

MLD25

NPN/PNP

IP30



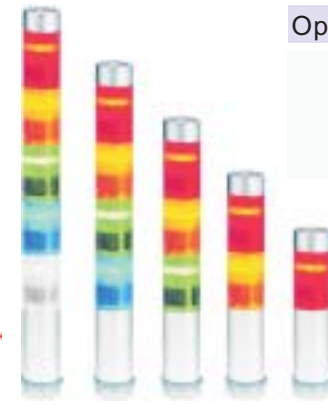
Optional parts

STZ-013

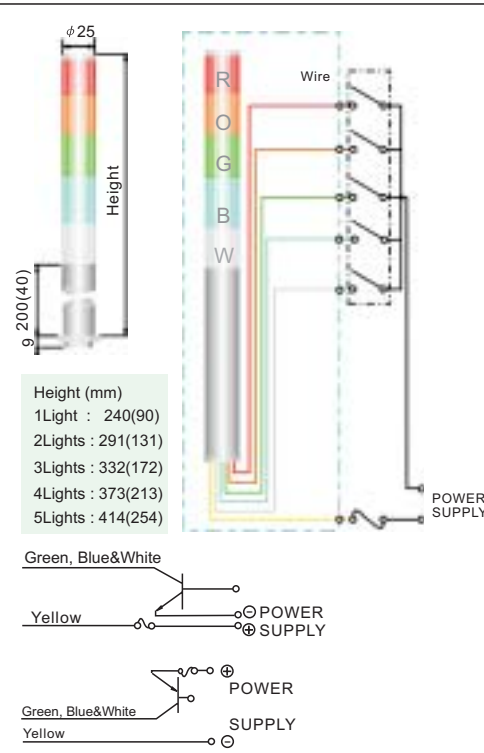


Optional parts

STZ-013



Dimensions & Wiring Example



Describing

- LED colours: Super-high-intensity Red, Super-high-intensity Orange, Super-high-intensity Green, Super-high-intensity Blue, Super-high-intensity -White.
- Bulb: Red, Orange, Green, Blue, White(combination in photo is standard; for other combinations, please contact us).
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- Prism-cut lens disperses the light source, improving visibility.
- Various kinds of information can be displayed by using different colours controlled by several(1 to 5) external signals.
- The body made of corrosion-resistant aluminum remains beautiful for a long time.
- Parallel pipe screw size used for threads of main body fixing part, Direct connection to flexible cable duct, etc.
- This model contains open-collector type NPN, PNP transistor which allows Direct connection to Programmable Controller.(24V type only)
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.
- Custom body model is available as an extra cost option.

Type

LED type

Style	Rated Voltage	Wattage	Model	Wire type
			Continuous Light	
1Light	AC/DC 24V	1W	MLD25-LA0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
2Light	AC/DC 24V	2W	MLD25-LA0F-21	
3Light	AC/DC 24V	3W	MLD25-LA0F-31	
4Light	AC/DC 24V	4W	MLD25-LA0F-41	
5Light	AC/DC 24V	5W	MLD25-LA0F-51	

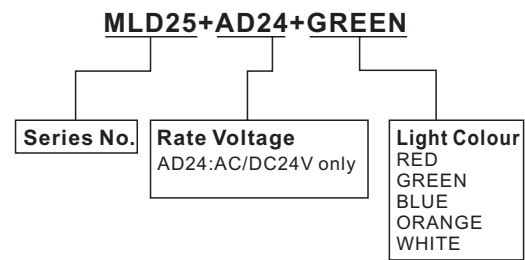
Bulb type

Style	Rated Voltage	Bulb	Model	Wire type
			Continuous Light	
1 Light	AC/DC 12V	12V 3W	MLD25-BA0C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V	24V 3W	MLD25-BA0F-11	
	AC 110V	110V 5W	MLD25-BA0M-11	
2 Light	AC/DC 12V	12V 3W	MLD25-BA0C-21	
	AC/DC 24V	24V 3W	MLD25-BA0F-21	
	AC 110V	110V 5W	MLD25-BA0M-21	
3 Light	AC/DC 12V	12V 3W	MLD25-BA0C-31	
	AC/DC 24V	24V 3W	MLD25-BA0F-31	
	AC 110V	110V 5W	MLD25-BA0M-31	
4 Light	AC/DC 12V	12V 3W	MLD25-BA0C-41	
	AC/DC 24V	24V 3W	MLD25-BA0F-41	
	AC 110V	110V 5W	MLD25-BA0M-41	
5 Light	AC/DC 12V	12V 3W	MLD25-BA0C-51	
	AC/DC 24V	24V 3W	MLD25-BA0F-51	
	AC 110V	110V 5W	MLD25-BA0M-51	

SIGNAL TOWER

Semi-manufactured goods order guide(for LED only)

Light Units Order



Top Cap Order



Main Body Order



Long Screw Order

Layer	Length	P/N
1	62	MLD25-S1
2	103	MLD25-S2
3	144	MLD25-S3
4	185	MLD25-S4
5	226	MLD25-S5

Assemble Guide

LED. Modules are interchangeable

Changing the colour configuration does not require re-wiring.

Note: When the same colour of LED modules are on one light tower, they will light simultaneously.

The colour of the LED. Module will always correspond to the colour of the wire

The wiring remains the same

Easy adding or removing

Up to five different colours can be stacked. The LED modules are easy to add or remove even after installation.

Note: Purchase of an add-on kit is required to add another colour.

MLD40

Vibration
Resistant

NPN/PNP
IP20



Optional parts



STZ-012



STZ-011

Optional parts



STLP-001

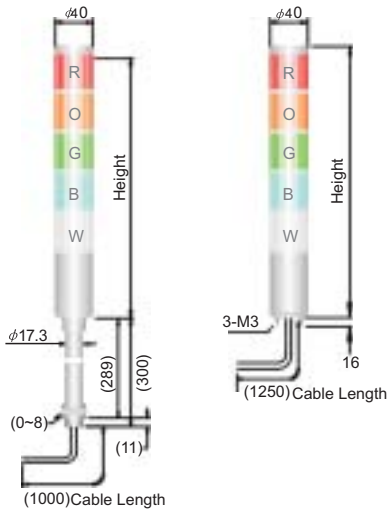


STL-001



STZ-014

Dimensions

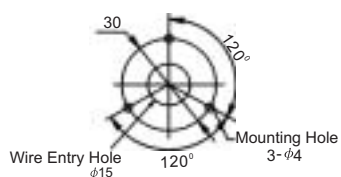


Height (mm)

1Light	: 121
2Lights	: 176
3Lights	: 232
4Lights	: 287
5Lights	: 342

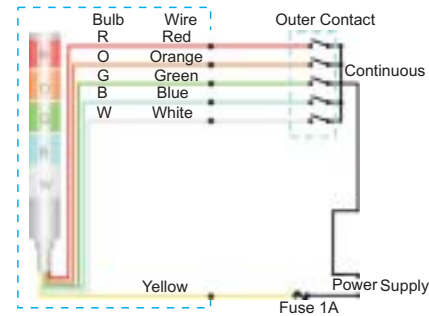
Height (mm)

1Light	: 166
2Lights	: 221
3Lights	: 277
4Lights	: 332
5Lights	: 387

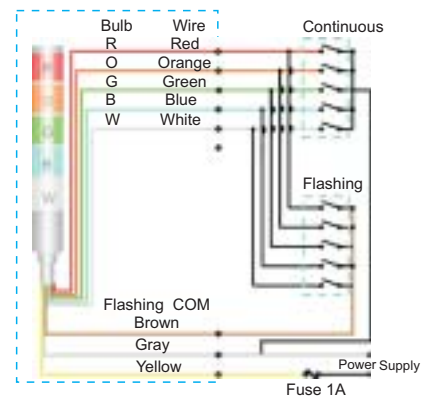


Wiring Diagram In Direct Power Connection

Continuous type



Flashing type

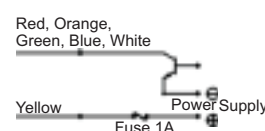


Wire colour

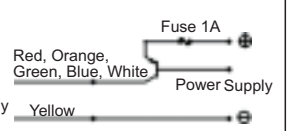
Bulb Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire

24V DC Type

NPN transistor



PNP transistor



SIGNAL TOWER

Describing

- Colours: Red, Orange, Green, Blue, White .
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- The unique vibration absorbing structure using new materials helps reduce vibration and impact from all machines and devices, greatly extending bulb life.
- Colour combinations can be easily changed.
- Prism-cut lens disperses the light source, improving visibility.
- Various types of information can be displayed by using different colours controlled by several (1 to 5) external signals.
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous and Continuous/Flashing type according to operation methods.
- This series has Normal, With pole, Paint, Paint and with pole type according to Distinguish code.
- For details information please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration (approx. 50G) in Y direction for three times.

Type

With pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light	Continuous/Flashing Light	
1 Light	AC/DC 12V	12V 3W	MLD40-BA1C-11	MLD40-BC1C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V	24V 3W	MLD40-BA1F-11	MLD40-BC1F-11	
	AC 110V	110V 5W	MLD40-BA1M-11	MLD40-BC1M-11	
	AC 220V	240V5W	MLD40-BA1N-11	MLD40-BC1N-11	
2 Light	AC/DC 12V	12V 3W	MLD40-BA1C-21	MLD40-BC1C-21	
	AC/DC 24V	24V 3W	MLD40-BA1F-21	MLD40-BC1F-21	
	AC 110V	110V 5W	MLD40-BA1M-21	MLD40-BC1M-21	
	AC 220V	240V5W	MLD40-BA1N-21	MLD40-BC1N-21	
3 Light	AC/DC 12V	12V 3W	MLD40-BA1C-31	MLD40-BC1C-31	
	AC/DC 24V	24V 3W	MLD40-BA1F-31	MLD40-BC1F-31	
	AC 110V	110V 5W	MLD40-BA1M-31	MLD40-BC1M-31	
	AC 220V	240V5W	MLD40-BA1N-31	MLD40-BC1N-31	
4 Light	AC/DC 12V	12V 3W	MLD40-BA1C-41	MLD40-BC1C-41	
	AC/DC 24V	24V 3W	MLD40-BA1F-41	MLD40-BC1F-41	
	AC 110V	110V 5W	MLD40-BA1M-41	MLD40-BC1M-41	
	AC 220V	240V5W	MLD40-BA1N-41	MLD40-BC1N-41	
5 Light	AC/DC 12V	12V 3W	MLD40-BA1C-51	MLD40-BC1C-51	
	AC/DC 24V	24V 3W	MLD40-BA1F-51	MLD40-BC1F-51	
	AC 110V	110V 5W	MLD40-BA1M-51	MLD40-BC1M-51	
	AC 220V	240V5W	MLD40-BA1N-51	MLD40-BC1N-51	

Without pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light	Continuous/Flashing Light	
1 Light	AC/DC 12V	12V 3W	MLD40-BA0C-11	MLD40-BC0C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V	24V 3W	MLD40-BA0F-11	MLD40-BC0F-11	
	AC 110V	110V 5W	MLD40-BA0M-11	MLD40-BC0M-11	
	AC 220V	240V5W	MLD40-BA0N-11	MLD40-BC0N-11	
2 Light	AC/DC 12V	12V 3W	MLD40-BA0C-21	MLD40-BC0C-21	
	AC/DC 24V	24V 3W	MLD40-BA0F-21	MLD40-BC0F-21	
	AC 110V	110V 5W	MLD40-BA0M-21	MLD40-BC0M-21	
	AC 220V	240V5W	MLD40-BA0N-21	MLD40-BC0N-21	
3 Light	AC/DC 12V	12V 3W	MLD40-BA0C-31	MLD40-BC0C-31	
	AC/DC 24V	24V 3W	MLD40-BA0F-31	MLD40-BC0F-31	
	AC 110V	110V 5W	MLD40-BA0M-31	MLD40-BC0M-31	
	AC 220V	240V5W	MLD40-BA0N-31	MLD40-BC0N-31	
4 Light	AC/DC 12V	12V 3W	MLD40-BA0C-41	MLD40-BC0C-41	
	AC/DC 24V	24V 3W	MLD40-BA0F-41	MLD40-BC0F-41	
	AC 110V	110V 5W	MLD40-BA0M-41	MLD40-BC0M-41	
	AC 220V	240V5W	MLD40-BA0N-41	MLD40-BC0N-41	
5 Light	AC/DC 12V	12V 3W	MLD40-BA0C-51	MLD40-BC0C-51	
	AC/DC 24V	24V 3W	MLD40-BA0F-51	MLD40-BC0F-51	
	AC 110V	110V 5W	MLD40-BA0M-51	MLD40-BC0M-51	
	AC 220V	240V5W	MLD40-BA0N-51	MLD40-BC0N-51	

MLD40

NPN/PNP

IP30



Optional parts



STZ-012



STZ-011

Optional parts

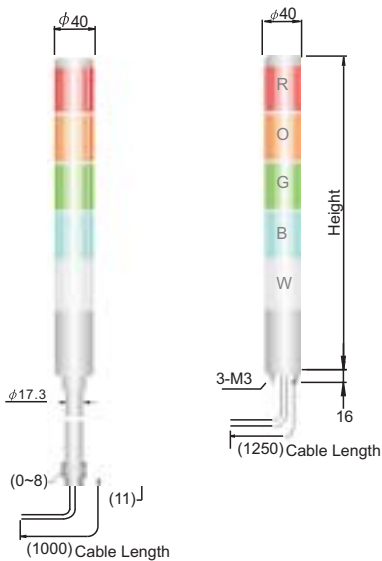


STLP-001



STZ-014

Dimensions

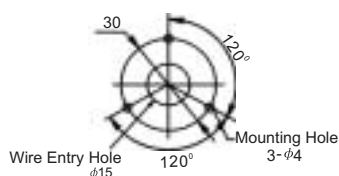


Height (mm)

1Light	: 166
2Lights	: 221
3Lights	: 277
4Lights	: 332
5Lights	: 387

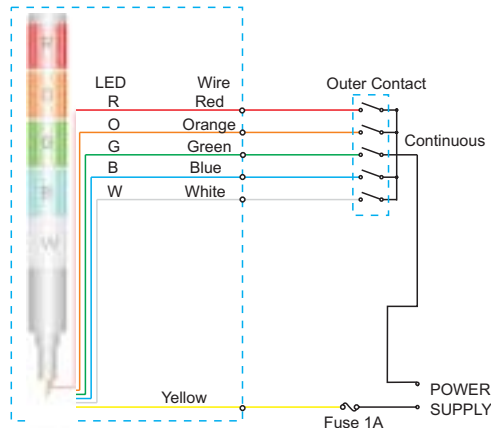
Height (mm)

1Light	: 121
2Lights	: 176
3Lights	: 232
4Lights	: 287
5Lights	: 342

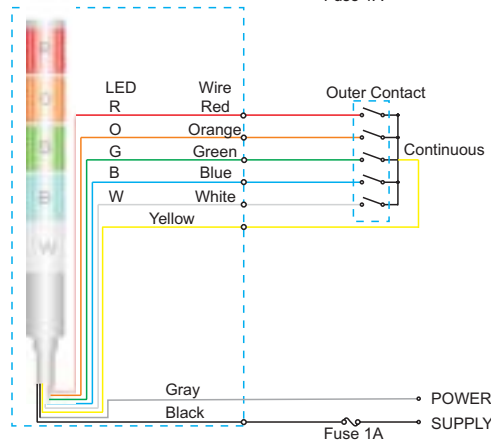


Wiring Diagram In Direct Power Connection

Continuous type 12V/24V type



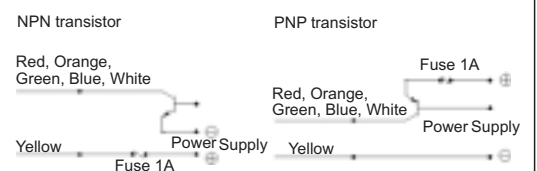
110V type



Wire colour

LED Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire

24V DC Type



SIGNAL TOWER

Describing

- Colours: Super-high-intensity Red, Super-high-intensity Orange, Super-high-intensity Green, Super-high-intensity Blue, super-high-intensity White.
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- Our newly developed LED reflection system, improved luminosity and ends the problem of burned out bulbs. Due to the newly designed structure with independent colour unit, colour combinations can be easily changed.
- Prism-cut lens disperses the light source, improving visibility.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable Controller. (24V type only)
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has continuous type according to operation methods.
- This series has normal, with pole type according to Distinguish code.
- For details information, please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration (approx. 50G) in Y direction for three times.

