

# 86mm 전구형 경고등

## ASG/APG 시리즈

### 취급 설명서

저희 MENICS 제품을 구입해 주셔서 감사합니다.  
희망하는 제품인가를 확인하시고, 사용전에 아래의 설명서를 잘 읽고 사용하여 주십시오.

#### ◆ 모델구성

ASG □ - 20 - R

색상	R-적색, Y-황색 G-녹색, B-청색
정격전압	01 : 12VAC/DC 02 : 24VAC/DC 10 : 110VAC 20 : 220VAC FF : 110/220VAC
기능	표시없음 : 반사경 회전형(일반렌즈) F : 점멸(프리즘 렌즈) B : 반사경 회전+부저(일반렌즈) S : 크세논 램프형(프리즘렌즈) - 110V, 220V만 가능
모델	ASG : 86mm 전구형 경고등(둥근 렌즈형) APG : 86mm 전구형 경고등(평면 렌즈형)



#### ◆ 사양

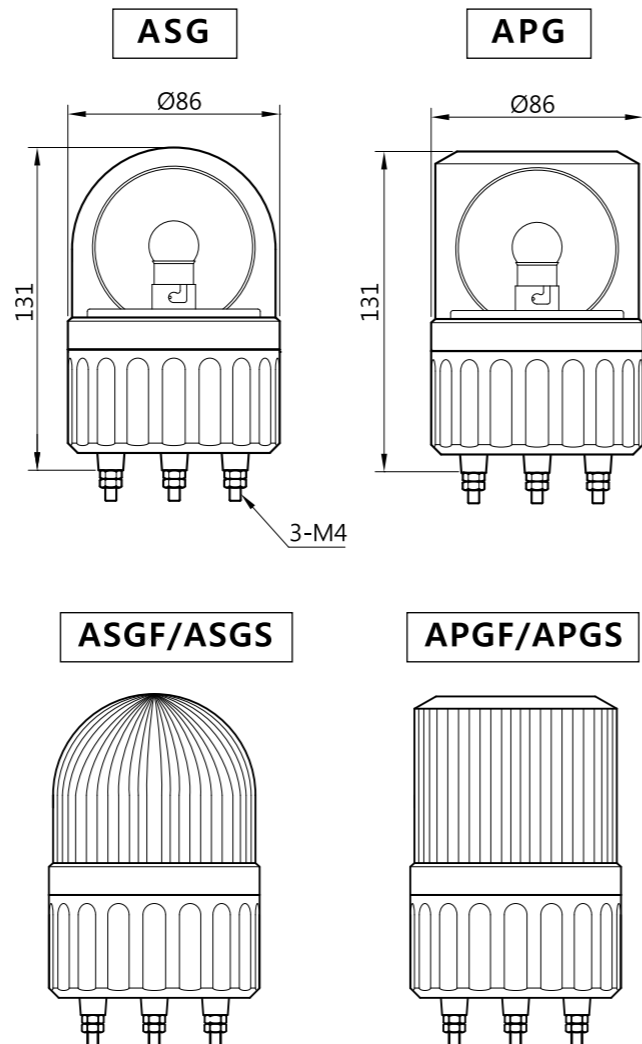
모델	정격전압	소비전류	회전수	적용 전구
ASG	12VAC/DC	0.67 A	분당 130회	12V 8W
APG	24VAC/DC	0.33 A		24V 8W
ASGB	12VAC/DC	0.67 A		12V 8W
APGB	24VAC/DC	0.33 A		24V 8W
ASG	AC110V / 220V	0.4 A	분당 80회	12V 5W
APG	AC110V / 220V	0.4 A		12V 5W
ASGB-FF	AC110V / 220V	0.4 A	점멸	12V 8W
APGB-FF	AC110V / 220V	0.4 A		24V 8W
ASGF	12VDC	0.67 A		130V 8W
APGF	24VDC	0.33 A		240V 8W
ASGS	AC110V	0.22A	점멸	
APGS	AC220V	0.11A		

\* ASGF, APGF, ASGS는 글로브(Globe) 형상 프리즘-컷팅(PRISM-CUTTING) 방식을 사용함.  
\* 글로브(Globe) 색상 변경은 주문 사양임.  
\* -F는 Free Voltage(AC 110V~220V)공용임.

