

86mm Signal Light

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

Signal Globe color
RED , YELLOW , GREEN , BLUE

Rated Voltage

01 : 12V AC/DC
02 : 24V AC/DC
10 : 110V AC
20 : 220V AC
FF : 110-220V AC

Option

: Rotating mirror
B : Rotating mirror + Buzzer
F : Flashing light
S : Strobe light

Series Name

ASG: Ø86 Signal Light(Dome top lens)

APG: Ø86 Signal Light(Flat top lens)

◆ Specification

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

◆ Bulb Replacement Parts

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



Energy Used: 8 watts
Base Type: Single Contact
(BA15S)
Color / Finish: Clear
Length: 45mm
Width: 16mm



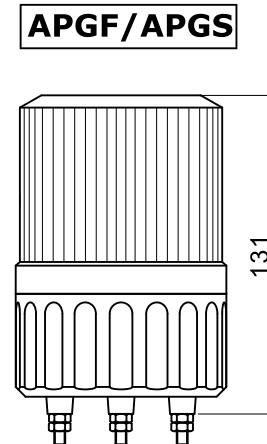
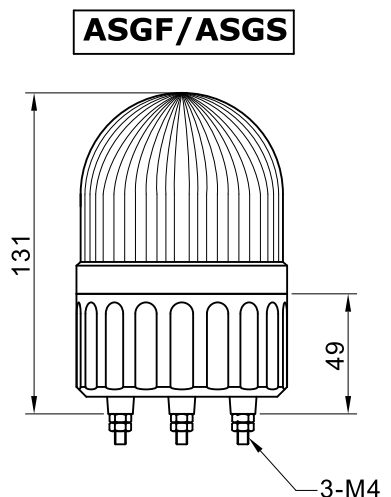
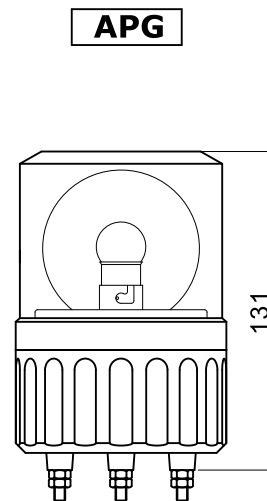
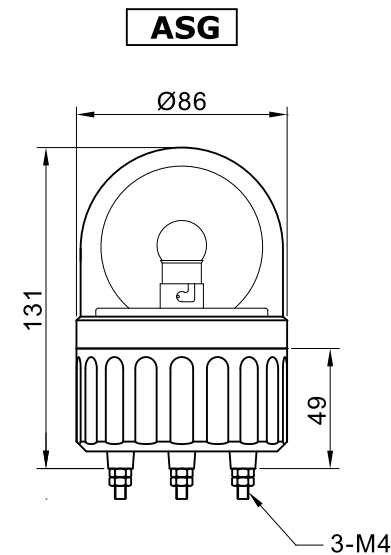
Energy Used: 5 watts
Base Type: Single Contact
(BA15S)
Color / Finish: Clear
Length: 35mm
Width: 19mm



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◆ External Dimensions

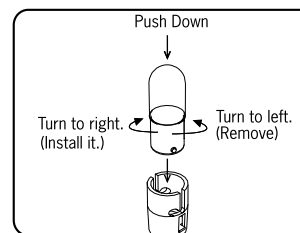
(UNIT : mm)



◆ Change Bulb

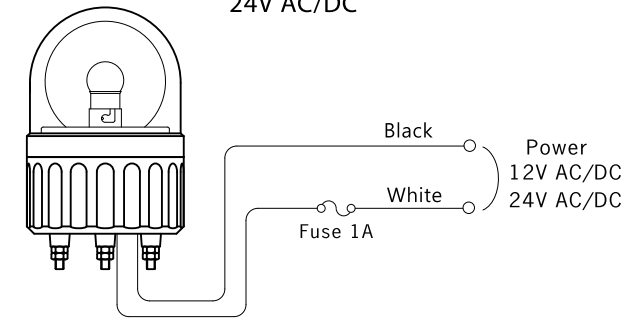
Please follow the procedure mentioned below to change the bulb.

- 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.