Type

■ With pole

Style	Rated Voltage	Wattage	Model	Wire type
			Continuous Light	
1 Light	AC/DC 24V	2W	MLD40-LA1F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	2.5W	MLD40-LA1M-11	
2 Light	AC/DC 24V	4W	MLD40-LA1F-21	
	AC 110V	5W	MLD40-LA1M-21	
3 Light	AC/DC 24V	6W	MLD40-LA1F-31	
	AC 110V	7.5W	MLD40-LA1M-31	
4 Light	AC/DC 24V	8W	MLD40-LA1F-41	
	AC 110V	10W	MLD40-LA1M-41	
5 Light	AC/DC 24V	10W	MLD40-LA1F-51	
	AC 110V	12.5W	MLD40-LA1M-51	

■ Without pole

Style	Rated Voltage	Wattage	Model	Wire type
			Continuous Light	
1 Light	AC/DC 24V	2W	MLD40-LA0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	2.5W	MLD40-LA0M-11	
2 Light	AC/DC 24V	4W	MLD40-LA0F-21	
	AC 110V	5W	MLD40-LA0M-21	
3 Light	AC/DC 24V	6W	MLD40-LA0F-31	
	AC 110V	7.5W	MLD40-LA0M-31	
4 Light	AC/DC 24V	8W	MLD40-LA0F-41	
	AC 110V	10W	MLD40-LA0M-41	
5 Light	AC/DC 24V	10W	MLD40-LA0F-51	
	AC 110V	12.5W	MLD40-LA0M-51	

Semi-manufactured goods order guide

Light Units Order



MOD40+AD24+RED



MOD40+AD24+ORANGE



MOD40+AD24+GREEN



MOD40+AD24+BLUE



MOD40+AD24+WHITE

MOD40+AD24+GREEN

Series No.	Rate Voltage AD24:AC/DC24V only	Light Colour Red Green Blue Orange White
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Top Cap Order



MLD40+TL

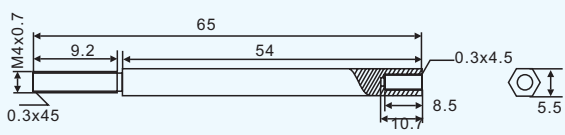
Main Body Order



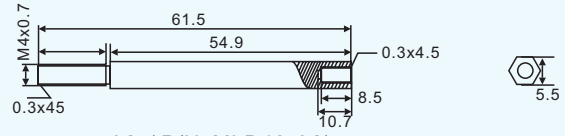
Model type+M
(E.g.: MLD40-LE1F-11+M)

Long Screw Order

Layer	A1(PCS)	A2(PCS)	P/N
1	1	0	MLD40-S1
2	1	1	MLD40-S2
3	1	2	MLD40-S3
4	1	3	MLD40-S4
5	1	4	MLD40-S5



A1 (P/N: MLD40-A1)



A2 (P/N: MLD40-A2)

Assemble Guide



LED. Modules are interchangeable

Changing the colour configuration does not require re-wiring.
Note: When the same colour of LED modules are on one light tower, they will light simultaneously.

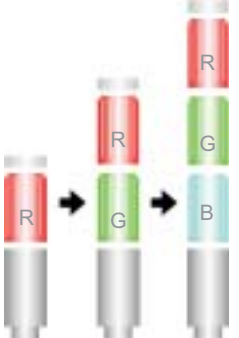
The wiring remains the same

The colour of the LED. Module will always correspond to the colour of the wire

Easy adding or removing

Up to five different colours can be stacked. The LED modules are easy to add or remove even after installation.

Note: Purchase of an add-on kit is required to add another colour.



SIGNAL TOWER

MAD40



2 different sound 80dB/m

Vibration Resistant

NPN/PNP

IP20





Optional parts



STZ-014



STZ-013



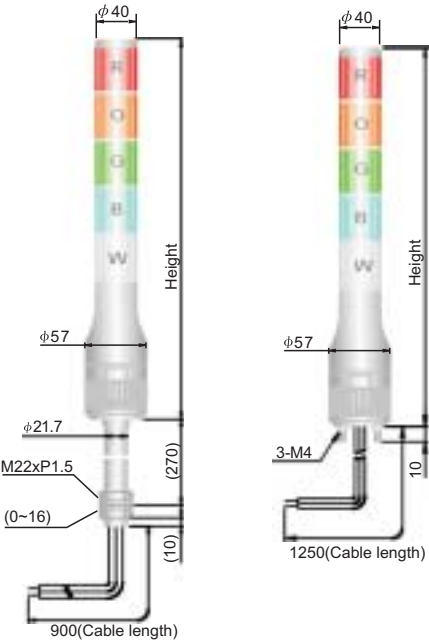
STZ-010



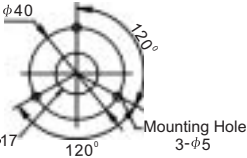
STZ-017



Dimensions



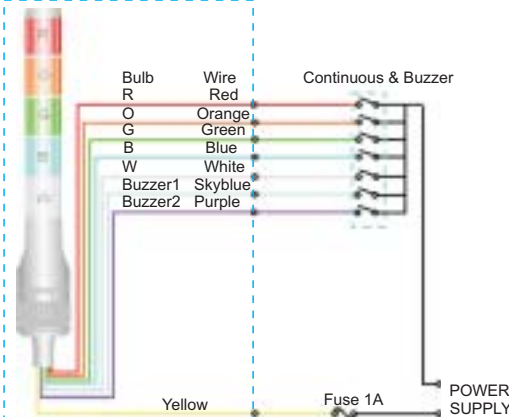
Height (mm)
1Light : 185
2Lights : 240
3Lights : 295
4Lights : 350
5Lights : 405



Wire Entry Hole $\phi 17$
Mounting Hole 3- $\phi 5$
120°

Wiring Diagram In Direct Power Connection

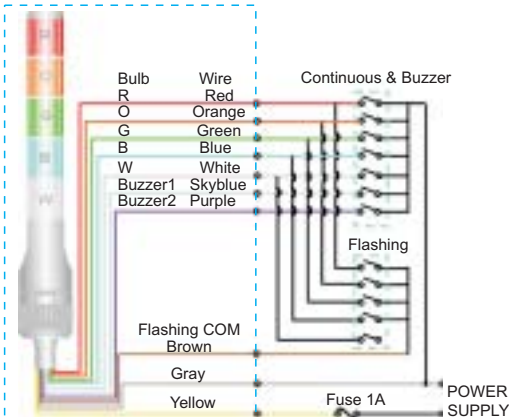
Continuous type



Bulb Wire
R Red
O Orange
G Green
B Blue
W White
Buzzer1 Skyblue
Buzzer2 Purple

Continuous & Buzzer
Fuse 1A
POWER SUPPLY

Flashing type



Bulb Wire
R Red
O Orange
G Green
B Blue
W White
Buzzer1 Skyblue
Buzzer2 Purple

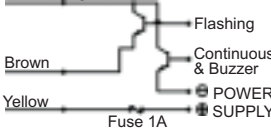
Continuous & Buzzer
Flashing
Flashing COM Brown
Gray
Yellow
Fuse 1A
POWER SUPPLY

Wire colour

Bulb Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire

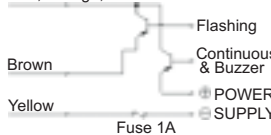
Open collector (24VDC)

NPN transistor
Red, Orange or Green



Flashing
Continuous & Buzzer
POWER SUPPLY
Fuse 1A

PNP transistor
Red, Orange, or Green



Flashing
Continuous & Buzzer
POWER SUPPLY
Fuse 1A

L-08

Describing

- Colours: Red, Orange, Green, Blue, White (combination in photo is standard; for other combinations, please Contact us)
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- The unique vibration absorbing structure using new materials helps reduce vibration and impact from all machines and devices, greatly extending bulb life.
- The buzzer has 2 different gentle sounds high volume: 80dB/m.
- Colour combinations can be easily changed.
- Prism-cut lens disperses the light source, improving visibility.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable Controller. (24V type only).
- Various types of information can be displayed by using different colours controlled by several (1 to 5) external signals.
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous Light with warning sound and Continuous/Flashing Light with warning sound type According to operation methods.
- This series has normal, with pole type according to Distinguish code.
- For details information, please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration (approx. 50G) in Y direction for three times.

Type

With pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light With Warning Sound	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	24V 3W	MAD40-BD1F-11	MAD40-BF1F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	110V 5W	MAD40-BD1M-11	MAD40-BF1M-11	
	AC 220V	240V5W	MAD40-BD1N-11	MAD40-BF1N-11	
2 Light	AC/DC 24V	24V 0.11A	MAD40-BD1F-21	MAD40-BF1F-21	
	AC 110V	110V 5W	MAD40-BD1M-21	MAD40-BF1M-21	
	AC 220V	240V5W	MAD40-BD1N-21	MAD40-BF1N-21	
3 Light	AC/DC 24V	24V 3W	MAD40-BD1F-31	MAD40-BF1F-31	
	AC 110V	110V 5W	MAD40-BD1M-31	MAD40-BF1M-31	
	AC 220V	240V5W	MAD40-BD1N-31	MAD40-BF1N-31	
4 Light	AC/DC 24V	24V 3W	MAD40-BD1F-41	MAD40-BF1F-41	
	AC 110V	110V 5W	MAD40-BD1M-41	MAD40-BF1M-41	
	AC 220V	240V5W	MAD40-BD1N-41	MAD40-BF1N-41	
5 Light	AC/DC 24V	24V 3W	MAD40-BD1F-51	MAD40-BF1F-51	
	AC 110V	110V 5W	MAD40-BD1M-51	MAD40-BF1M-51	
	AC 220V	240V5W	MAD40-BD1N-51	MAD40-BF1N-51	

Without pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light With Warning Sound	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	24V 3W	MAD40-BD0F-11	MAD40-BF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	110V 5W	MAD40-BD0M-11	MAD40-BF0M-11	
	AC 220V	240V5W	MAD40-BD0N-11	MAD40-BF0N-11	
2 Light	AC/DC 24V	24V 3W	MAD40-BD0F-21	MAD40-BF0F-21	
	AC 110V	110V 5W	MAD40-BD0M-21	MAD40-BF0M-21	
	AC 220V	240V5W	MAD40-BD0N-21	MAD40-BF0N-21	
3 Light	AC/DC 24V	24V 3W	MAD40-BD0F-31	MAD40-BF0F-31	
	AC 110V	110V 5W	MAD40-BD0M-31	MAD40-BF0M-31	
	AC 220V	240V5W	MAD40-BD0N-31	MAD40-BF0N-31	
4 Light	AC/DC 24V	24V 3W	MAD40-BD0F-41	MAD40-BF0F-41	
	AC 110V	110V 5W	MAD40-BD0M-41	MAD40-BF0M-41	
	AC 220V	240V5W	MAD40-BD0N-41	MAD40-BF0N-41	
5 Light	AC/DC 24V	24V 3W	MAD40-BD0F-51	MAD40-BF0F-51	
	AC 110V	110V 5W	MAD40-BD0M-51	MAD40-BF0M-51	
	AC 220V	240V5W	MAD40-BD0N-51	MAD40-BF0N-51	

SIGNAL TOWER

MAD40



Vibration
Resistant

NPN/PNP
IP20



Optional parts



STZ-014

Optional parts

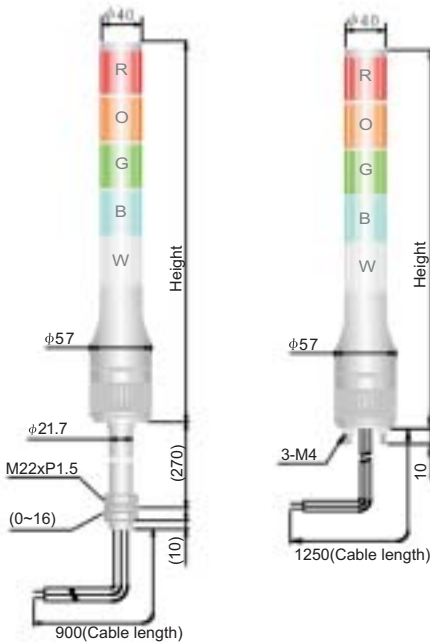
STZ-013

STZ-010

STZ-017

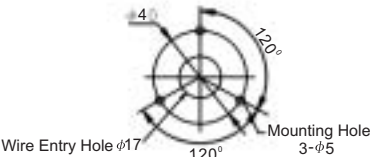


Dimensions



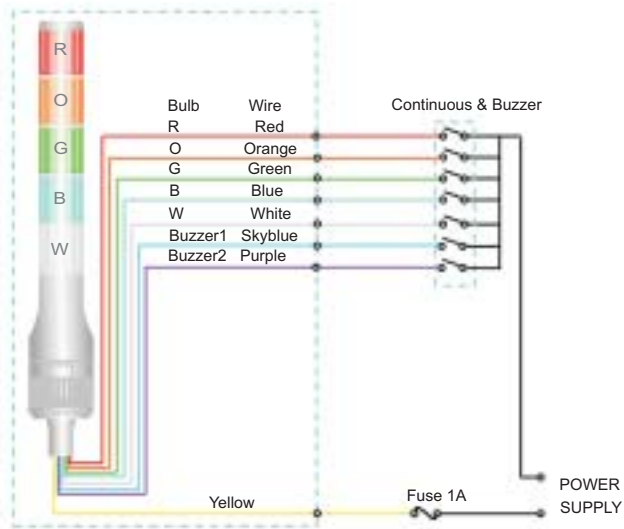
Height (mm)

- 1Light : 185
- 2Lights : 240
- 3Lights : 295
- 4Lights : 350
- 5Lights : 405



Wiring Diagram In Direct Power Connection

Continuous Type



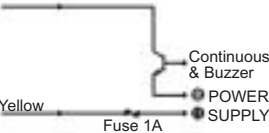
Wire Colour

LED Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire

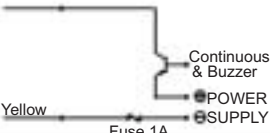
Five wires(Red,Orange,Green,Blue,White) are connected regardless of the number of LED Unit.

Open Collector (24V)

NPN Transistor
Red, Orange or Green



PNP Transistor
Red, Orange, or Green



Describing

- Colours: Super-high-intensity Red, Super-high-intensity Orange, Super-high-intensity Green, Super-high-intensity Blue, Super-high-intensity White (combination in photo is standard, for other combinations, please contact us).
- Lens: Polycarbonate resin with superior resistance to impact and heat.
Various types of information can be displayed by using different colours controlled by several (1 to 5) external signals.
- Our LED reflection system, improved luminosity and ends the problem of burned out bulbs.
- The buzzer has 2 different gentle sounds high volume; 80dB/m
- Colour combinations can be easily changed.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable Controller.(24V type only)
- Customer poles up to 1000mm long are available as an extra cost option.
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series only has continuous light with warning sound according to operation method.
- This series has Normal, With pole, Paint, according to Distinguish code.
- For details information please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration (approx. 50G) in Y direction for three times.

