MS86M Series

Ø86mm Multi Colors & 1 High Intensity LED Signal Lights

- Multi colors ledlight
- High brightness led light
- Adjustable sound level 10 ~ 100db
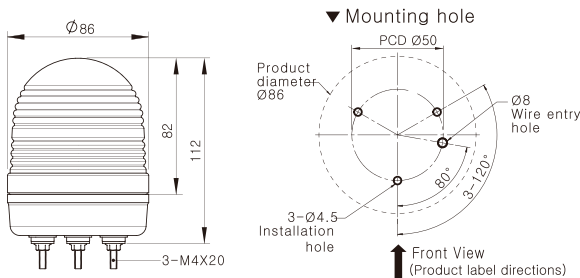- Flashing cycles : 2 patterns (selectable by a switch)
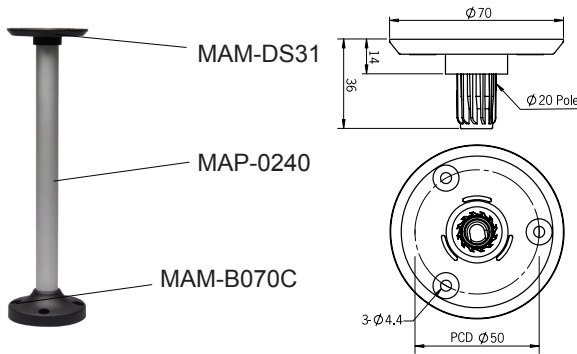
LED RoHS IP65 100dB UL R Y G R B G

Ordering Information

MS86M	F	00	–	RYG
	①	②		③

① Light Style	F	Steady & Flashing
	B	Steady & Falshing w/Audible Alarm

② Power Supply	00	12-24V AC/DC
	FF	90 ~240V AC

③ Colors	RYG	Red, Yellow and Green
	RBG	Red, Green and Blue

Dimensions

unit: mm

▼ Mounting hole

PCD Ø50
Product diameter Ø86
Ø8 Wire entry hole
3–Ø4.5 Installation hole
80°
3–120°
Front View (Product label directions)

Ø86
82
112
3–M4X20

MS86 Pole Mounting Option

MAM-DS31
MAP-0240
MAM-B070C

MAM-DS31 Dimensions

Ø70
14
36
Ø20 Pole
3-Ø4.4
PCD Ø50

Specifications

Lighting type	Steady+Flashing w/Audible Alarm	
Power Supply	12~24VAC/DC	90~240VAC
Current Consumption — LED	0.6A	0.08A
Current Consumption — w/Alarm	0.76A	0.23A
Flash Rate	F1: 80 ±10 flashes/minute F3: 240 ±10 flashes/minute	
Alarm Sound Level	10-100 ±5dB at 1m: Volume adjustable	
Vibration	0.75mm at 10~55Hz	
Insulation Resistance	100 MΩ minimum (500VDC mega)	
Ambient Temperature	-20~40°C	
Storage Temperature	-40~70°C	
Ambient Humidity	45~85% RH	
Degree of Protection	IP65	
Recommended Wire Size	UL1007/22AWG	
Weight	270g	

Wiring Diagram

12~24V DC

3 Colors in 1
RYG / RBG

Red LED / Red wire
Yellow LED / Yellow wire
Green LED / Violet wire
Blue LED / Blue wire
Alarm / Gray wire
Flashing COM / Sky Blue wire
Black wire
White wire

External Contact
SIG 1
SIG 2
SIG 3
(SIG 2)
Alarm

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

Please See Our "Mounting and Accessories" Section for Mounting Options
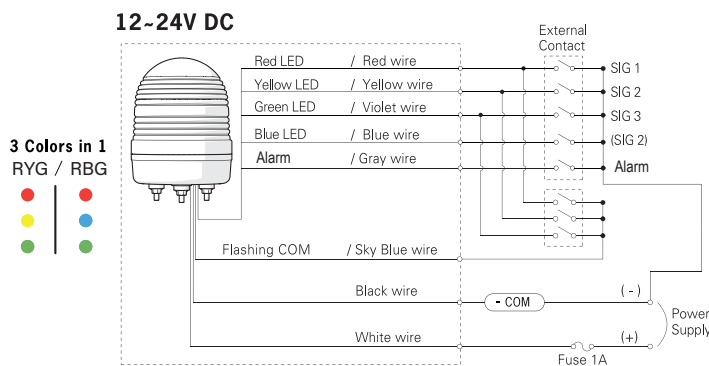
Feature settings

- Alarm volume control

Reduction   Increase

-Flash settings

F3
F1
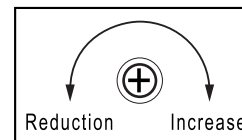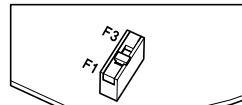
F1: 80 ±10 flashing per minute
F3: 240 ±10 flashing per minute

* When installing a light with built in buzzer, please allow minimum of 5mm space from the surface to the base of unit.

Alarm hole

AmeriMation