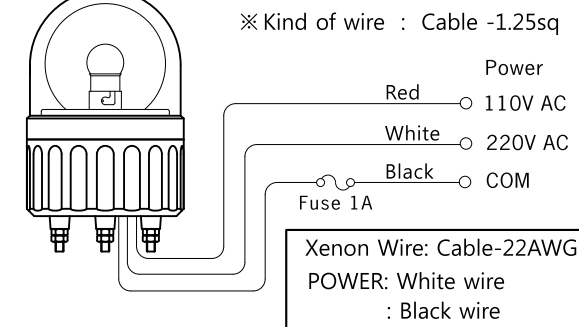


◆ Connection

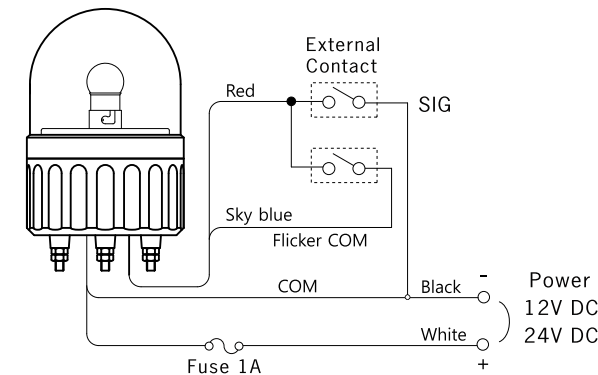
- ▶ General type 12V AC/DC
24V AC/DC



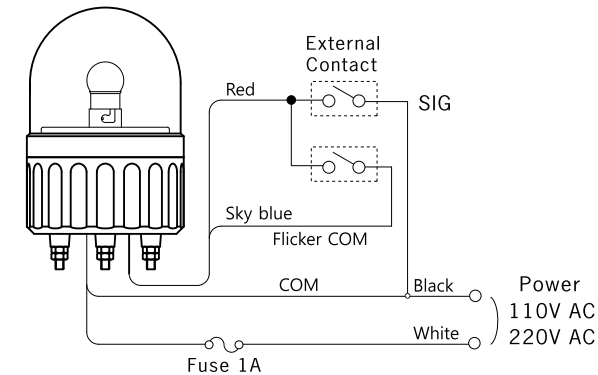
- ▶ General type 110V AC
- ▶ Xenon Bulb type 220V AC



- ▶ General+Flashing type (12/24V DC)



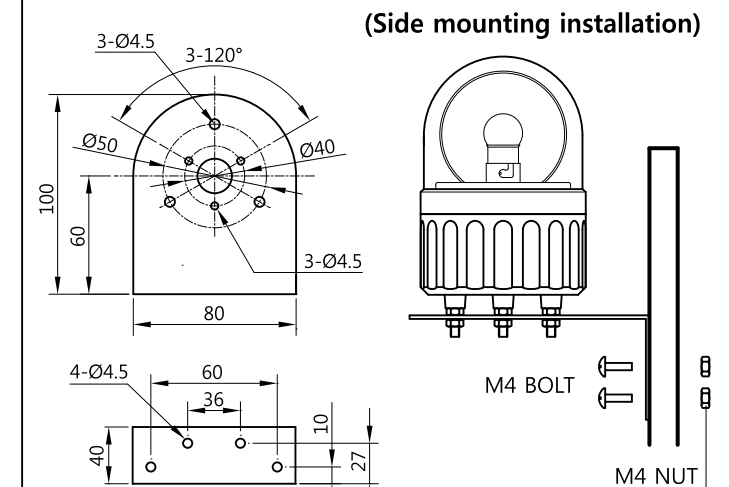
- ▶ General+Flashing type (110/220V AC)



- ※ Do not connect wire between buzzer and flicker common.
- ※ Insulation needed.
- ※ Kind of wire: Signal-0.25sq

◆ Inatallation

(UNIT : mm)



(L- Bracket: MAM-DS26)

▲ 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.



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86mm Signal Light

ASG / APG 시리즈



취급설명서

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 : 12V AC/DC
02 : 24V AC/DC
10 : 110V AC
20 : 220V AC
FF : 110/220V AC

기능

: 반사경 회전형
B : 반사경 회전형 + 부저타입
F : 전구 점멸형
S : 스트로브 Xenon램프형

모델구분

ASG : 86mm 표시등 시리즈 - 둥근 머리형
APG : 86mm 표시등 시리즈 - 머리부 평면형

◆ 사양

모 델	정격전압	소비전류	회전수	적용 전구
ASG	12V AC/DC	0.67 A	분당 130회	12V 8W
APG	24V AC/DC	0.33 A		24V 8W
ASGB	12V AC/DC	0.67 A		12V 8W
APGB	24V AC/DC	0.33 A		24V 8W
ASG	AC 110V /220V	0.4 A	12V 5W	12V 5W
APG	AC 110V /220V	0.4 A		
ASGB-FF	AC 110V /220V	0.4 A	분당 80회	12V 8W
APGB-FF	AC 110V /220V	0.4 A		24V 8W
ASGF	12V DC	0.67 A		130V 8W
APGF	24V DC	0.33 A		240V 8W
ASGF	AC 110V	0.07A	AC 220V	
APGF	AC 220V	0.03A		
ASGS	AC 110V	0.22A		
APGS	AC 220V	0.11A		

※ ASGF, APGF, ASGS는 글로브(Globe) 형상 프리즘-컷팅(PRISM-CUTTING) 방식을 사용함.