Type

With pole

Style	Rated Voltage	Wattage	Model	Wire type
			Continuous Light With Warning Sound	
1 Light	AC/DC 24V	2W	MAD40-LD1F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	2.5W	MAD40-LD1M-11	
2 Light	AC/DC 24V	4W	MAD40-LD1F-21	
	AC 110V	5W	MAD40L-D1M-21	
3 Light	AC/DC 24V	6W	MAD40-LD1F-31	
	AC 110V	7.5W	MAD40-LD1M-31	
4 Light	AC/DC 24V	8W	MAD40-LD1F-41	
	AC 110V	10W	MAD40-LD1M-41	
5 Light	AC/DC 24V	10W	MAD40-LD1F-51	
	AC 110V	12.5W	MAD40-LD1M-51	

Without pole

Style	Rated Voltage	Wattage	Model	Wire type
			Continuous Light With Warning Sound	
1 Light	AC/DC 24V	2W	MAD40-LD0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	2.5W	MAD40-LD0M-11	
2 Light	AC/DC 24V	4W	MAD40-LD0F-21	
	AC 110V	5W	MAD40L-D0M-21	
3 Light	AC/DC 24V	6W	MAD40-LD0F-31	
	AC 110V	7.5W	MAD40-LD0M-31	
4 Light	AC/DC 24V	8W	MAD40-LD0F-41	
	AC 110V	10W	MAD40-LD0M-41	
5 Light	AC/DC 24V	10W	MAD40-LD0F-51	
	AC 110V	12.5W	MAD40-LD0M-51	

SIGNAL TOWER

Semi-manufactured goods order guide

Light Units Order



MOD40+AD24+RED



MOD40+AD24+ORANGE



MOD40+AD24+GREEN

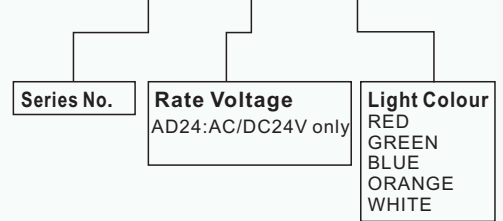


MOD40+AD24+BLUE



MOD40+AD24+WHITE

MOD40+AD24+GREEN



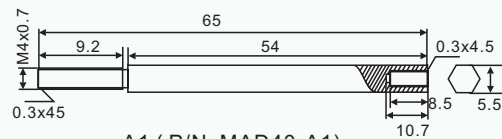
Top Cap Order



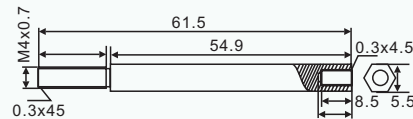
MAD40+TL

Long Screw Order

Layer	A1 (PCS)	A2 (PCS)	P/N
1	1	0	MAD40-S1
2	1	1	MAD40-S2
3	1	2	MAD40-S3
4	1	3	MAD40-S4
5	1	4	MAD40-S5



A1 (P/N: MAD40-A1)



A2 (P/N: MAD40-A2)

MainBody Order



Model type+M
(E.g.: MAD40-LD1F-11+M)

Assemble Guide



LED. Modules are interchangeable

Changing the colour configuration does not require re-wiring.

Note: When the same colour of LED modules are on one light tower, they will light simultaneously.

The wiring remains the same

The colour of the LED. Module will always correspond to the colour of the wire

Easy adding or removing

Up to five different colours can be stacked. The LED modules are easy to add or remove even after installation.

Note: Purchase of an add-on kit is required to add another colour.



MOD50



Optional parts



STZ-014

Optional parts

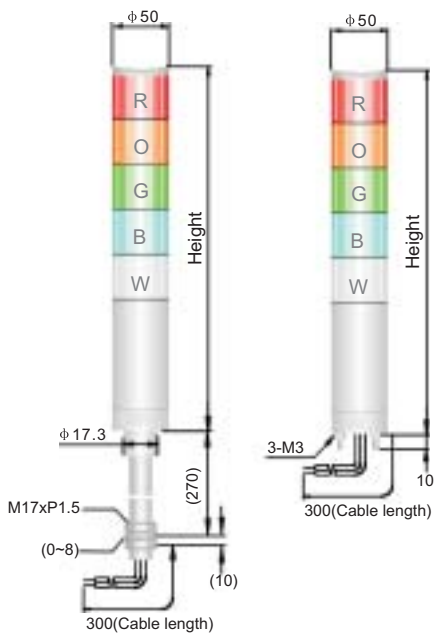


STZ-012



STZ-011

Dimensions

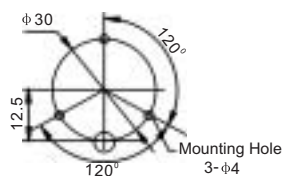


Height (mm)

1Light	: 135
2Lights	: 165
3Lights	: 195
4Lights	: 225
5Lights	: 255

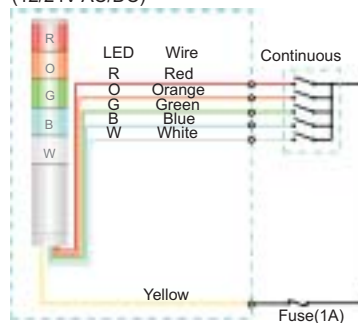
Height (mm)

1Light	: 205
2Lights	: 235
3Lights	: 265
4Lights	: 295
5Lights	: 325

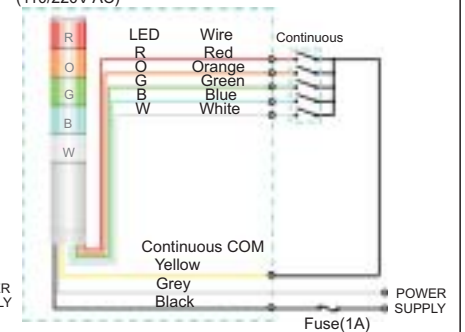


Wiring Diagram In Direct Power Connection

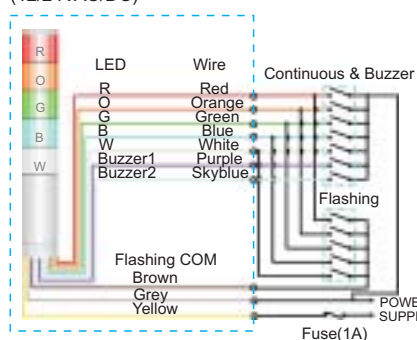
Continuous type (12/24V AC/DC)



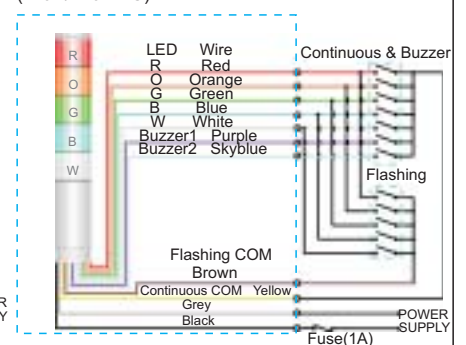
Continuous type (110/220V AC)



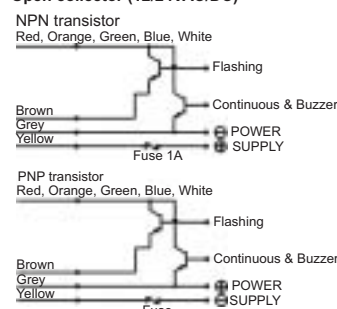
Flashing type (12/24VAC/DC)



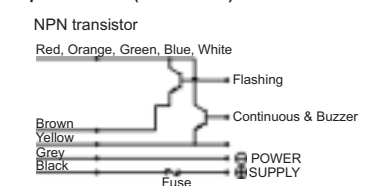
Flashing type (110V/220V AC)



Open collector (12/24VAC/DC)



Open collector (110/220VAC)



SIGNAL TOWER

Describing

- Colours: Super-high-intensity Red, Super-high-intensity Orange, Super-high-intensity Green, Super-high-intensity Blue, Super-high-intensity White(combination in photo is standard, for other combinations, please contact us.)
- Lens: Acrylic resin with superior weather resistance and light transluence.
- Due to the newly developed double-reflection system, use of just one unit ensures visibility.
- A simple unified system ensures a low product cost combined with a reduced consumption of electricity.
- Due to the use of LEDs, there is no need to replace burned out bulbs.
- Prism-cut lens disperses the light source, improving visibility, an improved visibility from below lift and right.
- Water and dust proof, conforms to international standard IP54, Can be used indoors and outdoors equally well.
- The buzzer has 2 different gentle sounds high volume;85dB/m
- Because of the unified structure, the colour combinations can be easily changed.
- This model contains open-collector type NPN, PNP transistors which allow direct connection to programmable Controller.The NPN open collector is available in 100V and 220V models.
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous Light and Continuous /Flashing with waring sound type according to operation methods.
- This series has normal, with pole type according to Distinguish code.
- For details information, please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency,0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

■ With pole

Style	Rated Voltage	Wattage	Model		Wire type
			Continuous Light	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 12V	0.6W	MOD50-LA1C-11	MOD50-LF1C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V		MOD50-LA1F-11	MOD50-LF1F-11	
	AC 110V	3.4W	MOD50-LA1M-11	MOD50-LF1M-11	
	AC 220V		MOD50-LA1N-11	MOD50-LF1N-11	
2 Light	AC/DC 12V	1.2W	MOD50-LA1C-21	MOD50-LF1C-21	
	AC/DC 24V		MOD50-LA1F-21	MOD50-LF1F-21	
	AC 110V	4.3W	MOD50-LA1M-21	MOD50-LF1M-21	
	AC 220V		MOD50-LA1N-21	MOD50-LF1N-21	
3 Light	AC/DC 12V	1.7W	MOD50-LA1C-31	MOD50-LF1C-31	
	AC/DC 24V		MOD50-LA1F-31	MOD50-LF1F-31	
	AC 110V	5.2W	MOD50-LA1M-31	MOD50-LF1M-31	
	AC 220V		MOD50-LA1N-31	MOD50-LF1N-31	
4 Light	AC/DC 12V	2.2W	MOD50-LA1C-41	MOD50-LF1C-41	
	AC/DC 24V		MOD50-LA1F-41	MOD50-LF1F-41	
	AC 110V	6.1W	MOD50-LA1M-41	MOD50-LF1M-41	
	AC 220V		MOD50-LA1N-41	MOD50-LF1N-41	
5 Light	AC/DC 12V	2.7W	MOD50-LA1C-51	MOD50-LF1C-51	
	AC/DC 24V		MOD50-LA1F-51	MOD50-LF1F-51	
	AC 110V	7.0W	MOD50-LA1M-51	MOD50-LF1M-51	
	AC 220V		MOD50-LA1N-51	MOD50-LF1N-51	

■ Without pole

Style	Rated Voltage	Wattage	Model		Wire type
			Continuous Light	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 12V	0.6W	MOD50-LA0C-11	MOD50-LF0C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V		MOD50-LA0F-11	MOD50-LF0F-11	
	AC 110V	3.4W	MOD50-LA0M-11	MOD50-LF0M-11	
	AC 220V		MOD50-LA0N-11	MOD50-LF0N-11	
2 Light	AC/DC 12V	1.2W	MOD50-LA0C-21	MOD50-LF0C-21	
	AC/DC 24V		MOD50-LA0F-21	MOD50-LF0F-21	
	AC 110V	4.3W	MOD50-LA0M-21	MOD50-LF0M-21	
	AC 220V		MOD50-LA0N-21	MOD50-LF0N-21	
3 Light	AC/DC 12V	1.7W	MOD50-LA0C-31	MOD50-LF0C-31	
	AC/DC 24V		MOD50-LA0F-31	MOD50-LF0F-31	
	AC 110V	5.2W	MOD50-LA0M-31	MOD50-LF0M-31	
	AC 220V		MOD50-LA0N-31	MOD50-LF0N-31	
4 Light	AC/DC 12V	2.2W	MOD50-LA0C-41	MOD50-LF0C-41	
	AC/DC 24V		MOD50-LA0F-41	MOD50-LF0F-41	
	AC 110V	6.1W	MOD50-LA0M-41	MOD50-LF0M-41	
	AC 220V		MOD50-LA0N-41	MOD50-LF0N-41	
5 Light	AC/DC 12V	2.7W	MOD50-LA0C-51	MOD50-LF0C-51	
	AC/DC 24V		MOD50-LA0F-51	MOD50-LF0F-51	
	AC 110V	7.0W	MOD50-LA0M-51	MOD50-LF0M-51	
	AC 220V		MOD50-LA0N-51	MOD50-LF0N-51	

Semi-manufactured goods order guide

Light Units Order


MOD50+AD24+BLUE MOD50+AD24+WHITE MOD50+AD24+GREEN

MOD50+AD24+ORANGE MOD50+AD24+RED

MOD50+AD12+GREEN

Series No.	Rate Voltage	Light Colour
	AD 12:AC/DC 12V	RED
	AD 24:AC/DC 24V	GREEN
		BLUE
		ORANGE
		WHITE

Note: 1. AD12 Light units only for the 12V power supply.
2. AD24 light units can be used in every voltage type, except 12V power supply.

Top Cap Order



MOD50+TL

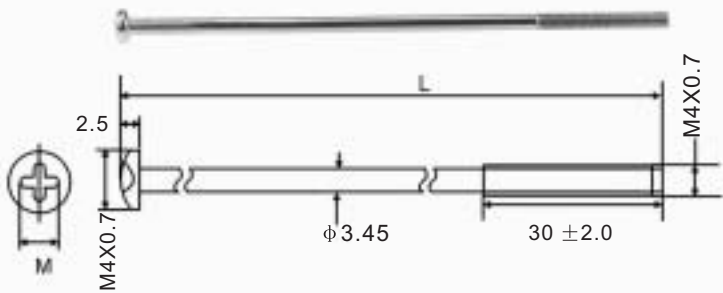
Main Body Order



Model type+M
(E.g.:MOD50-LE1F-11+M)

Long Screw Order

Layer	Length(mm)	P/N
1	46	MOD50+S1
2	75	MOD50+S2
3	104	MOD50+S3
4	133	MOD50+S4
5	163	MOD50+S5



Assemble Guide



LED. Modules are interchangeable

Changing the colour configuration does not require re-wiring.

Note: When the same colour of LED modules are on one light tower, they will light simultaneously.

The colour of the LED. Module will always correspond to the colour of the wire

The wiring remains the same



Easy adding or removing

Up to five different colours can be stacked. The LED modules are easy to add or remove even after installation.

Note: Purchase of an add-on kit is required to add another colour.

SIGNAL TOWER

MLD57

NPN/PNP

IP20



Optional parts



STZ-014

Optional parts



STZ-013



STZ-016

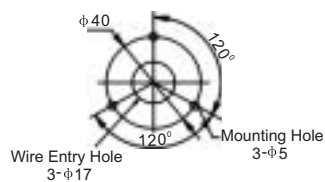
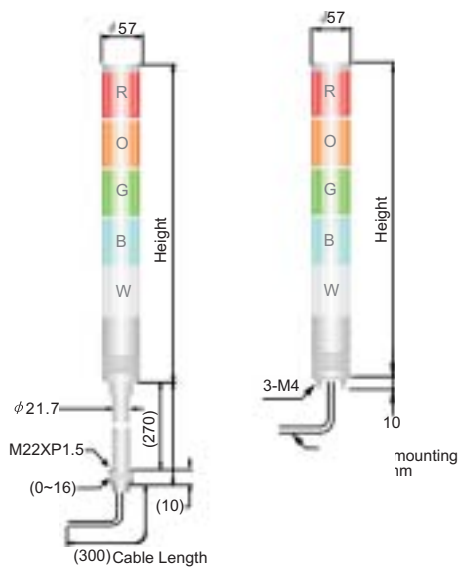


STZ-010



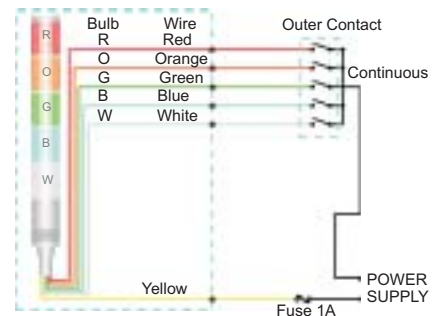
STZ-017

Dimensions

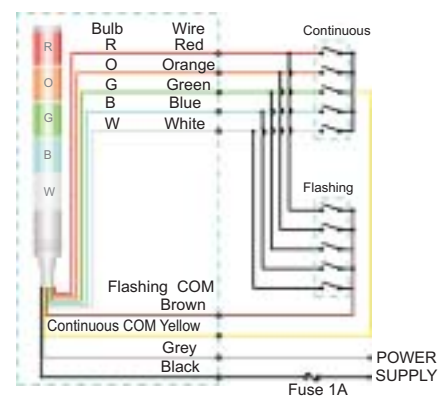


Wiring Diagram In Direct Power Connection

Continuous type



Flashing type



Wire colour

Bulb Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire

Describing

- Colours: Red, Orange, Green, Blue, White (combination in photo is standard; for other combinations, please contact us)
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- The unique vibration absorbing structure using new materials helps reduce vibration and impact from all machines and Devices, greatly extending bulb life.
- Long-life vibration-resistant bulbs are used.
- Colour combinations can be easily changed.
- Various types of information can displayed by using different colours controlled by several (1 to 5) external signals.
- Prism-cut lens disperses the light source, improving visibility.
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- Custom poles up to 1000mm long are available as an extra cost option.
- For operating the external contact or switch, use a toggle switch, relay switch, limit switch, etc. (No-contact or relay for Flashing model cannot be used due to the influence of leak current.)
- As the body of 12V models is grounded, when using 12V AC, always use an insulation transformer power source.
- This series has Continuous Light and Continuous/Flashing type according to operation methods.
- This series has normal, with pole, Paint, Paint and with pole type according to Distinguish code..
- For details information, please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration (approx. 50G) in Y direction for three times.