#### ◆ 전구사양

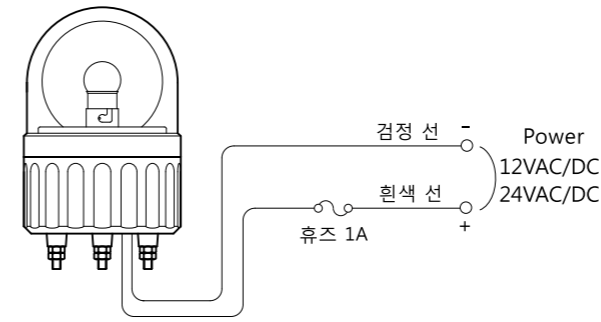
 소비전압: 8W 베이스: 싱글 점점 (BA15S) 색상: 투명 길이: 45mm 전구외형: 16mm	 소비전압: 5W 베이스: 싱글 점점 (BA15S) 색상: 투명 길이: 35mm 전구외형: 19mm	점멸전용 12V 용 MAM-T15-S-012-08 24V 용 MAB-T15-S-024-08 110V 용 MAB-T15-S-130-08 220V 용 MAB-T15-S-240-08 반사경 회전전용 12V 용 MAM-T15-S-012-08 24V 용 MAB-T15-S-024-08 110V 용 MAB-T15-S-012-05 220V 용 MAB-T15-S-012-05 110/220V 2채널 전원 110/220V 용 MAB-T15-S-012-05
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#### ◆ 외형도 <단위 : mm>