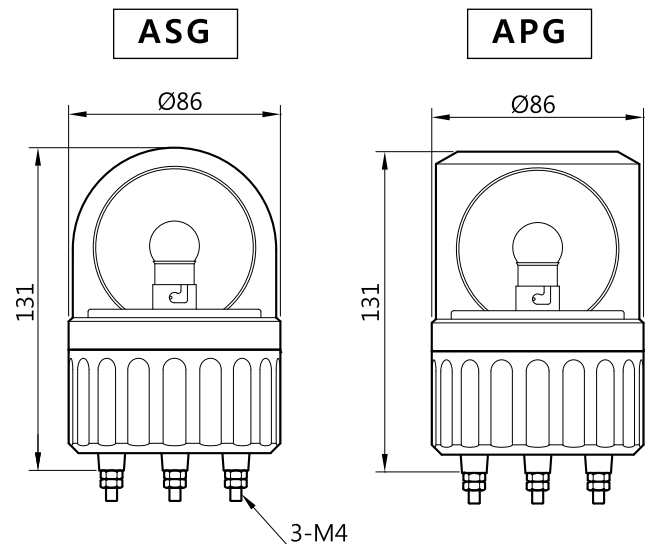
※ 글로브(Globe) 색상 변경은 주문 사양임.
※ -F는 Free Voltage(AC 110V~220V)공용임.

◆ 전구사양

소비전압: 8W	소비전압: 5W	점멸전용
베이스: 싱글 점점 (BA15S)	베이스: 싱글 점점 (BA15S)	12V 용 MAM-T15-S-012-08
색상: 투명	색상: 투명	24V 용 MAB-T15-S-024-08
길이: 45mm	길이: 35mm	110V 용 MAB-T15-S-130-08
전구외형: 16mm	전구외형: 19mm	220V 용 MAB-T15-S-240-08
		반사각 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

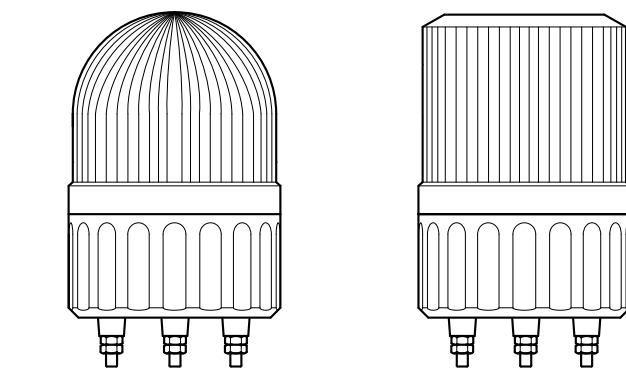
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◆ 외형도 <단위 : mm>