Type

■ With pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light	Continuous/Flashing Light	
1 Light	AC/DC 12V	12V 10W	MLD57-BA1C-11	MLD57-BC1C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V	30V 10W	MLD57-BA1F-11	MLD57-BC1F-11	
	AC 110V	110V 15W	MLD57-BA1M-11	MLD57-BC1M-11	
	AC 220V	220V 15W	MLD57-BA1N-11	MLD57-BC1N-11	
2 Light	AC/DC 12V	12V 10W	MLD57-BA1C-21	MLD57-BC1C-21	
	AC/DC 24V	30V 10W	MLD57-BA1F-21	MLD57-BC1F-21	
	AC 110V	110V 15W	MLD57-BA1M-21	MLD57-BC1M-21	
	AC 220V	220V 15W	MLD57-BA1N-21	MLD57-BC1N-21	
3 Light	AC/DC 12V	12V 10W	MLD57-BA1C-31	MLD57-BC1C-31	
	AC/DC 24V	30V 10W	MLD57-BA1F-31	MLD57-BC1F-31	
	AC 110V	110V 15W	MLD57-BA1M-31	MLD57-BC1M-31	
	AC 220V	220V 15W	MLD57-BA1N-31	MLD57-BC1N-31	
4 Light	AC/DC 12V	12V 10W(5W Flashing)	MLD57-BA1C-41	MLD57-BC1C-41	
	AC/DC 24V	30V 10W	MLD57-BA1F-41	MLD57-BC1F-41	
	AC 110V	110V 15W	MLD57-BA1M-41	MLD57-BC1M-41	
	AC 220V	220V 15W	MLD57-BA1N-41	MLD57-BC1N-41	
5 Light	AC/DC 12V	12V 10W(5W Flashing)	MLD57-BA1C-51	MLD57-BC1C-51	
	AC/DC 24V	30V 10W	MLD57-BA1F-51	MLD57-BC1F-51	
	AC 110V	110V 15W	MLD57-BA1M-51	MLD57-BC1M-51	
	AC 220V	220V 15W	MLD57-BA1N-51	MLD57-BC1N-51	

■ Without pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light	Continuous/Flashing Light	
1 Light	AC/DC 12V	12V 10W	MLD57-BA0C-11	MLD57-BC0C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V	30V 10W	MLD57-BA0F-11	MLD57-BC0F-11	
	AC 110V	110V 15W	MLD57-BA0M-11	MLD57-BC0M-11	
	AC 220V	220V 15W	MLD57-BA0N-11	MLD57-BC0N-11	
2 Light	AC/DC 12V	12V 10W	MLD57-BA0C-21	MLD57-BC0C-21	
	AC/DC 24V	30V 10W	MLD57-BA0F-21	MLD57-BC0F-21	
	AC 110V	110V 15W	MLD57-BA0M-21	MLD57-BC0M-21	
	AC 220V	220V 15W	MLD57-BA0N-21	MLD57-BC0N-21	
3 Light	AC/DC 12V	12V 10W	MLD57-BA0C-31	MLD57-BC0C-31	
	AC/DC 24V	30V 10W	MLD57-BA0F-31	MLD57-BC0F-31	
	AC 110V	110V 15W	MLD57-BA0M-31	MLD57-BC0M-31	
	AC 220V	220V 15W	MLD57-BA0N-31	MLD57-BC0N-31	
4 Light	AC/DC 12V	12V 10W(5W Flashing)	MLD57-BA0C-41	MLD57-BC0C-41	
	AC/DC 24V	30V 10W	MLD57-BA0F-41	MLD57-BC0F-41	
	AC 110V	110V 15W	MLD57-BA0M-41	MLD57-BC0M-41	
	AC 220V	220V 15W	MLD57-BA0N-41	MLD57-BC0N-41	
5 Light	AC/DC 12V	12V 10W(5W Flashing)	MLD57-BA0C-51	MLD57-BC0C-51	
	AC/DC 24V	30V 10W	MLD57-BA0F-51	MLD57-BC0F-51	
	AC 110V	110V 15W	MLD57-BA0M-51	MLD57-BC0M-51	
	AC 220V	220V 15W	MLD57-BA0N-51	MLD57-BC0N-51	

SIGNAL TOWER

MOD57



NPN/PNP

IP20



Optional parts



STZ-014

Optional parts



STZ-013



STZ-016

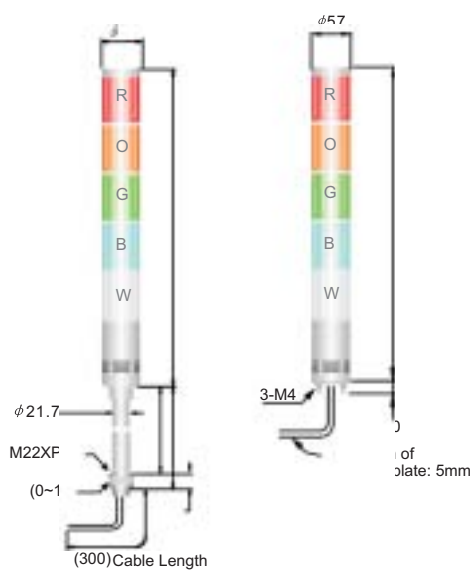


STZ-010



STZ-017

Dimensions

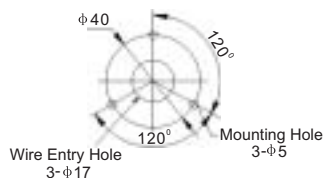


Height (mm)

1Light : 160
2Lights : 226
3Lights : 292
4Lights : 358
5Lights : 424

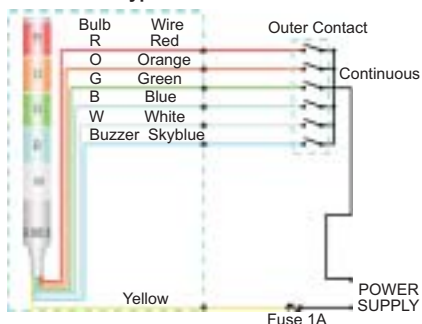
Height (mm)

1Light : 160
2Lights : 226
3Lights : 292
4Lights : 358
5Lights : 424

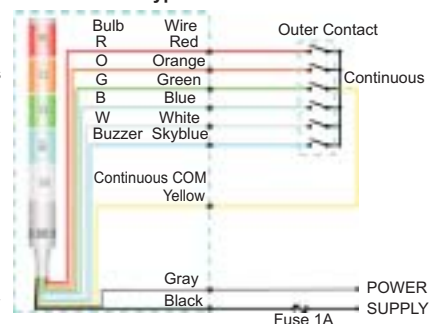


Wiring Diagram In Direct Power Connection

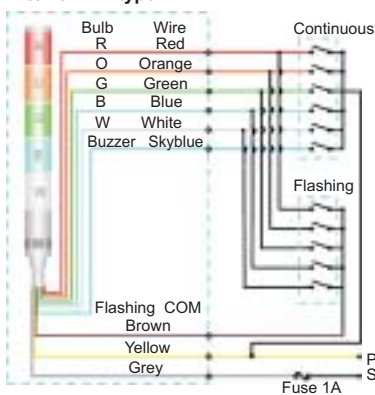
Continuous type AC/DC 24V type



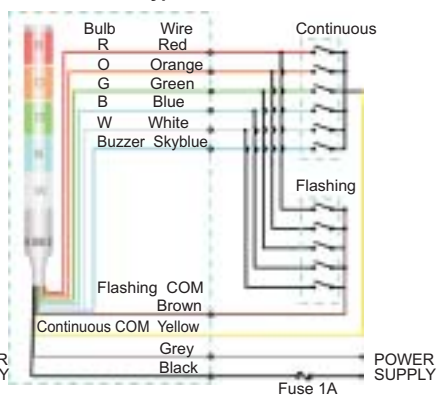
AC 110V/220V type



Flashing type AC/DC 24V type



AC 110V/220V type



Wire colour

Bulb Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire
NO	Wire Colour
Buzzer	Skyblue Wire

Describing

- Colours: Red, Orange, Green, Blue, White (combination in photo is standard; for other combinations, other Combinations, please contact us).
 - Lens: Polycarbonate resin with superior resistance to impact and heat.
 - The unique vibration absorbing structure using new materials helps reduce vibration and impact from all machines and Devices, greatly extending bulb life.
 - Long-life vibration-resistant bulbs are used.
 - Colour combinations can be easily changed.
 - Prism-cut lens disperses the light source, improving visibility.
- Various types of information can be displayed by using different colours controlled by several (1 to 5) external signals.
- Buzzer sound, lighting, and flickering can all be controlled independently.
 - High power sound volume; Max 75 dB/m
 - The CSA & CE marking is available. The CSA approval number is 219967-143081.
 - This series has Continuous Light with warning sound and Continuous/ Flashing Light with warning sound type according to Distinguish code.
 - This series has normal, with pole type according to operation methods.
 - For details information, please refer to selection guide.
 - Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
 - Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

With pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light With Warning Sound	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	30V 10W	MOD57-BD1F-11	MOD57-BF1F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	110V 15W	MOD57-BD1M-11	MOD57-BF1M-11	
	AC 220V	220V 15W	MOD57-BD1N-11	MOD57-BF1N-11	
2 Light	AC/DC 24V	30V 10W	MOD57-BD1F-21	MOD57-BF1F-21	
	AC 110V	110V 15W	MOD57-BD1M-21	MOD57-BF1M-21	
	AC 220V	220V 15W	MOD57-BD1N-21	MOD57-BF1N-21	
3 Light	AC/DC 24V	30V 10W	MOD57-BD1F-31	MOD57-BF1F-31	
	AC 110V	110V 15W	MOD57-BD1M-31	MOD57-BF1M-31	
	AC 220V	220V 15W	MOD57-BD1N-31	MOD57-BF1N-31	
4 Light	AC/DC 24V	30V 10W	MOD57-BD1F-41	MOD57-BF1F-41	
	AC 110V	110V 15W	MOD57-BD1M-41	MOD57-BF1M-41	
	AC 220V	220V 15W	MOD57-BD1N-41	MOD57-BF1N-41	
5 Light	AC/DC 24V	30V 10W	MOD57-BD1F5-1	MOD57-BF1F5-1	
	AC 110V	110V 15W	MOD57-BD1M5-1	MOD57-BF1M5-1	
	AC 220V	220V 15W	MOD57-BD1N5-1	MOD57-BF1N5-1	

Without pole

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light With Warning Sound	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	30V 10W	MOD57-BD0F-11	MOD57-BF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	110V 15W	MOD57-BD0M-11	MOD57-BF0M-11	
	AC 220V	220V 15W	MOD57-BD0N-11	MOD57-BF0N-11	
2 Light	AC/DC 24V	30V 10W	MOD57-BD0F-21	MOD57-BF0F-21	
	AC 110V	110V 15W	MOD57-BD0M-21	MOD57-BF0M-21	
	AC 220V	220V 15W	MOD57-BD0N-21	MOD57-BF0N-21	
3 Light	AC/DC 24V	30V 10W	MOD57-BD0F-31	MOD57-BF0F-31	
	AC 110V	110V 15W	MOD57-BD0M-31	MOD57-BF0M-31	
	AC 220V	220V 15W	MOD57-BD0N-31	MOD57-BF0N-31	
4 Light	AC/DC 24V	30V 10W	MOD57-BD0F-41	MOD57-BF0F-41	
	AC 110V	110V 15W	MOD57-BD0M-41	MOD57-BF0M-41	
	AC 220V	220V 15W	MOD57-BD0N-41	MOD57-BF0N-41	
5 Light	AC/DC 24V	30V 10W	MOD57-BD0F5-1	MOD57-BF0F5-1	
	AC 110V	110V 15W	MOD57-BD0M5-1	MOD57-BF0M5-1	
	AC 220V	220V 15W	MOD57-BD0N5-1	MOD57-BF0N5-1	

SIGNAL TOWER

MOD57



Optional parts



STZ-014

Optional parts



STZ-013



STZ-016

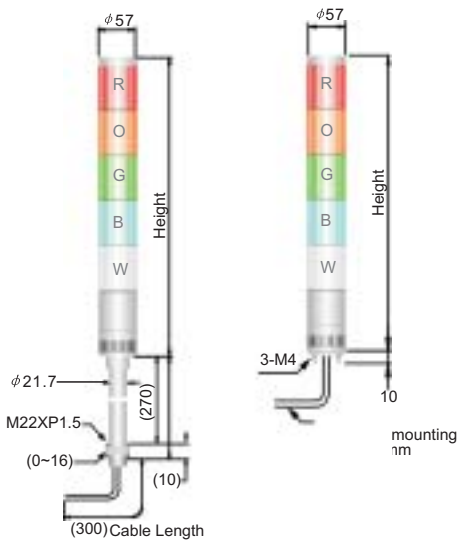


STZ-010



STZ-017

Dimensions

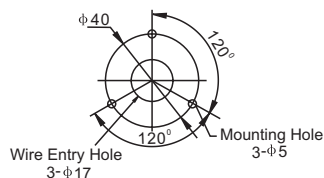


Height (mm)

1Light	257
2Lights	324
3Lights	391
4Lights	458
5Lights	525

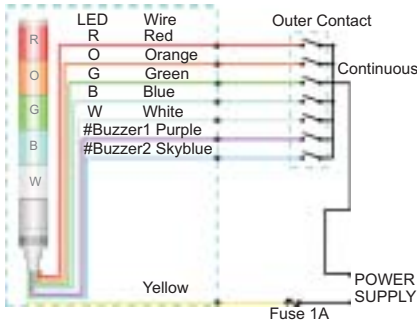
Height (mm)

1Light	249
2Lights	316
3Lights	383
4Lights	450
5Lights	517



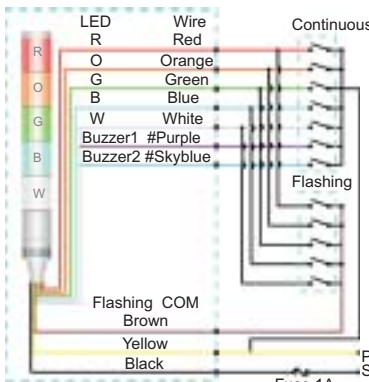
Wiring Diagram In Direct Power Connection

Continuous type AC/DC 12V/24V type



#Purple and Skyblue wire is only for the Model with Buzzer

Flashing type AC/DC 12V/24V type



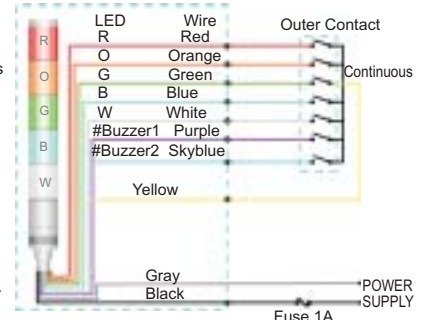
#Brown wire is only for the type of Flashing/continuous.

#Purple and Skyblue wire is only for the Model with Buzzer.

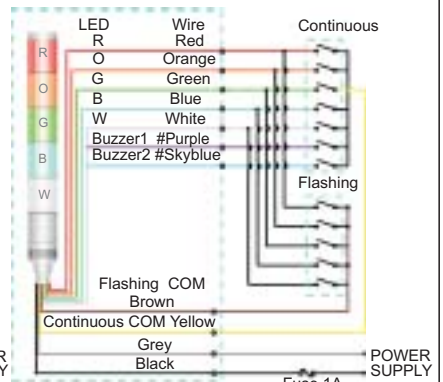
Wire colour

LED Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire
Buzzer1	Purple Wire
Buzzer2	Skyblue Wire

AC 110V/220V type



AC 110V/220V type

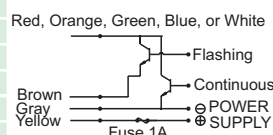


#Brown wire is only for the type of Flashing/Continuous.