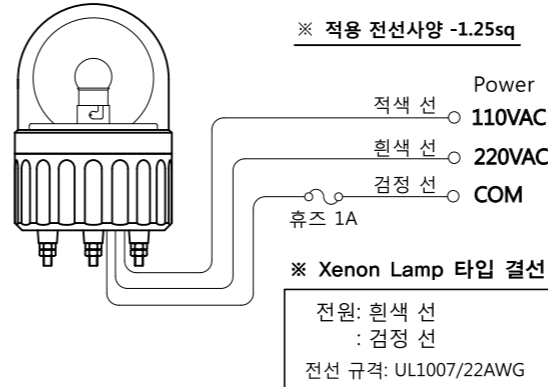
#### ◆ 결선도

##### ▶ 12VAC/DC, 24VAC/DC 회전타입

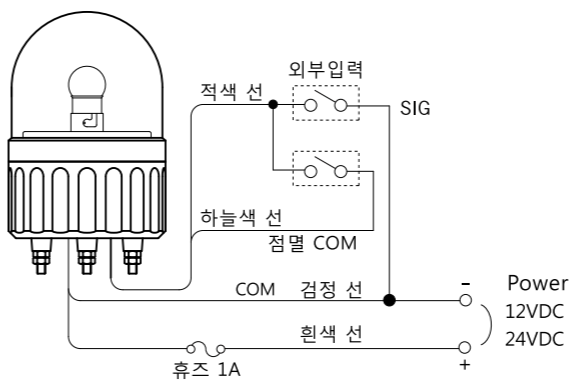


##### ▶ 110V/220V AC50/60Hz 회전타입

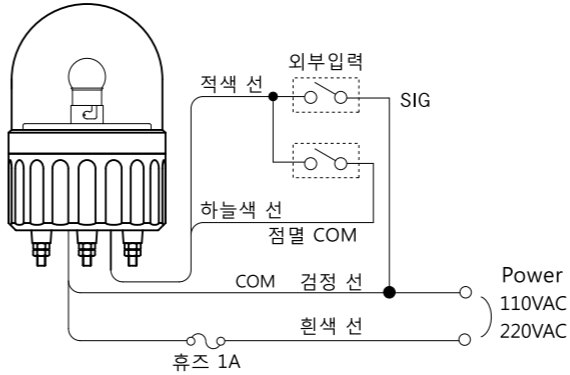
##### ▶ Xenon Lamp 타입 결선도



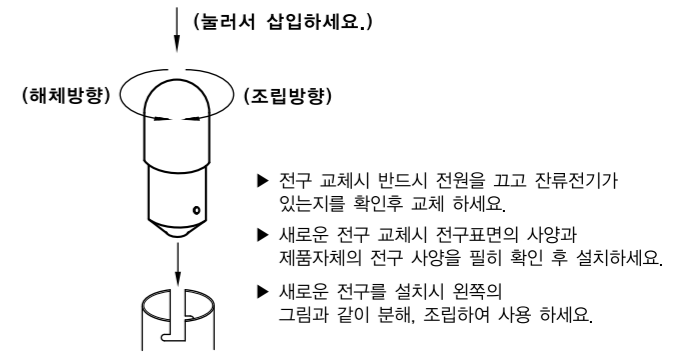
##### ▶ 12VDC, 24VDC 점멸타입



##### ▶ 110VAC, 220VAC (50/60Hz) 점멸타입

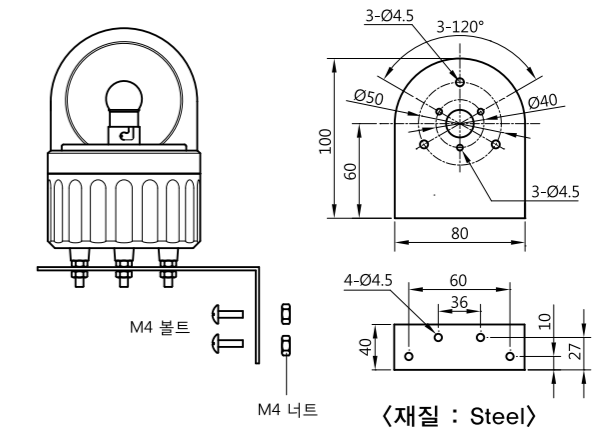


#### ◆ 전구교체

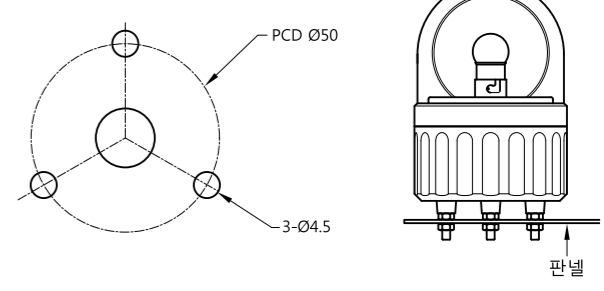


#### ◆ 취부방법

##### \* 벽취부 고정구: MAM-DS26



##### \* 직접 설치시 패널 가공 치수도



#### ◆ 주의사항

- ▶ 결선및 전구 교환은 반드시 전원을 차단하고, 전구를 교환할때 전구가 뜨거우므로 주의 할것.
- ▶ 결선은 설명서대로 할것.결선을 잘못하면 점등하지않거나, 내부 회로가 고장이 나서 동작이 불가능하다.
- ▶ 과전압은 고장이나 수명이 단축되므로,필히정격전압으로 사용하며,반드시 사용전 전압을 확인할것..
- ▶ 신나나 벤젠,기타 화학물질이 묻으면 변형,변색 하므로 주의할것.
- ▶ CAP 렌즈를 분리한채로 사용하지 말것.
- ▶ 임의의 사양 변경이나 다른 제품의 부품과 조립하지 말것. 고장의 원인이 된다.
- ▶ 전원선을 손이나 도구로 강하게 당기지 말것.
- ▶ 단자대에 결선할때는 압착단자를 이용할것.
- ▶ 제품 설치후 외부에 강한 충격을 가하지 말것.
- ▶ 별도의 분해나 조립을 할때 상측의 고정 CAP을 완전히 조여 사용시 풀리지 않도록 할것.

**MENICS**  
SIGNALTECHNOLOGY

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 e-mail: menics@chol.com

\* 본 설명서에 기재된 내용물들은 제품의 기능 향상이나 사양변경으로 사전예고 없이 변경될 수 있음을 알려 드립니다.  
 \* 제공되는 사용자 매뉴얼은 한국에서 판매되는 제품용으로 제작된 매뉴얼로서 해외에서 구입하신 제품과 일부내용이 다를 수 있습니다.

