bracket



MAP-DS30 Plastic

MAM-DS26 Steel

Note: See page 56~58 for dimension