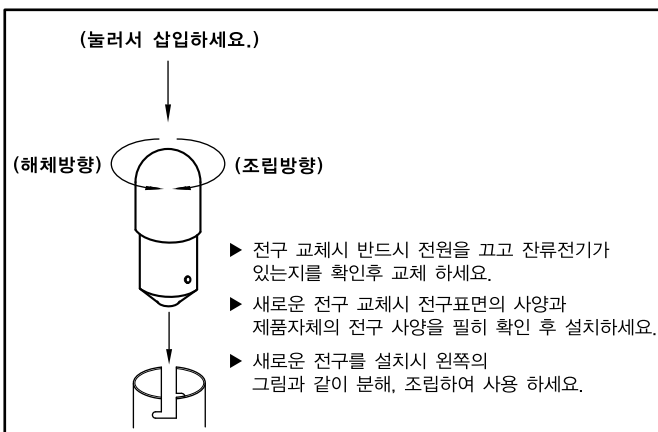


ASGF/ASGS

APGF/APGS

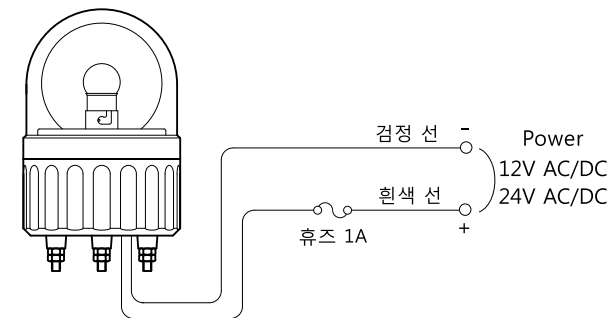


◆ 전구교체



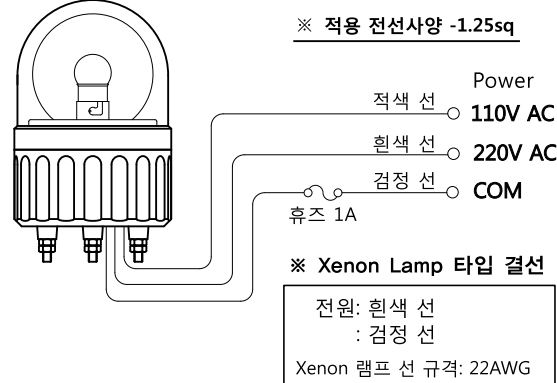
◆ 결선도

▶ 12V AC/DC, 24V AC/DC 회전타입

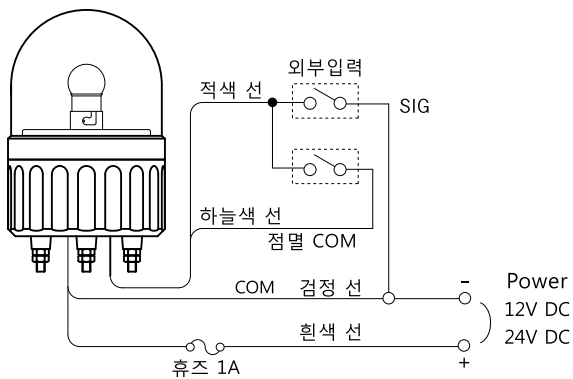


▶ 110V/220V AC 50/60Hz 회전타입

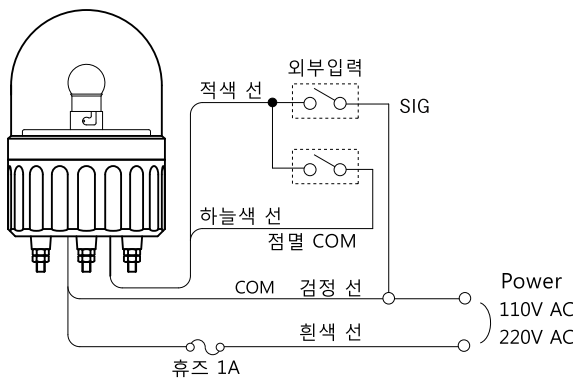
▶ Xenon Lamp 타입 결선도



▶ 12V DC, 24V DC 점멸타입

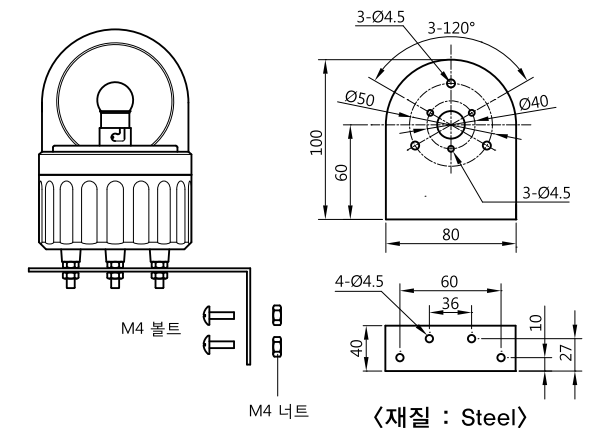


▶ 110V AC, 220V AC (50/60Hz) 점멸타입

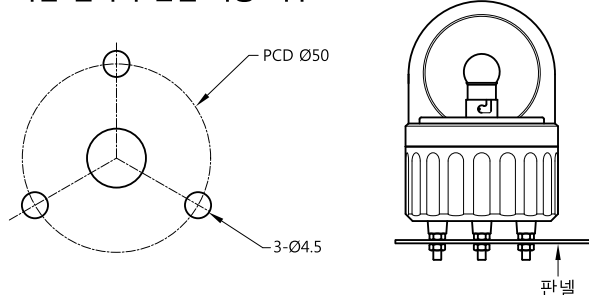


◆ 취부방법

※ 벽취부 고정구: MAM-DS26



※ 직접 설치시 판넬 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.



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