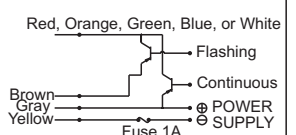
#Purple and Skyblue wire is only for the Model with Buzzer.

Open collector (24V)

DC Type NPN Transistor



PNP transistor



#Five wires (Red, Orange, Green, Blue, White) are connected regardless of the number of LED Unit.

Describing

- Colours: Red, Orange, Super-high-intensity Green, Super-high-intensity Blue, Super-high-intensity White (Combination in photo is standard, for other combinations, please contact us.)
- Lens: Acrylic resin with superior weather resistance and light translucence.
- Our newly developed LED reflection system, improved luminosity and ends the problem of burned out bulbs.
- Thanks to the newly designed structure with independent colour unit, colour combinations can be easily changed.
- The buzzer has 2 different gentle sounds high volume;70-80 dB/m.
- Prism-cut lens disperses the light source, improving visibility.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable controller.(100/220V type NPN only)
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous , Continuous/Flashing, Continuous with warning sound and Continuous/Flashing with warning sound type according to operation methods.
- This series has normal, with pole type according to Distinguish code..
- For details information, please refer to selection guide.
- Vibration Resistance:10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

■ With pole

Style	Rated Voltage	Wattage	Model				Wire type
			Continuous Light	Continuous/Flashing Light	Continuous Light With Warning Sound	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 12V	1.5W	MOD57-LA1C-11	MOD57-LC1C-11	MOD57-LD1C-11	MOD57-LF1C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V		MOD57-LA1F-11	MOD57-LC1F-11	MOD57-LD1F-11	MOD57-LF1F-11	
	AC 110V	3.0W	MOD57-LA1M-11	MOD57-LC1M-11	MOD57-LD1M-11	MOD57-LF1M-11	
	AC 220V	3.5W	MOD57-LA1N-11	MOD57-LC1N-11	MOD57-LD1N-11	MOD57-LF1N-11	
2 Light	AC/DC 12V	2.5W	MOD57-LA1C-21	MOD57-LC1C-21	MOD57-LD1C-21	MOD57-LF1C-21	
	AC/DC 24V		MOD57-LA1F-21	MOD57-LC1F-21	MOD57-LD1F-21	MOD57-LF1F-21	
	AC 110V	5.0W	MOD57-LA1M-21	MOD57-LC1M-21	MOD57-LD1M-21	MOD57-LF1M-21	
	AC 220V	5.5W	MOD57-LA1N-21	MOD57-LC1N-21	MOD57-LD1N-21	MOD57-LF1N-21	
3 Light	AC/DC 12V	3.5W	MOD57-LA1C-31	MOD57-LC1C-31	MOD57-LD1C-31	MOD57-LF1C-31	
	AC/DC 24V		MOD57-LA1F-31	MOD57-LC1F-31	MOD57-LD1F-31	MOD57-LF1F-31	
	AC 110V	6.5W	MOD57-LA1M-31	MOD57-LC1M-31	MOD57-LD1M-31	MOD57-LF1M-31	
	AC 220V	7.0W	MOD57-LA1N-31	MOD57-LC1N-31	MOD57-LD1N-31	MOD57-LF1N-31	
4 Light	AC/DC 12V	4.5W	MOD57-LA1C-41	MOD57-LC1C-41	MOD57-LD1C-41	MOD57-LF1C-41	
	AC/DC 24V		MOD57-LA1F-41	MOD57-LC1F-41	MOD57-LD1F-41	MOD57-LF1F-41	
	AC 110V	7.5W	MOD57-LA1M-41	MOD57-LC1M-41	MOD57-LD1M-41	MOD57-LF1M-41	
	AC 220V	8.5W	MOD57-LA1N-41	MOD57-LC1N-41	MOD57-LD1N-41	MOD57-LF1N-41	
5 Light	AC/DC 12V	5.5W	MOD57-LA1C-51	MOD57-LC1C-51	MOD57-LD1C-51	MOD57-LF1C-51	
	AC/DC 24V		MOD57-LA1F-51	MOD57-LC1F-51	MOD57-LD1F-51	MOD57-LF1F-51	
	AC 110V	8.5W	MOD57-LA1M-51	MOD57-LC1M-51	MOD57-LD1M-51	MOD57-LF1M-51	
	AC 220V	10.0W	MOD57-LA1N-51	MOD57-LC1N-51	MOD57-LD1N-51	MOD57-LF1N-51	

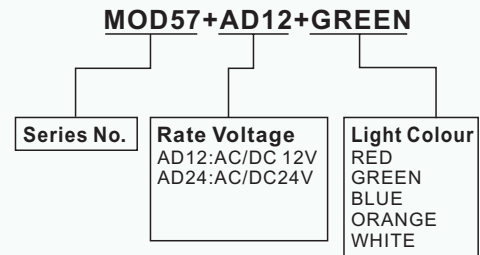
■ Without pole

Style	Rated Voltage	Wattage	Model				Wire type
			Continuous Light	Continuous/Flashing Light	Continuous Light With Warning Sound	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 12V	1.5W	MOD57-LA0C-11	MOD57-LC0C-11	MOD57-LD0C-11	MOD57-LF0C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V		MOD57-LA0F-11	MOD57-LC0F-11	MOD57-LD0F-11	MOD57-LF0F-11	
	AC 110V	3.0W	MOD57-LA0M-11	MOD57-LC0M-11	MOD57-LD0M-11	MOD57-LF0M-11	
	AC 220V	3.5W	MOD57-LA0N-11	MOD57-LC0N-11	MOD57-LD0N-11	MOD57-LF0N-11	
2 Light	AC/DC 12V	2.5W	MOD57-LA0C-21	MOD57-LC0C-21	MOD57-LD0C-21	MOD57-LF0C-21	
	AC/DC 24V		MOD57-LA0F-21	MOD57-LC0F-21	MOD57-LD0F-21	MOD57-LF0F-21	
	AC 110V	5.0W	MOD57-LA0M-21	MOD57-LC0M-21	MOD57-LD0M-21	MOD57-LF0M-21	
	AC 220V	5.5W	MOD57-LA0N-21	MOD57-LC0N-21	MOD57-LD0N-21	MOD57-LF0N-21	
3 Light	AC/DC 12V	3.5W	MOD57-LA0C-31	MOD57-LC0C-31	MOD57-LD0C-31	MOD57-LF0C-31	
	AC/DC 24V		MOD57-LA0F-31	MOD57-LC0F-31	MOD57-LD0F-31	MOD57-LF0F-31	
	AC 110V	6.5W	MOD57-LA0M-31	MOD57-LC0M-31	MOD57-LD0M-31	MOD57-LF0M-31	
	AC 220V	7.0W	MOD57-LA0N-31	MOD57-LC0N-31	MOD57-LD0N-31	MOD57-LF0N-31	
4 Light	AC/DC 12V	4.5W	MOD57-LA0C-41	MOD57-LC0C-41	MOD57-LD0C-41	MOD57-LF0C-41	
	AC/DC 24V		MOD57-LA0F-41	MOD57-LC0F-41	MOD57-LD0F-41	MOD57-LF0F-41	
	AC 110V	7.5W	MOD57-LA0M-41	MOD57-LC0M-41	MOD57-LD0M-41	MOD57-LF0M-41	
	AC 220V	8.5W	MOD57-LA0N-41	MOD57-LC0N-41	MOD57-LD0N-41	MOD57-LF0N-41	
5 Light	AC/DC 12V	5.5W	MOD57-LA0C-51	MOD57-LC0C-51	MOD57-LD0C-51	MOD57-LF0C-51	
	AC/DC 24V		MOD57-LA0F-51	MOD57-LC0F-51	MOD57-LD0F-51	MOD57-LF0F-51	
	AC 110V	8.5W	MOD57-LA0M-51	MOD57-LC0M-51	MOD57-LD0M-51	MOD57-LF0M-51	
	AC 220V	10.0W	MOD57-LA0N-51	MOD57-LC0N-51	MOD57-LD0N-51	MOD57-LF0N-51	

SIGNAL TOWER

Semi-manufactured goods order guide

Light Units Order



Note: 1. AD12 Light units only for the 12V power supply.
2. AD24 light units can be used in every voltage type, except 12V power supply.

Top Cap Order

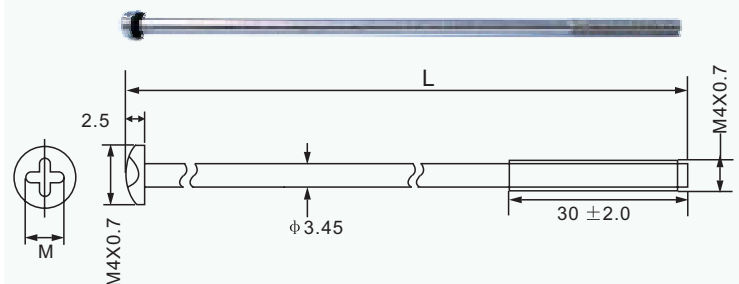


Main Body Order

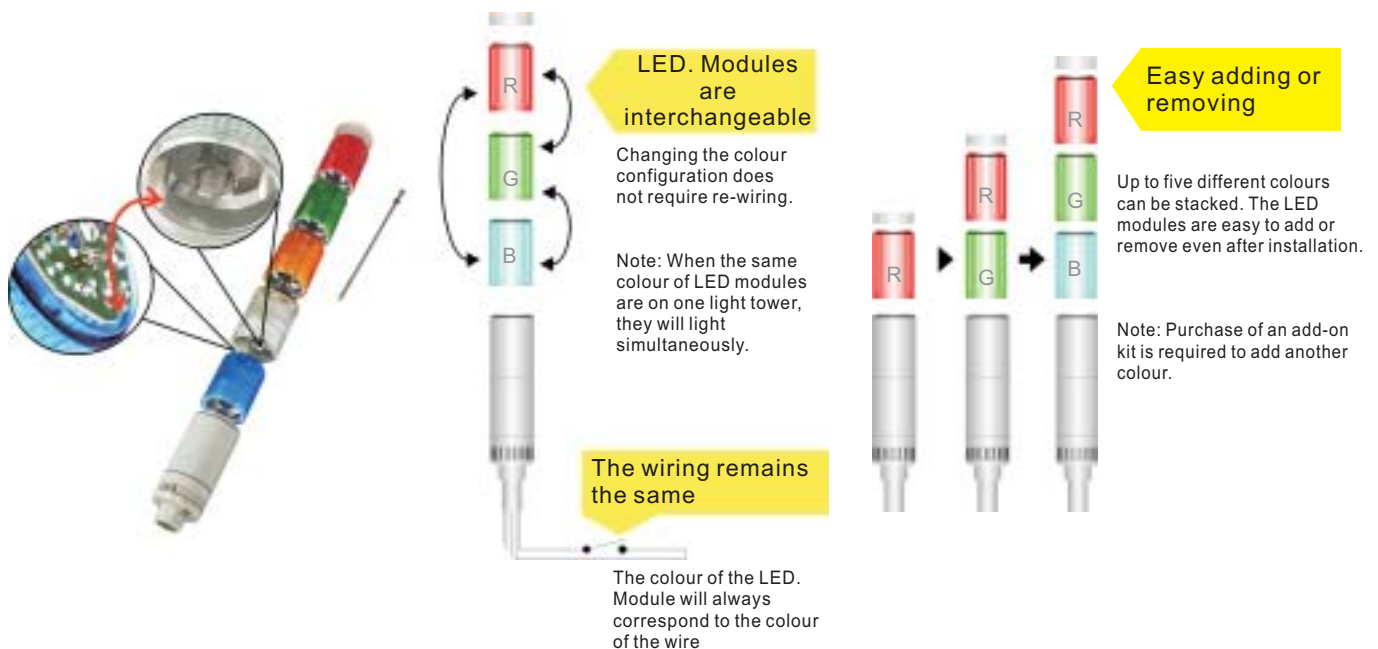


Long Screw Order

Layer	Length(mm)	P/N
1	90	MOD57+S1
2	156	MOD57+S2
3	222	MOD57+S3
4	288	MOD57+S4
5	354	MOD57+S5



Assemble Guide



MOD70



NPN/PNP
IP54

Vibration
Proof



Optional parts



STZ-50L

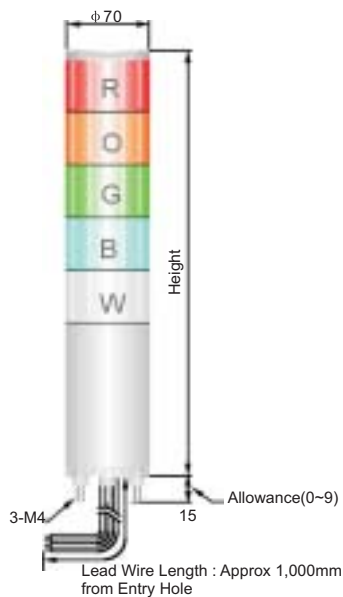


STZ-50T



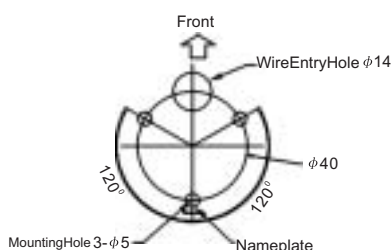
STZ-017

Dimensions



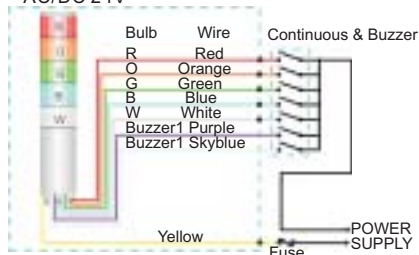
Height (mm)

1Light	: 221
2Lights	: 252
3Lights	: 294
4Lights	: 335
5Lights	: 376

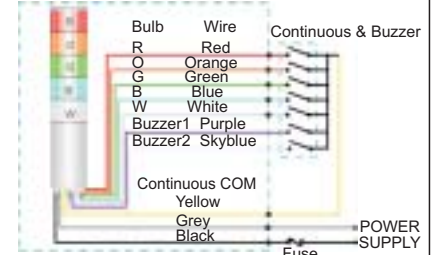


Wiring Diagram In Direct Power Connection

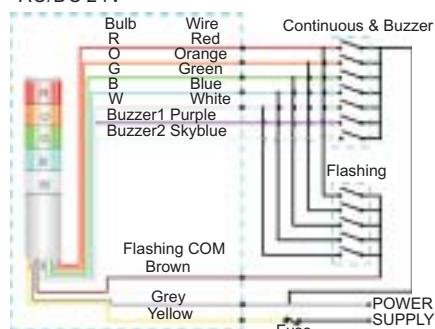
Continuous type AC/DC 24V



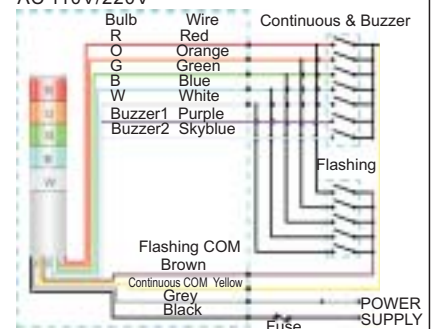
Continuous type AC 110V/220V



Flashing type AC/DC 24V



Flashing type AC 110V/220V

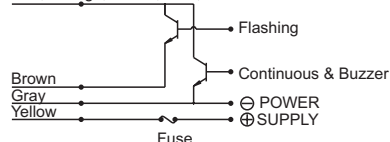


Wire colour

Bulb Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire

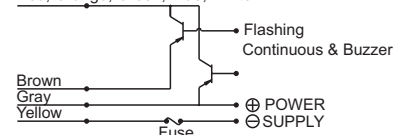
Open collector (24V)

NPN transistor
Red, Orange, Green, Blue, White



PNP transistor

Red, Orange, Green, Blue, White



SIGNAL TOWER

Describing

- Colours: Red, Orange, Green, Blue, Clear(combination in photo is standard; for other combinations, please contact us)
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- Unique vibration absorbing structure and newly developed vibration resistant bulb help to reduce vibration and impact from all machineries and greatly extend bulb life.
- Bayonet base bulb not to be loosen by vibration.
- Newly developed prism cut lens offers the brightest light available and improved the visibility from all directions.
- Meets IP-54 for wash-down requirements.
- The buzzer has 2 different gentle sounds high volume; 80dB/m
- Snap-in connectors make the unit easily detachable.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable Controller. (24V type only)
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous, Continuous/Flashing, Continuous with warning sound and Continuous/Flashing with warning sound type according to operation methods.
- This series has normal, with pole type according to Distinguish code.
- For details information, please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration (approx. 50G) in Y direction for three times.