# 86mm Bulb type Warning Signal Light

**MENICS**  
SIGNALTECHNIK

## ASG/APG SERIES



### INSTRUCTION MANUAL

Thank you very much for selecting Menics products. Please read this manual carefully before you use this unit.

#### ◆ Feature

- Bright light by prism cut design of the lens.
- Strong flash by rotation reflector.
- Standard step color: RED , YELLOW , GREEN , BLUE

#### ◆ Ordering Information

### ASGB - 10 - R

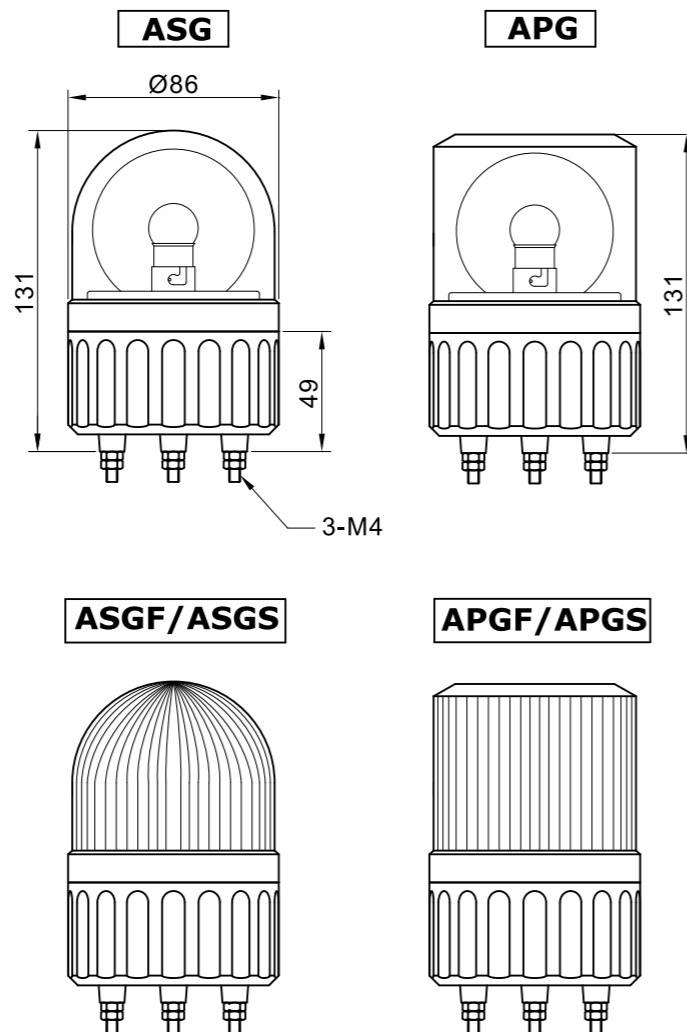
	<b>Lens Color</b>
	R-red, Y-yellow, G-green, B-blue
	<b>Power supply</b>
01	: 12VAC/DC
02	: 24VAC/DC
10	: 110VAC
20	: 220VAC
FF	: 110-220VAC
	<b>Option</b>
No mark	: Rotating (Smooth Lens)
B	: Rotating+Buzzer (Smooth Lens)
F	: Flashing (Prism Lens)
S	: Xenon Strobe Lamp (Prism Lens)
	- 110V, 220V only available
	<b>Series</b>

ASG: 86mm Bulb type Warning Signal Light (Dome lens)  
APG: 886mm Bulb type Warning Signal Light (Flat lens)



#### ◆ External Dimensions

(UNIT : mm)



