

Part Number Description

AD16★ ■ □ /△/▲/●/※

Symbol	Indication	Descriptions
★	Mounting Hole Diameter	16: Φ16mm / 22: Φ22mm / 22(Applicable to 25mm Mounting Hole)
■	Auxiliary Code	(C,E... are used to indicate different models with same neck size.) M: Continuous Sound / S: Flashing Light / SM: Flashing Light and Intermittent Sound / SS: Dual-color Flashing Light / SSM: Dual-color Flashing Light Intermittent Sound
□	Structure	S: Short Type / No letter means standard type
△	Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	Operating Voltage	According to specific models
●	Voltage Dropping Type	K: Anti-interference Type / F: Capacitor Discharge / No letter means standard type
※	IP Rating	P: IP65 / No letter means IP40

Performance characteristics

Operating Environment	-25℃~55℃, Altitude<2000m	Rated Current	≤20mA
LED Life	≥40000 hours	Brightness	≥100cd/m²
Voltage Fluctuation	±20%(110V or above)	Comparative Tracking Index(CTI)	≥100
Rated Impulse Withstand Voltage	2.5KV (AC valid value), 1min	Insulation Resistance	Ui≤60V, 5MΩ; 60V< Ui≤660V, 50MΩ
Frequency(AC)	50~60Hz	Illuminator Color	Red / Green / Yellow / Blue / White

Models

Shape	Part Number	Color	Operating Voltage	Dimensions	Notes
Φ16C	MR-AD16-16C/△/▲	R G Y B W	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 110V AC/DC 220V AC/DC 380V		⊙ Screw Terminal
Φ16E	MR-AD16-16E/△/▲	R G Y B W	AC 110V AC 220V AC 380V		⊙ Screw Terminal ⊙ Anti-electric Shock Structure
Φ16 Buzzer	MR-AD16-16M/▲ MR-AD16-16S/▲ MR-AD16-16SM/▲	Continuous Sound Flashing Light Flashing Light Intermittent Sound	DC 6V DC 12V DC 24V AC 220V AC 380V Note: There is no DC6V option for flashing light or flashing light buzzer		Buzzer Volume: ≥80dB(10cm) Continuous Sound Intermittent Sound Ie≤35mA

PART NUMBERS ON THIS DRAWING
MR-AD16-16-SND MR-AD16-16C MR-AD16-16E MR-AD16-22BS MR-AD16-22D MR-AD16-22D-RG
MR-AD16-22DS MR-AD16-22ES MR-AD16-22HS

PILOT INDICATOR		Micro-Ray		
MR-AD16 SERIES				
PART NO	MR-AD16			
DWG NO	MR-AD16		SHEET 1 OF 2	REV A
UNITS: mm		SCALE: NTS - DO NOT SCALE	SIZE A4	DATE 2026-09-22

Models(Φ22)(Applicable to 25mm Mounting Hole)

Shape	Part Number	Color	Operating Voltage	Dimensions	Notes
Φ22BS(Short Type)	MR-AD16-22BS/△/▲	R G Y B W			Screw Terminal Anti -electric Shock Structure
Φ22DS(Short Type)	MR-AD16-22DS/△/▲/◎	R G Y B W			Screw Terminal Anti -electric Shock Structure IP40 / IP65(Optional)
Φ22ES(Short Type)	MR-AD16-22ES/△/▲	R G Y B W	AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 110V AC/DC 220V AC/DC 380V		Screw Terminal Anti -electric Shock Structure
Φ22HS(Short Type)	MR-AD16-22HS/△/▲	R G Y B W	AC 110V AC 220V AC 380V		380/220 capacitor discharge Screw Terminal Anti -electric Shock Structure
Φ22D	MR-AD16-22D/△/▲/●/※	R G Y B W			Screw Terminal Anti -electric Shock Structure Anti-interference Type can be customized IP40 / IP65(Optional)
Φ22 Dual-color	MR-AD16-22D/△ △/▲/●/※	Red Green Dual-color			Screw Terminal Anti -electric Shock Structure Anti-interference Type can be customized Other illumination color can be customized IP40 / IP65(Optional)

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MR-AD16-16-SND MR-AD16-16C MR-AD16-16E MR-AD16-22BS MR-AD16-22D MR-AD16-22D-RG
MR-AD16-22DS MR-AD16-22ES MR-AD16-22HS

PILOT INDICATOR			Micro-Ray		
MR-AD16 SERIES					
PART NO	MR-AD16				
DWG NO	MR-AD16			SHEET 2 OF 2	REV A
UNITS: mm		SCALE: NTS - DO NOT SCALE		SIZE A4	DATE 2026-09-22