Type

■ With pole

Style	Rated Voltage	Bulb	Model				Wire type
			Continuous Light	Continuous / Flashing Light	Continuous Light With Warning Sound	Continuous / Flashing Light With Warning Sound	
1 Light	AC/DC 24V	28V 11W	MOD70-BA1F-11	MOD70-BC1F-11	MOD70-BD1F-11	MOD70-BF1F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	110V 12W	MOD70-BA1M-11	MOD70-BC1M-11	MOD70-BD1M-11	MOD70-BF1M-11	
	AC 220V	250V 11W	MOD70-BA1N-11	MOD70-BC1N-11	MOD70-BD1N-11	MOD70-BF1N-11	
2 Light	AC/DC 24V	28V 11W	MOD70-BA1F-21	MOD70-BC1F-21	MOD70-BD1F-21	MOD70-BF1F-21	
	AC 110V	110V 12W	MOD70-BA1M-21	MOD70-BC1M-21	MOD70-BD1M-21	MOD70-BF1M-21	
	AC 220V	250V 11W	MOD70-BA1N-21	MOD70-BC1N-21	MOD70-BD1N-21	MOD70-BF1N-21	
3 Light	AC/DC 24V	28V 11W	MOD70-BA1F-31	MOD70-BC1F-31	MOD70-BD1F-31	MOD70-BF1F-31	
	AC 110V	110V 12W	MOD70-BA1M-31	MOD70-BC1M-31	MOD70-BD1M-31	MOD70-BF1M-31	
	AC 220V	250V 11W	MOD70-BA1N-31	MOD70-BC1N-31	MOD70-BD1N-31	MOD70-BF1N-31	
4 Light	AC/DC 24V	28V 11W	MOD70-BA1F-41	MOD70-BC1F-41	MOD70-BD1F-41	MOD70-BF1F-41	
	AC 110V	110V 12W	MOD70-BA1M-41	MOD70-BC1M-41	MOD70-BD1M-41	MOD70-BF1M-41	
	AC 220V	250V 11W	MOD70-BA1N-41	MOD70-BC1N-41	MOD70-BD1N-41	MOD70-BF1N-41	
5 Light	AC/DC 24V	28V 11W	MOD70-BA1F-51	MOD70-BC1F-51	MOD70-BD1F-51	MOD70-BF1F-51	
	AC 110V	110V 12W	MOD70-BA1M-51	MOD70-BC1M-51	MOD70-BD1M-51	MOD70-BF1M-51	
	AC 220V	220V 15W	MOD70-BA1N-51	MOD70-BC1N-51	MOD70-BD1N-51	MOD70-BF1N-51	

■ Without pole

Style	Rated Voltage	Bulb	Model				Wire type
			Continuous Light	Continuous / Flashing Light	Continuous Light With Warning Sound	Continuous / Flashing Light With Warning Sound	
1 Light	AC/DC 24V	28V 11W	MOD70-BA0F-11	MOD70-BC0F-11	MOD70-BD0F-11	MOD70-BF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	110V 12W	MOD70-BA0M-11	MOD70-BC0M-11	MOD70-BD0M-11	MOD70-BF0M-11	
	AC 220V	250V 11W	MOD70-BA0N-11	MOD70-BC0N-11	MOD70-BD0N-11	MOD70-BF0N-11	
2 Light	AC/DC 24V	28V 11W	MOD70-BA0F-21	MOD70-BC0F-21	MOD70-BD0F-21	MOD70-BF0F-21	
	AC 110V	110V 12W	MOD70-BA0M-21	MOD70-BC0M-21	MOD70-BD0M-21	MOD70-BF0M-21	
	AC 220V	250V 11W	MOD70-BA0N-21	MOD70-BC0N-21	MOD70-BD0N-21	MOD70-BF0N-21	
3 Light	AC/DC 24V	28V 11W	MOD70-BA0F-31	MOD70-BC0F-31	MOD70-BD0F-31	MOD70-BF0F-31	
	AC 110V	110V 12W	MOD70-BA0M-31	MOD70-BC0M-31	MOD70-BD0M-31	MOD70-BF0M-31	
	AC 220V	250V 11W	MOD70-BA0N-31	MOD70-BC0N-31	MOD70-BD0N-31	MOD70-BF0N-31	
4 Light	AC/DC 24V	28V 11W	MOD70-BA0F-41	MOD70-BC0F-41	MOD70-BD0F-41	MOD70-BF0F-41	
	AC 110V	110V 12W	MOD70-BA0M-41	MOD70-BC0M-41	MOD70-BD0M-41	MOD70-BF0M-41	
	AC 220V	250V 11W	MOD70-BA0N-41	MOD70-BC0N-41	MOD70-BD0N-41	MOD70-BF0N-41	
5 Light	AC/DC 24V	28V 11W	MOD70-BA0F-51	MOD70-BC0F-51	MOD70-BD0F-51	MOD70-BF0F-51	
	AC 110V	110V 12W	MOD70-BA0M-51	MOD70-BC0M-51	MOD70-BD0M-51	MOD70-BF0M-51	
	AC 220V	220V 15W	MOD70-BA0N-51	MOD70-BC0N-51	MOD70-BD0N-51	MOD70-BF0N-51	

MOD70



NPN/PNP
IP65



Optional parts



STZ-50L

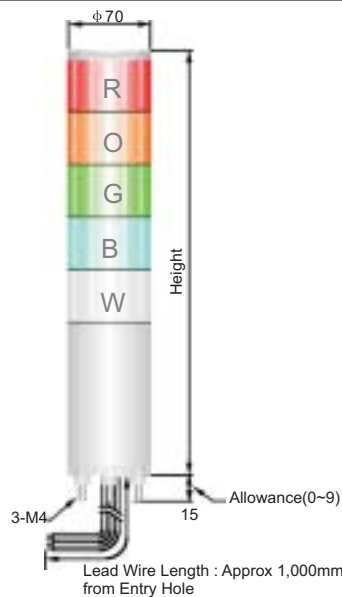


STZ-50T



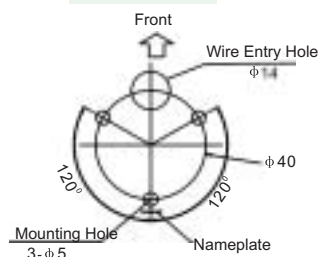
STZ-017

Dimensions



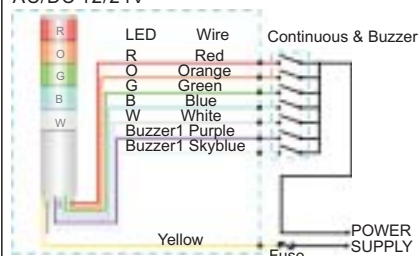
Height (mm)

1Light	: 221
2Lights	: 252
3Lights	: 294
4Lights	: 335
5Lights	: 376

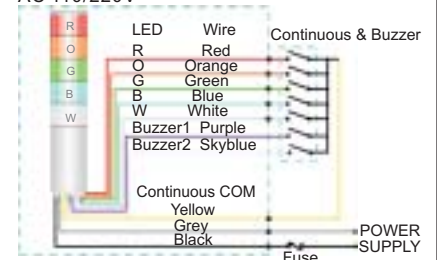


Wiring Diagram in Direct Power Connection

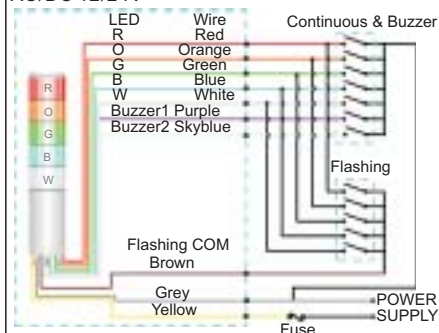
Continuous type AC/DC 12/24V



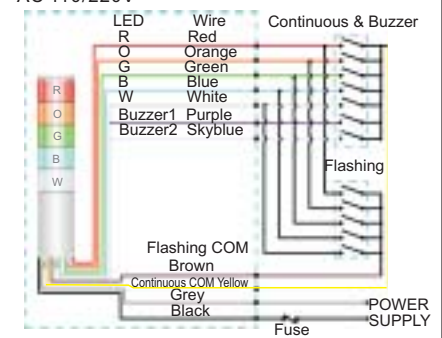
Continuous type AC 110/220V



Flashing type AC/DC 12/24V



Flashing type AC 110/220V



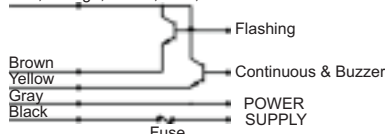
Wire colour

LED Unit Colour	Wire Colour
Red Unit	Red Wire
Orange Unit	Orange Wire
Green Unit	Green Wire
Blue Unit	Blue Wire
White Unit	White Wire

AC100/220V

NPN transistor

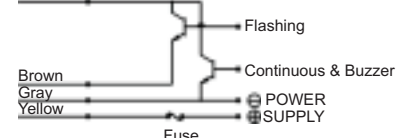
Red, Orange, Green, Blue, White



Open collector (24V)

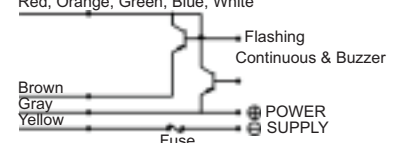
NPN transistor

Red, Orange, Green, Blue, White



PNP transistor

Red, Orange, Green, Blue, White



SIGNAL TOWER

Describing

- Colours: Super-high-intensity Red, Super-high-intensity Orange, Super-high-intensity Green, Super-high-intensity Blue, Super-high-intensity White(combination in photo is standard, for other Combinations, please contact us.
- Lens: Acrylic resin with superior weather resistance and light translucence.
- Thanks to the use of LEDs, there is no need to replace burned out bulbs.
- Our newly developed LED reflection system, improved luminosity and ends the problem of burned out bulbs.
- Because of the unified structure, the colour combinations can be easily changed.
- Meets IP-65 for wash-down requirements.
- The buzzer has 2 different gentle sounds high volume; 70~90dB/m.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable Controller.(100V/220V type NPN only)
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous, Continuous/Flashing, Continuous with warning sound and Continuous/Flashing type according to operation methods.
- This series has normal, with pole type according to Distinguish code.
- For details information, please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency,0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

With pole

Style	Rated Voltage	Wattage	Model				Wire type
			Continuous Light	Continuous/Flashing Light	Continuous Light With Warning Sound	Continuous /Flashing Light With Warning Sound	
1 Light	AC/DC 12V	1.2W	MOD70-LA1C-11	MOD70-LC1C-11	MOD70-LD1C-11	MOD70-LF1C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V		MOD70-LA1F-11	MOD70-LC1F-11	MOD70-LD1F-11	MOD70-LF1F-11	
	AC 110V	3.5W	MOD70-LA1M-11	MOD70-LC1M-11	MOD70-LD1M-11	MOD70-LF1M-11	
	AC 220V		MOD70-LA1N-11	MOD70-LC1N-11	MOD70-LD1N-11	MOD70-LF1N-11	
2 Light	AC/DC 12V	2.4W	MOD70-LA1C-21	MOD70-LC1C-21	MOD70-LD1C-21	MOD70-LF1C-21	
	AC/DC 24V		MOD70-LA1F-21	MOD70-LC1F-21	MOD70-LD1F-21	MOD70-LF1F-21	
	AC 110V	5.2W	MOD70-LA1M-21	MOD70-LC1M-21	MOD70-LD1M-21	MOD70-LF1M-21	
	AC 220V		MOD70-LA1N-21	MOD70-LC1N-21	MOD70-LD1N-21	MOD70-LF1N-21	
3 Light	AC/DC 12V	3.6W	MOD70-LA1C-31	MOD70-LC1C-31	MOD70-LD1C-31	MOD70-LF1C-31	
	AC/DC 24V		MOD70-LA1F-31	MOD70-LC1F-31	MOD70-LD1F-31	MOD70-LF1F-31	
	AC 110V	7.2W	MOD70-LA1M-31	MOD70-LC1M-31	MOD70-LD1M-31	MOD70-LF1M-31	
	AC 220V		MOD70-LA1N-31	MOD70-LC1N-31	MOD70-LD1N-31	MOD70-LF1N-31	
4 Light	AC/DC 12V	4.8W	MOD70-LA1C-41	MOD70-LC1C-41	MOD70-LD1C-41	MOD70-LF1C-41	
	AC/DC 24V		MOD70-LA1F-41	MOD70-LC1F-41	MOD70-LD1F-41	MOD70-LF1F-41	
	AC 110V	8.7W	MOD70-LA1M-41	MOD70-LC1M-41	MOD70-LD1M-41	MOD70-LF1M-41	
	AC 220V		MOD70-LA1N-41	MOD70-LC1N-41	MOD70-LD1N-41	MOD70-LF1N-41	
5 Light	AC/DC 12V	6.0W	MOD70-LA1C-51	MOD70-LC1C-51	MOD70-LD1C-51	MOD70-LF1C-51	
	AC/DC 24V		MOD70-LA1F-51	MOD70-LC1F-51	MOD70-LD1F-51	MOD70-LF1F-51	
	AC 110V	10.5W	MOD70-LA1M-51	MOD70-LC1M-51	MOD70-LD1M-51	MOD70-LF1M-51	
	AC 220V		MOD70-LA1N-51	MOD70-LC1N-51	MOD70-LD1N-51	MOD70-LF1N-51	

Without pole

Style	Rated Voltage	Wattage	Model				Wire type
			Continuous Light	Continuous/Flashing Light	Continuous Light With Warning Sound	Continuous /Flashing Light With Warning Sound	
1 Light	AC/DC 12V	1.2W	MOD70-LA0C-11	MOD70-LC0C-11	MOD70-LD0C-11	MOD70-LF0C-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC/DC 24V		MOD70-LA0F-11	MOD70-LC0F-11	MOD70-LD0F-11	MOD70-LF0F-11	
	AC 110V	3.5W	MOD70-LA0M-11	MOD70-LC0M-11	MOD70-LD0M-11	MOD70-LF0M-11	
	AC 220V		MOD70-LA0N-11	MOD70-LC0N-11	MOD70-LD0N-11	MOD70-LF0N-11	
2 Light	AC/DC 12V	2.4W	MOD70-LA0C-21	MOD70-LC0C-21	MOD70-LD0C-21	MOD70-LF0C-21	
	AC/DC 24V		MOD70-LA0F-21	MOD70-LC0F-21	MOD70-LD0F-21	MOD70-LF0F-21	
	AC 110V	5.2W	MOD70-LA0M-21	MOD70-LC0M-21	MOD70-LD0M-21	MOD70-LF0M-21	
	AC 220V		MOD70-LA0N-21	MOD70-LC0N-21	MOD70-LD0N-21	MOD70-LF0N-21	
3 Light	AC/DC 12V	3.6W	MOD70-LA0C-31	MOD70-LC0C-31	MOD70-LD0C-31	MOD70-LF0C-31	
	AC/DC 24V		MOD70-LA0F-31	MOD70-LC0F-31	MOD70-LD0F-31	MOD70-LF0F-31	
	AC 110V	7.2W	MOD70-LA0M-31	MOD70-LC0M-31	MOD70-LD0M-31	MOD70-LF0M-31	
	AC 220V		MOD70-LA0N-31	MOD70-LC0N-31	MOD70-LD0N-31	MOD70-LF0N-31	
4 Light	AC/DC 12V	4.8W	MOD70-LA0C-41	MOD70-LC0C-41	MOD70-LD0C-41	MOD70-LF0C-41	
	AC/DC 24V		MOD70-LA0F-41	MOD70-LC0F-41	MOD70-LD0F-41	MOD70-LF0F-41	
	AC 110V	8.7W	MOD70-LA0M-41	MOD70-LC0M-41	MOD70-LD0M-41	MOD70-LF0M-41	
	AC 220V		MOD70-LA0N-41	MOD70-LC0N-41	MOD70-LD0N-41	MOD70-LF0N-41	
5 Light	AC/DC 12V	6.0W	MOD70-LA0C-51	MOD70-LC0C-51	MOD70-LD0C-51	MOD70-LF0C-51	
	AC/DC 24V		MOD70-LA0F-51	MOD70-LC0F-51	MOD70-LD0F-51	MOD70-LF0F-51	
	AC 110V	10.5W	MOD70-LA0M-51	MOD70-LC0M-51	MOD70-LD0M-51	MOD70-LF0M-51	
	AC 220V		MOD70-LA0N-51	MOD70-LC0N-51	MOD70-LD0N-51	MOD70-LF0N-51	

Semi-manufactured goods order guide

Light Units Order



MOD70+AD24+BLUE



MOD70+AD24+WHITE



MOD70+AD24+GREEN



MOD70+AD24+ORANGE



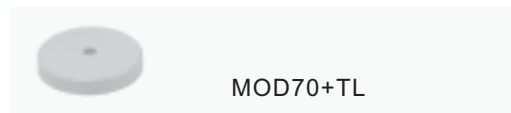
MOD70+AD24+RED

MOD70+AD12+GREEN

Series No.	Rate Voltage AD12:AC/DC 12V AD24:AC/DC24V	Light Colour RED GREEN BLUE ORANGE WHITE
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Note: 1. AD12 Light units only for the 12V power supply.
2. AD24 light units can be used in every voltage type, except 12V power supply.