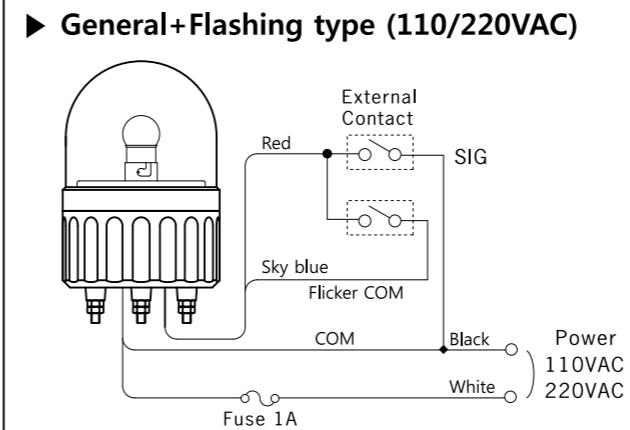
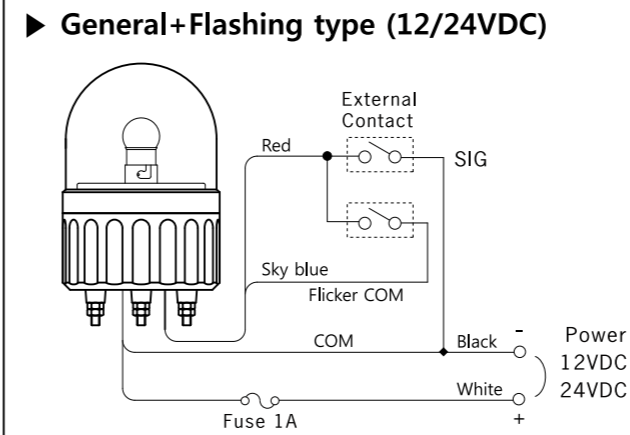
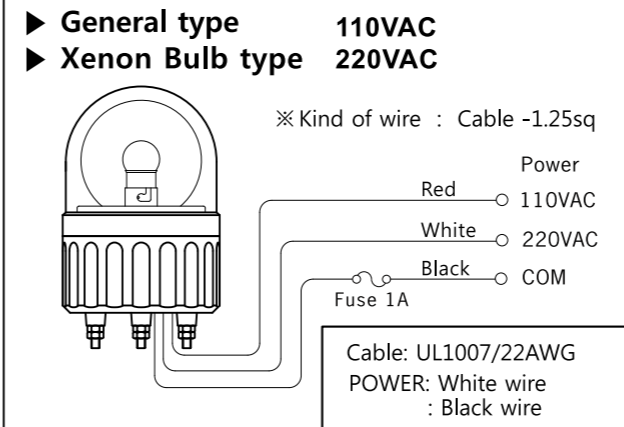
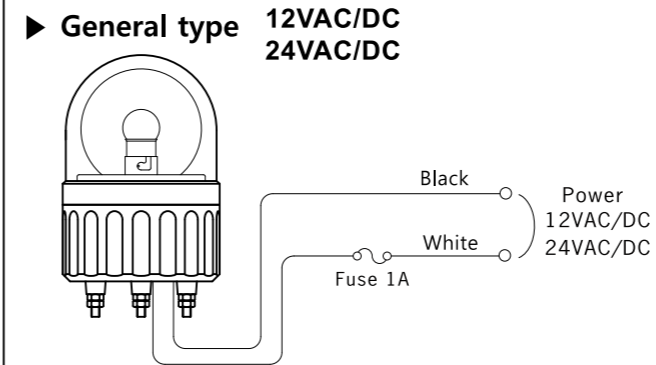
#### ◆ Specification

Model	Voltage	Current	Rotation	Bulb	
ASG	12VAC/DC	0.67 A	130rpm ±10%	12V 8W	
APG	24VAC/DC	0.33 A		24V 8W	
ASGB	12VAC/DC	0.67 A		12V 8W	
APGB	24VAC/DC	0.33 A		24V 8W	
ASG	110/220V AC	0.4 A	Flashing 80/Min	12V 5W	
APG	110/220V AC	0.4 A		12V 5W	
ASGB-FF	110/220V AC	0.4 A	Flashing 80/Min	12V 5W	
APGB-FF	110/220V AC	0.4 A		12V 5W	
ASGF	12VDC	0.67 A		Flashing 80/Min	12V 8W
APGF	24VDC	0.33 A			24V 8W
ASGF	AC110V	0.07 A	Flashing 80/Min	130V 8W	
APGF	AC220V	0.03 A		240V 8W	
ASGS	AC110V	0.22 A	Flashing 80/Min	130V 8W	
APGS	AC220V	0.11 A		240V 8W	

