



MSR-230/R
MSR-230/B



MSR-235/B



MSR-150/B
MSR-150/R

MODEL	MSR - 230/R	MSR - 230/B	MSR - 235/B	MSR - 150/B or R
Power Source	DC 12V±20% (Built-in NiMH Rechargeable Battery)			DC 12V±15%
Current Drain	Stand by <20mA ± 2mA			
	Max. 0.3 Amp.			
Siren Output Rate	110dB			
Operation Temp.	-20°C ~ 70°C			
IP Rating	IP54			
Dimension	194W x 300H x 59D mm			140W x 200H x 50D mm
Back-up Battery	6V / 250mAh NiMH			



MSR-110/B

- 105dB Siren Bell Box
- Built-In Strobe (Blue Color)
- Input : DC 12V, 450 mA
- Size : 130W x 130H x 58D mm



MSR-110/R

- 105dB Siren Bell Box
- Built-In Strobe (Red Color)
- Input : DC 12V, 450 mA
- Size : 130W x 130H x 58D mm



MSR-300

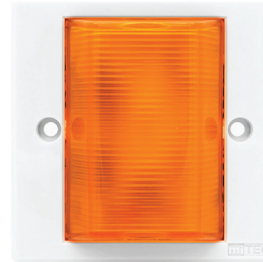
- 95dB Siren Speaker
- Flush-Mount, B.S. Type
- Input : DC 12~24V, 200 mA
- Size : 86W x 86H mm



Red



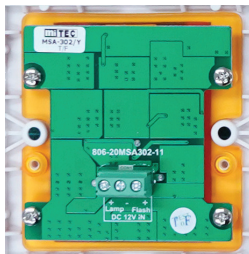
Green



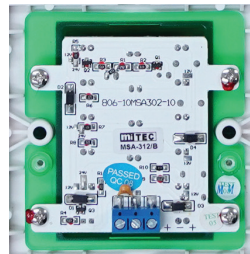
Yellow



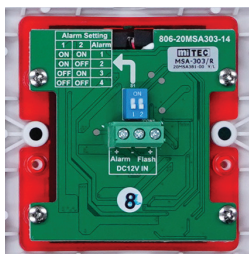
Blue



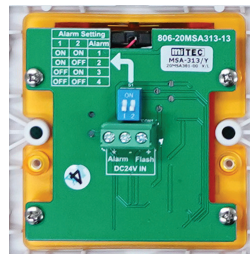
**MSA-302/Y
(Yellow)**



**MSA-312/G
(Green)**



**MSA-303/R
(Red)**



**MSA-313/Y
(Yellow)**



**MSA-305/B
(Blue)**

MSA-302/MSA-312

LED Flash Lamp Panel

- LED Constant Lamp/ Flash Lamp
- Red / Green / Yellow / Blue Color
- MSA - 302 Series : DC 12V
- MSA - 312 Series : DC 24V
- Dimensions : 86 (W) x 86 (H) x 45 (D) mm

MSA-303/MSA-313

LED Flash Lamp Panel With Siren

- LED Flash Lamp (Built-in Buzzer)
- Red / Green / Yellow / Blue Color
- MSA - 303 Series : DC 12V
- MSA - 313 Series : DC 24V
- Dimensions : 86 (W) x 86 (H) x 45 (D) mm

Clear Label :

FIRE	ALARM
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MSA-305

Waterproof LED Flash Lamp Panel

- LED Flash Lamp
- IP 65
- Red / Green / Yellow / Blue Color
- DC 12V - 24V
- Dimensions : 86 (W) x 86 (H) x 45 (D) mm

Clear Label :

FIRE	ALARM
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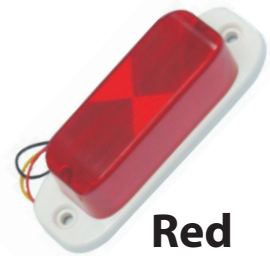
Yellow



Blue



Green



Red



MSA-330 Series

Ultra-Bright LED Strobe / Flash Lamp

- Ultra-Bright LED Strobe / Flash Lamp
- Weather Proof for Outdoor Use
- IP65
- Red / Green / Yellow / Blue Color
- Power : DC 12~24V
- Dimensions : 110 (W) x 35 (H) x 38 (D) mm



Red



Green



Yellow



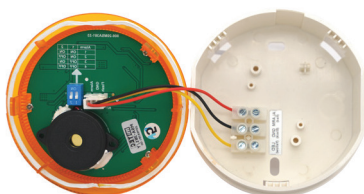
Blue



MSA-380

Flash Light Bulb

- E14 Light Bulb
- Waterproof (IP44)
- Red / Green / Yellow / Blue Color
- Power : DC 12~24V
- Dimensions : ø 90 x 86 H mm



MSA-381

LED Flash Lamp With Siren Function

- LED Flash Lamp with Siren
- IP44
- Red / Green / Yellow / Blue Color
- Power : DC 12~24V
- Dimensions : ø90 x 86H mm