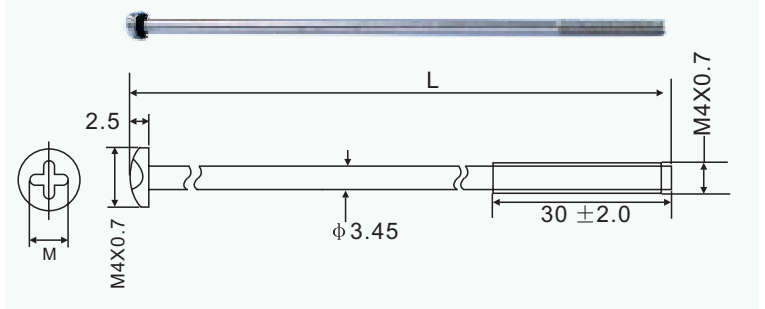
Top Cap Order



Long Screw Order

Layer	Length(mm)	Model
1	59	MOD70+S1
2	101	MOD70+S2
3	142	MOD70+S3
4	183	MOD70+S4
5	225	MOD70+S5

Main Body Order



Assemble Guide



LED Modules are interchangeable

Changing the colour configuration does not require re-wiring.

Note: When the same colour of LED modules are on one light tower, they will light simultaneously.

The colour of the LED Module will always correspond to the colour of the wire

The wiring remains the same



Easy adding or removing

Up to five different colours can be stacked. The LED Modules are easy to add or remove even after installation.

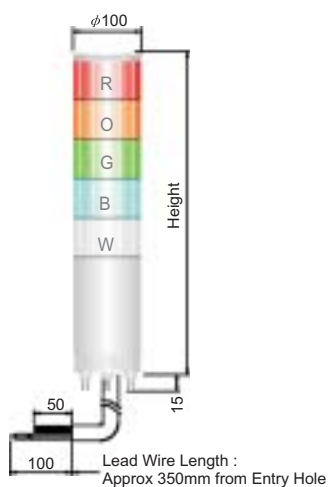
Note: Purchase of an add-on kit is required to add another colour.

SIGNAL TOWER

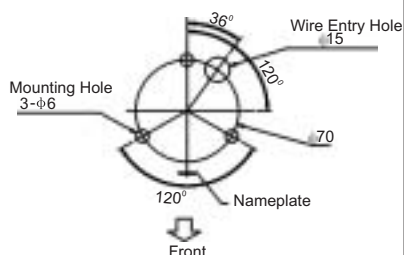
MOD100



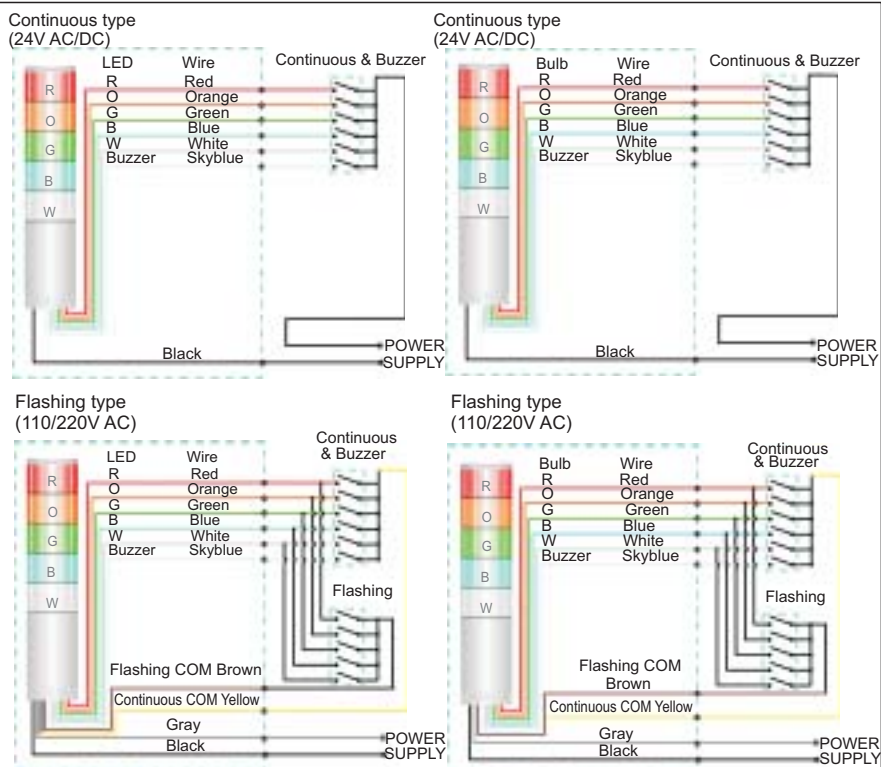
Dimensions



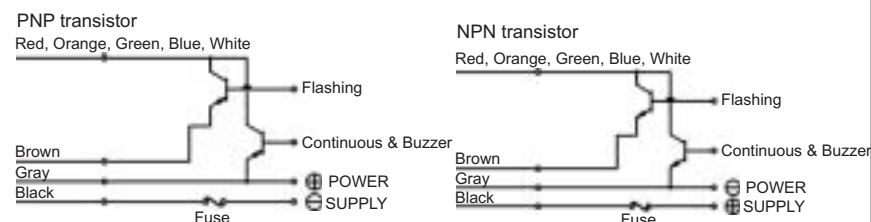
Height (mm)
1Light : 224
2Lights : 305.5
3Lights : 367
4Lights : 3428.5
5Lights : 490



Wiring Diagram In Direct Power Connection



Open collector (24VDC NPN/PNP)



Describing

- Colours(LED type): Super-high-intensity for Red, Orange, Green, Blue, White(Combination in photo is standard, for other combinations, please contact us)
- Colours(Bulb type): Red, Orange, Green, Blue, White (combination in photo is standard; for other combinations, please contact us).
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- Large prism cut lens (ϕ 100x60mm) improves the visibility from all direction, especially from below to fit to large equipment.
- Newly developed triple-reference system ensures high visibility with LED unit of 32 LEDs (Blue, White 16 LEDs) and low power consumption.
- Meets IP-54 for wash-down requirements.
- LED unit and incandescent unit can be combined (24V only), but same colour units can not be combined at the same time.
- High power sound volume; MAX 85dB.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to
- Programmable Controller.(24V only)
- This series has Continuous, Continuous/Flashing with warning sound type according to operation methods.
- For details information, please refer to selection guide.
- Vibration Resistance: 10~55HZ Frequency,0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

LED type

Style	Rated Voltage	Wattage	Model		Wire type
			Continuous Light	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	2W	MOD100-LA0F-11	MOD100-LF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V		MOD100-LA0M-11	MOD100-LF0M-11	
	AC 220V		MOD100-LA0N-11	MOD100-LF0N-11	
2 Light	AC/DC 24V	4W	MOD100-LA0F-21	MOD100-LF0F-21	
	AC 110V		MOD100-LA0M-21	MOD100-LF0M-21	
	AC 220V		MOD100-LA0N-21	MOD100-LF0N-21	
3 Light	AC/DC 24V	6W	MOD100-LA0F-31	MOD100-LF0F-31	
	AC 110V		MOD100-LA0M-31	MOD100-LF0M-31	
	AC 220V		MOD100-LA0N-31	MOD100-LF0N-31	
4 Light	AC/DC 24V	8W	MOD100-LA0F-41	MOD100-LF0F-41	
	AC 110V		MOD100-LA0M-41	MOD100-LF0M-41	
	AC 220V		MOD100-LA0N-41	MOD100-LF0N-41	
5 Light	AC/DC 24V	10W	MOD100-LA0F-51	MOD100-LF0F-51	
	AC 110V		MOD100-LA0M-51	MOD100-LF0M-51	
	AC 220V		MOD100-LA0N-51	MOD100-LF0N-51	

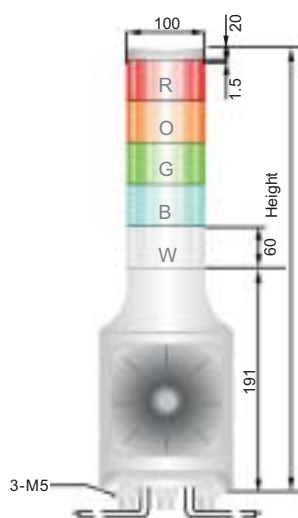
Bulb type

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	20W/per	MOD100-BA0F-11	MOD100-BF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V		MOD100-BA0M-11	MOD100-BF0M-11	
	AC 220V		MOD100-BA0N-11	MOD100-BF0N-11	
2 Light	AC/DC 24V	20W/per	MOD100-BA0F-21	MOD100-BF0F-21	
	AC 110V		MOD100-BA0M-21	MOD100-BF0M-21	
	AC 220V		MOD100-BA0N-21	MOD100-BF0N-21	
3 Light	AC/DC 24V	20W/per	MOD100-BA0F-31	MOD100-BF0F-31	
	AC 110V		MOD100-BA0M-31	MOD100-BF0M-31	
	AC 220V		MOD100-BA0N-31	MOD100-BF0N-31	
4 Light	AC/DC 24V	20W/per	MOD100-BA0F-41	MOD100-BF0F-41	
	AC 110V		MOD100-BA0M-41	MOD100-BF0M-41	
	AC 220V		MOD100-BA0N-41	MOD100-BF0N-41	
5 Light	AC/DC 24V	20W/per	MOD100-BA0F-51	MOD100-BF0F-51	
	AC 110V		MOD100-BA0M-51	MOD100-BF0M-51	
	AC 220V		MOD100-BA0N-51	MOD100-BF0N-51	

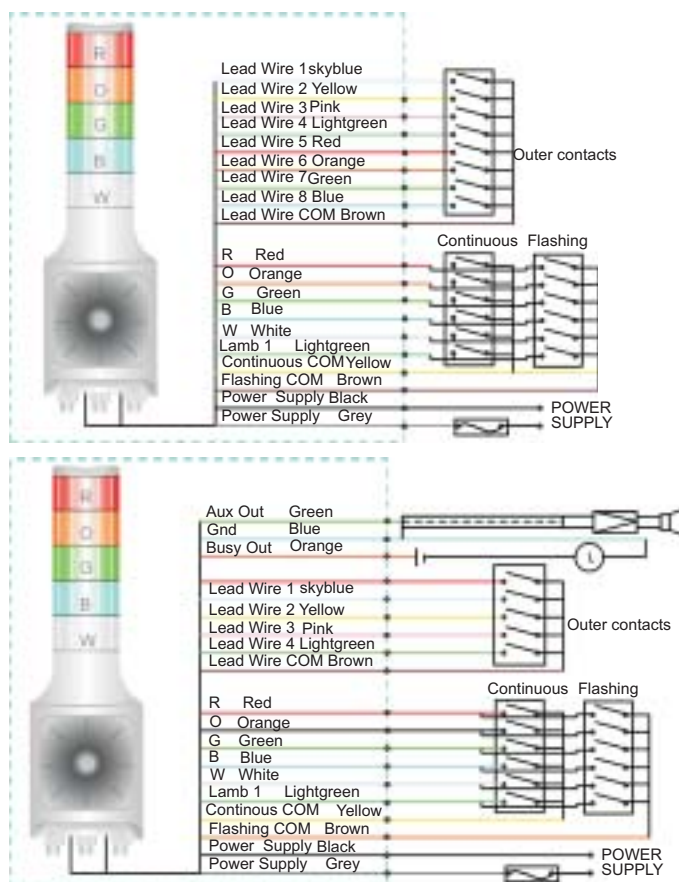
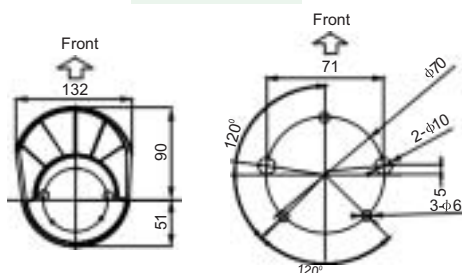
MSD100



Wiring Diagram In Direct Power Connection



1Light	: 274
2Lights	: 336
3Lights	: 397
4Lights	: 459
5Lights	: 520



Continuous COM
Yellow
Flashing COM Brown
Black
Gray

Continuous COM
Yellow

Describing

- Colours: Red, Orange, Green, Blue, White (combination in photo is standard; for other combinations, please contact us).
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- High power sound volume; Max 102dB/m (level can be adjusted)
- Large prism cut lens (ϕ 100x60mm) improves the visibility from all direction , especially from be-low to fit to large equipment.
- Both Continuous and flashing lights are available.
- LED unit, xenon bulb unit and incandescent unit can be combined (24V only), but same colour units Can not be combined at the same time.
- Meets IP-54 for wash-down requirements.
- Because of the unified structure, the colour combinations can be easily changed.
- Unique vibration absorbing structure and vibration resistant bulb help to reduce vibration and impact from all machinerics and greatly extend bulb life.
- Bayonet base bulb not to be loosen by vibration.
- Contains open-collector type NPN, PNP transistor. (24V only).
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration (approx. 50G) in Y direction for three times.