#### ◆ Bulb Replacement Parts

Only Flashing	
12V type	MAM-T15-S-012-08
24V type	MAB-T15-S-024-08
110V type	MAB-T15-S-130-08
220V type	MAB-T15-S-240-08
Only Rotating	
12V type	MAM-T15-S-012-08
24V type	MAB-T15-S-024-08
110V type	MAB-T15-S-012-05
220V type	MAB-T15-S-012-05
110/220V Free Voltage type (Rotating type)	
110/220V type	MAB-T15-S-012-05

#### ◆ Connection

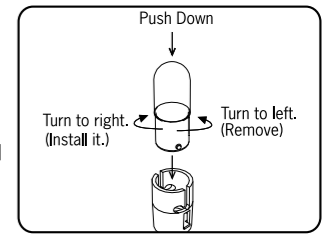


- ※ Do not connect wire between buzzer and flicker common.
- ※ Insulation needed.
- ※ Kind of wire: Signal0.25sq

#### ◆ Change Bulb

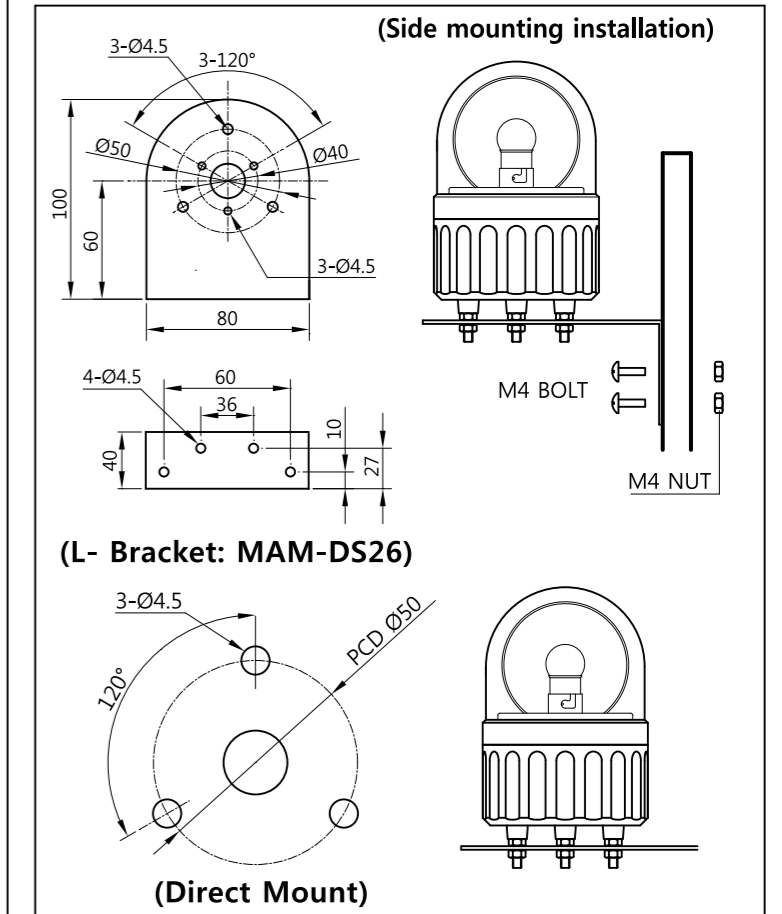
Please follow the procedure mentioned below to change the bulb.

- ① Make sure power is turned off when changing lens.
- ② Remove lens.
- ③ The bulb can be easily removed by pressing it downward to turn to left.
- ④ The new bulb can be easily installed by pressing it downward to turn to right.
- ⑤ Install lens.



#### ◆ Inatallation

(UNIT : mm)



#### ▲ Cautions

- ▶ Make sure power is turned off and the temperature of electric bulb falls down for repair to avoid electric shock and burn.
- ▶ When you repair this product as color reformation, power must be turned off to avoid electrical shock.
- ▶ Follow wiring diagrams carefully. Miswiring could damage the internal circuit, buzzer circuit or cause the unit to be inoperative.
- ▶ Check the power voltage with allowable rate.
- ▶ Do not expose the tower or any of it's component parts to thinners or other strong solvents.
- ▶ Do not modify any components or specifications from our standards.
- ▶ Never pull on the wire.
- ▶ Be sure to use crimp type terminal connectors.
- ▶ Do not impact.

**MENICS**  
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