MS86W Series

Ø86mm LED Low-head
Multi-Function indicator light

- 2 flashing patterns(Selectable by DIP switch)
- Energy efficient: Low power consumption
- Main body: heat resistant ABS resin
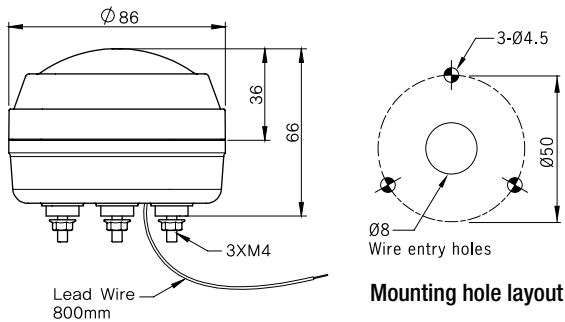- Good for both indoor or outdoor

LED RoHS IP65 80dB UL

Ordering Information

MS86W – R 00 – R
①　②　　③

① Style	R	Steady + Flashing + Rotating
	B	Steady + Flashing + Rotating + Alarm (24V AC/DC only)

② Power	00	12-24V AC/DC (R-type only)
	02	24V AC/DC (B-type only)
	FF	100-220V AC (R-type only)

③ Lens Colors	R	Red
	Y	Yellow
	G	Green
	B	Blue
	C	Clear

Dimensions

unit: mm

Ø 86
36
66
3XM4
Lead Wire 800mm

3-Ø4.5
Ø50
Ø8
Wire entry holes

Mounting hole layout

Wiring Diagram

Steady Lights / Red wire
Flashing Lights / Sky Blue wire
Rotating Lights / Brown wire
Alarm / Gray wire

External contact
SIG 1
SIG 2
SIG 3
SIG 4

Black wire (-COM)
White wire

(-) (+) Power Supply
Fuse 1A
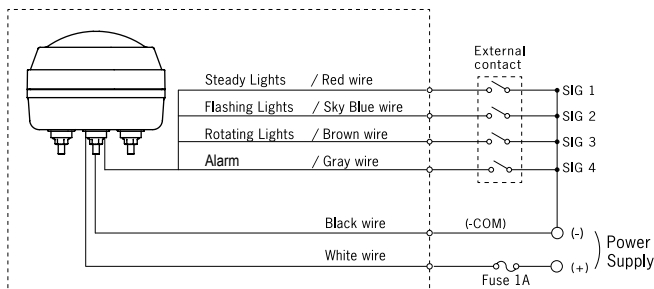
Specifications

Functions	Steady, Flashing, Rotating w/Audible Alarm	
Input Voltate Options	12~24V AC/DC	
Current Consumption (RMS value ±10%)		LED	w/Alarm
	R	0.50A	0.53A
	Y	0.50A	0.53A
	G	0.30A	0.34A
	B	0.35A	0.38A
	C	0.38A	0.40A
Flashing Rate	F1: 80 ±10 flashes/minute	
	F3: 240 ±10 flashes/minute(Emergency Signal)	
Rotating Rate	Approx. 130 ±20 rpm (clockwise rotation)	
Alarm Sound Level	80 ±5dB at 1m	
Vibration	Operating extremes:10~55 Hz, amplitude 0.75mm	
Insulation Resistance	100 MΩ minimum (500VDC mega)	
Ambient Temperature	-15~40°C	
Storage Temperature	-20~70°C	
Ambient Humidity	45~85% RH	
Degree of Protection	IP65	
Recommended Wire Size	UL1007/22AWG	
Weight	170g	
Certificate/Compliance	RoHS, UL	

Wall mounting options (for all MS86 Series)

Model: MAM-DS30
Material: ABS resin

4-5.2 Hole
26
40
80
62
100.5
3-4.4 Hole
4-Ø5.4 Hole
Ø40
Ø50
Ø56
50
77
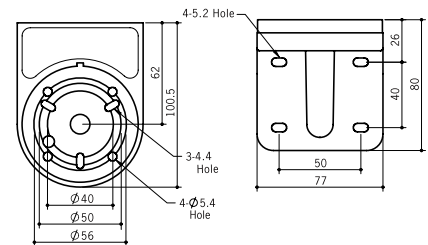
Model: MAM-DS26
Material: Steel

Ø50
Ø40
3-Ø 5.5
3-Ø 4.5
60
100
43
10
17
40
4-4.5 Hole
60
80
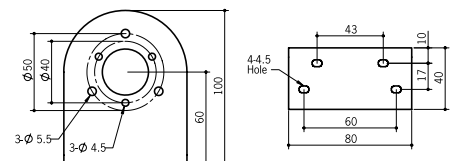
See page B1 - B2
for mounting options and accessories