Type

■ Bulb type

Style	Rated Voltage	Wattage	Model	Wire type
			Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	28(32)W	MSD100-BF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	29W	MSD100-BF0M-11	
	AC 220V		MSD100-BF0N-11	
2 Light	AC/DC 24V	48(52)W	MSD100-BF0F-21	
	AC 110V	49W	MSD100-BF0M-21	
	AC 220V		MSD100-BF0N-21	
3 Light	AC/DC 24V	68(72)W	MSD100-BF0F-31	
	AC 110V	69W	MSD100-BF0M-31	
	AC 220V		MSD100-BF0N-31	
4 Light	AC/DC 24V	88(92)W	MSD100-BF0F-41	
	AC 110V	89W	MSD100-BF0M-41	
	AC 220V		MSD100-BF0N-41	
5 Light	AC/DC 24V	108(112)W	MSD100-BF0F-51	
	AC 110V	109W	MSD100-BF0M-51	
	AC 220V		MSD100-BF0N-51	

SIGNAL TOWER

MSD100

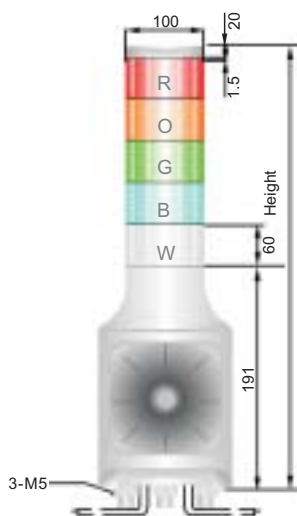


NPN/PNP

IP53

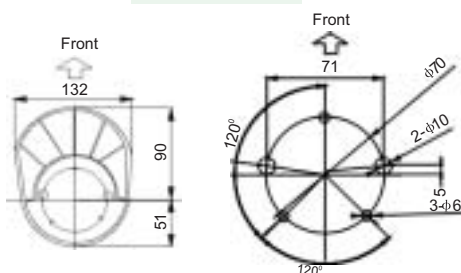


Dimensions

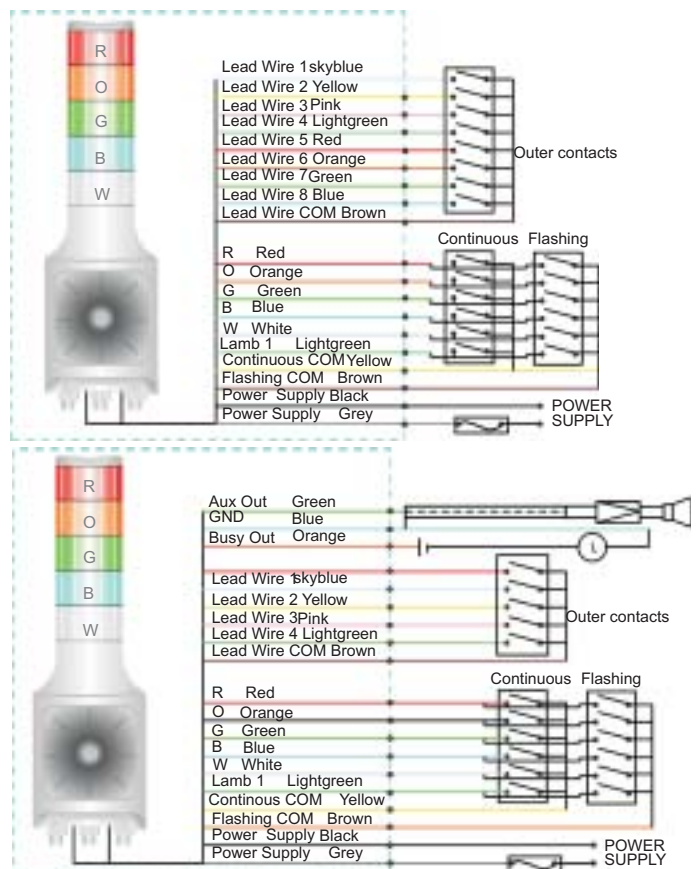


Height (mm)

- 1Light : 274
- 2Lights : 336
- 3Lights : 397
- 4Lights : 459
- 5Lights : 520

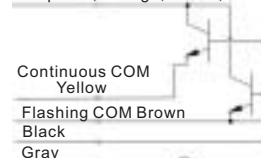


Wiring Diagram In Direct Power Connection

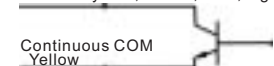


NPN transistor

Lamp Red, Orange, Green, Blue, Light green



Sound Skyblue, Yellow, Pink, Light green



Describing

- Colours: Super-high-intensity Red, Super-high-intensity Orange, Super-high-intensity Green, Super -high-intensity Blue, Super-high-intensity White(combination in photo is standard, for other Combinations, please contact us.)
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- High power sound volume; Max 102dB/m
- Triple-reference system ensures high visibility and low power consumption.
- Both Continuous and flashing lights are available.
- LED unit and incandescent unit can be combined (24V only), but same colour units can not be combined at the same time.
- Meets IP-54 for wash-down requirements.
- Because of the unified structure, the colour combinations can be easily changed.
- Contains open-collector type NPN, PNP transistor.(24V type only)
- Vibration Resistance:10~55HZ Frequency,0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

■ LED type

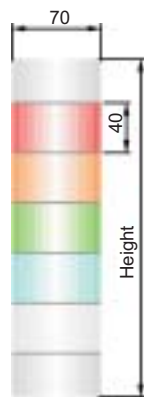
Style	Rated Voltage	Wattage	Model	Wire type
			Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	11(14)W	MSD100-LF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	12W	MSD100-LF0M-11	
	AC 220V		MSD100-LF0N-11	
2 Light	AC/DC 24V	12(16)W	MSD100-LF0F-21	
	AC 110V	15W	MSD100-LF0M-21	
	AC 220V		MSD100-LF0N-21	
3 Light	AC/DC 24V	17(18)W	MSD100-LF0F-31	
	AC 110V	18W	MSD100-LF0M-31	
	AC 220V		MSD100-LF0N-31	
4 Light	AC/DC 24V	20W	MSD100-LF0F-41	
	AC 110V	21W	MSD100-LF0M-41	
	AC 220V		MSD100-LF0N-41	
5 Light	AC/DC 24V	21W	MSD100-LF0F-51	
	AC 110V	24W	MSD100-LF0M-51	
	AC 220V		MSD100-LF0N-51	

SIGNAL TOWER

MCW70

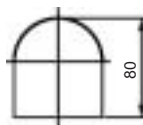


Dimensions

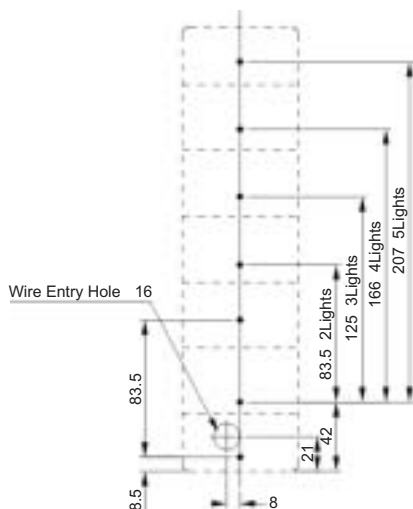


Height (mm)

1Lights :	106
2Lights :	147
3Lights :	188
4Lights :	229
5Lights :	270

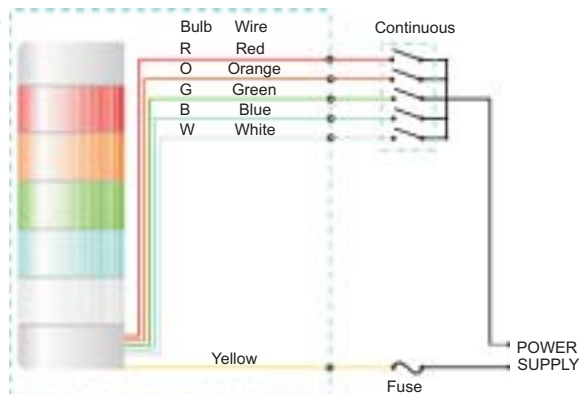


Lead Wire Length :
Approx 1,000mm from Entry Hole

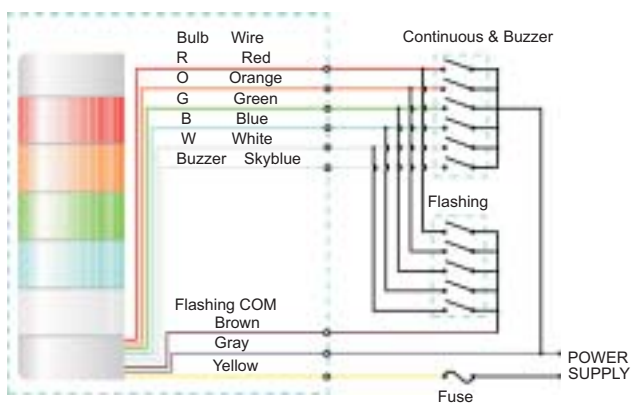


Wiring Diagram In Direct Power Connection

Continuous type

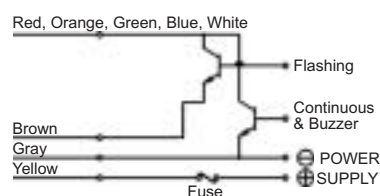


Flashing type

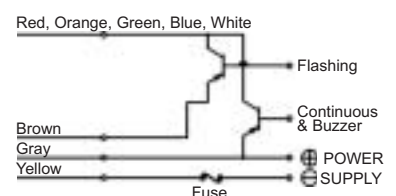


Open collector (DC 24V)

NPN transistor



PNP transistor



Describing

- Colours: Red , Orange, Green, Blue, Clear (combination in photo is standard; for other combinations, please contact us)
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- Unique vibration absorbing structure and newly developed vibration resistant bulb help to reduce vibration and impact from all machineries and greatly extend bulb life.
- Bayonet base bulb not to be loosen by vibration.
- Newly developed prism cut lens offers the brightest light available and improved the visibility from all directions.
- Can be readily mounted vertically or horizontally to either front panel or ceilings.
- Meets IP-54 for wash-down requirements.
- Easy to be mounted by special tool.
- Easy to change bulbs.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable Controller.(24V type only)
- The buzzer has gentle audible alarm high volume; 80dB/m
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous, Continuous/Flashing with warning sound type according to operation methods.
- For details information, please refer to selected guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

■ Bulb type

Style	Rated Voltage	Bulb	Model		Wire type
			Continuous Light	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	28V 11W	MCW70-BA0F-11	MCW70-BF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	110V 12W	MCW70-BA0M-11	MCW70-BF0M-11	
	AC 220V	250V 11W	MCW70-BA0N-11	MCW70-BF0N-11	
2 Light	AC/DC 24V	28V 11W	MCW70-BA0F-21	MCW70-BF0F-21	
	AC 110V	110V 12W	MCW70-BA0M-21	MCW70-BF0M-21	
	AC 220V	250V 11W	MCW70-BA0N-21	MCW70-BF0N-21	
3 Light	AC/DC 24V	28V 11W	MCW70-BA0F-31	MCW70-BF0F-31	
	AC 110V	110V 12W	MCW70-BA0M-31	MCW70-BF0M-31	
	AC 220V	250V 11W	MCW70-BA0N-31	MCW70-BF0N-31	
4 Light	AC/DC 24V	28V 11W	MCW70-BA0F-41	MCW70-BF0F-41	
	AC 110V	110V 12W	MCW70-BA0M-41	MCW70-BF0M-41	
	AC 220V	250V 11W	MCW70-BA0N-41	MCW70-BF0N-41	
5 Light	AC/DC 24V	28V 11W	MCW70-BA0F-51	MCW70-BF0F-51	
	AC 110V	110V 12W	MCW70-BA0M-51	MCW70-BF0M-51	
	AC 220V	250V 11W	MCW70-BA0N-51	MCW70-BF0N-51	

SIGNAL TOWER

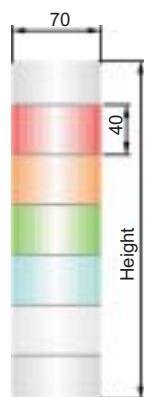
MCW70



NPN/PNP
IP54

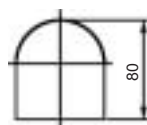


Dimensions

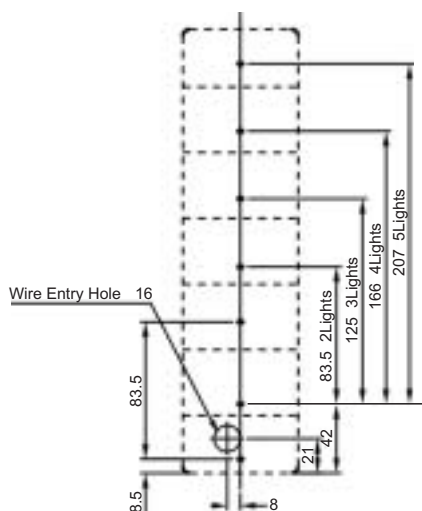


Height (mm)

1Lights : 106
2Lights : 147
3Lights : 188
4Lights : 229
5Lights : 270

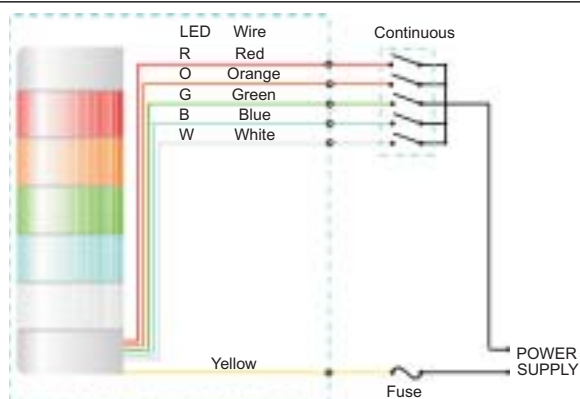


Lead Wire Length :
Approx 1,000mm from Entry Hole

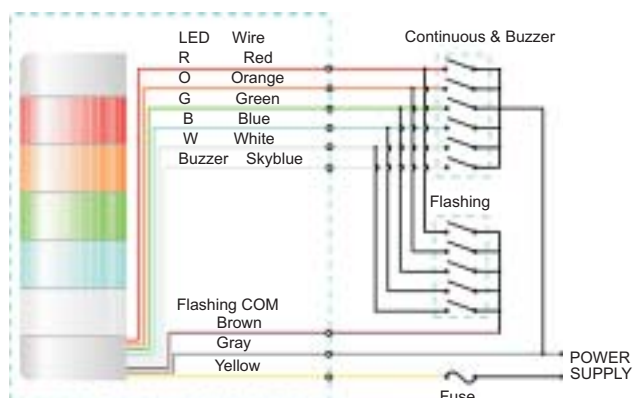


Wiring Diagram In Direct Power Connection

Continuous type

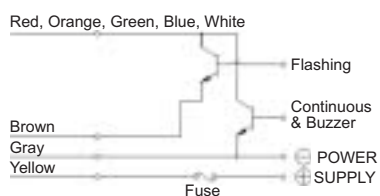


Flashing type

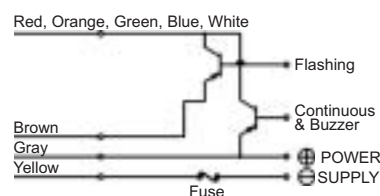


Open collector (DC 24V)

NPN transistor



PNP transistor



Describing

- Colours: Super-high-intensity Red, Super-high-intensity Orange, Super-high-intensity Green , Super-high-intensity Blue, Super-high-intensity White (combination in photo is standard, for other combinations, please contact us.)
- Lens: Polycarbonate resin with superior resistance to impact and heat.
- Our LED reflection system, improved luminosity and ends the problem of burned out bulbs.
- Because of the unified structure, the colour combinations can be easily changed.
- Can be readily mounted vertically or horizontally to either front panel or ceilings.
- Meets IP-54 for wash-down requirements.
- Easy to be mounted by special tool.
- This model contains open-collector type NPN, PNP transistor which allows direct connection to Programmable Controller. (24V type only)
- The buzzer has gentle audible alarm high volume; 80dB/m
- The CSA & CE marking is available. The CSA approval number is 219967-143081.
- This series has Continuous, Continuous/Flashing with warning sound type according to operation methods.
- For details information, please refer to selected guide.
- Vibration Resistance: 10~55HZ Frequency, 0.5mm amplitude in Y direction for 40 minutes.
- Shock resistance 500m/s² acceleration(approx.50G)in Y direction for three times.

Type

■ LED type

Style	Rated Voltage	Wattage	Model		Wire type
			Continuous Light	Continuous/Flashing Light With Warning Sound	
1 Light	AC/DC 24V	2W	MCW70-LA0F-11	MCW70-LF0F-11	Power source and Lead wire UL AWM1430 105° 300V VW-1 AWG20
	AC 110V	3W	MCW70-LA0M-11	MCW70-LF0M-11	
	AC 220V	3W	MCW70-LA0N-11	MCW70-LF0N-11	
2 Light	AC/DC 24V	4W	MCW70-LA0F-21	MCW70-LF0F-21	
	AC 110V	6W	MCW70-LA0M-21	MCW70-LF0M-21	
	AC 220V	5W	MCW70-LA0N-21	MCW70-LF0N-21	
3 Light	AC/DC 24V	6W	MCW70-LA0F-31	MCW70-LF0F-31	
	AC 110V	9W	MCW70-LA0M-31	MCW70-LF0M-31	
	AC 220V	7W	MCW70-LA0N-31	MCW70-LF0N-31	
4 Light	AC/DC 24V	8W	MCW70-LA0F-41	MCW70-LF0F-41	
	AC 110V	12W	MCW70-LA0M-41	MCW70-LF0M-41	
	AC 220V	9W	MCW70-LA0N-41	MCW70-LF0N-41	
5 Light	AC/DC 24V	10W	MCW70-LA0F-51	MCW70-LF0F-51	
	AC 110V	15W	MCW70-LA0M-51	MCW70-LF0M-51	
	AC 220V	11W	MCW70-LA0N-51	MCW70-LF0N-51	