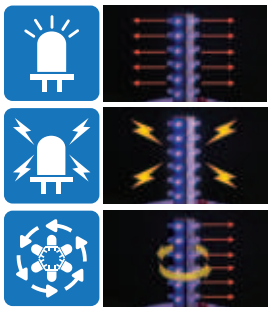
MFL series

Multiple Function LED Signal Lights

IP65 | -30~+50°C | BUZZER | 80dB | RoHS

Operating steady/ flashing, strobe, simulated revolving flashing, Multiple function LED signal lights



- **LED Steady/ Flashing**
  Repeat operation of LED signal light on/off
- **LED Strobe**
  Short LED Steady/ Flashing cycle. Creates a xenon flashing effect by providing maximum electric current
- **LED Simulated Revolving**
  LEDs flash steadily around the cylindrical LED filaments which makes a simulated revolving effect



Manual switch to select operation

ON=1 / OFF=0



Operate 4 kinds of function by dip switches



No.	1	2	Operation
0	0	0	LED Steady
1	0	1	LED flashing
2	1	0	LED Strobe
3	1	1	LED Simulated revolving flashing



MFL60



MFL80

Common Specifications(MFL60/ MFL80/ MFL100/ MFL125)

- Product has multi functions of LED Steady/ Flashing, strobe, and simulated revolving
- Operating options with switches inside product or external connect
- Shock and vibration-resistant, maintenance reduced with long-lasting energy-efficient LED light bulb
- Built-in buzzer available(Volume : Max 80dB at 1m)
- Flashing type(LF) flashing rates : 60-80 flashes/min
- Strobe type(LS) flashing rates : 70-80 flashes/min
- Simulated revolving type(LR) flashing rates : 120-140 flashes/min

Materials : Lens-PC, housing-ABS, Mounting bracket-PC

- Ambient operating temperature : -30°C to +50°C
- Protection rating : IP65
- Certificates : CE Compliant, UL Listed
- Complaint with RoHS directive

MFL60 Ø60mm Multiple Function LED Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
MFL60	DC12V-24V	Max 0.140A	CE UL DC only	0.21kg	R-Red A-Amber G-Green B-Blue
	AC110V-220V	Max 0.045A		0.32kg	

MFL80 Ø80mm Multiple Function LED Signal Light

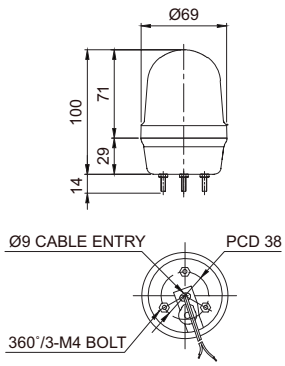
Model number	Voltage	Current	Certificates	Weight	Color
MFL80	DC12V-24V	Max 0.190A	CE UL DC only	0.28kg	R-Red A-Amber G-Green B-Blue
	AC110V-220V	Max 0.052A		0.51kg	

※ DC type model has a free-voltage range of 10V-30V.
※ AC type model has a free-voltage range of 100V-240V.

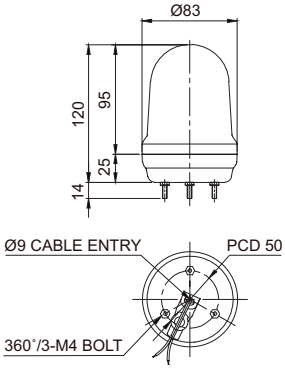
Technical Diagram

(Units : mm)

MFL60



MFL80



MFL series

LED Signal Light with Multiple Light Functions

IP65 | -30~+50°C | BUZZER | 80dB | RoHS

Multi-functional model with selectable steady/ flashing strobe, and simulated revolving flashing mode



MFL100



MFL125



MFL100 Ø100mm Multiple Light Function LED Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
MFL100	DC12V-24V	Max 0.255A	CE UL DC only	0.30kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V-220V	Max 0.067A		0.52kg	

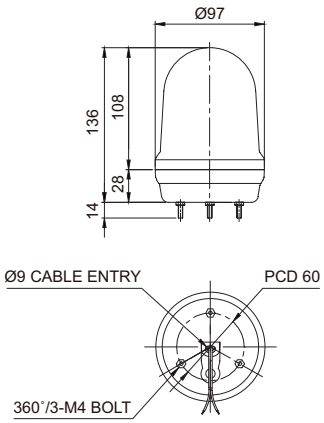
MFL125 Ø125mm Multiple Light Function LED Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
MFL125	DC12V-24V	Max 0.255A	CE UL DC only	0.52kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V-220V	Max 0.067A		0.92kg	

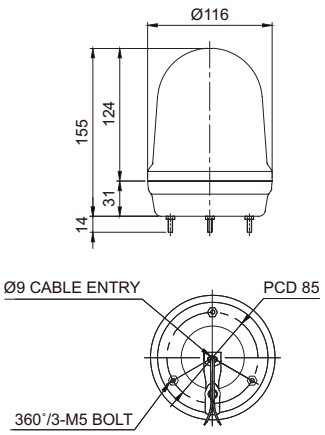
※ DC type model has a free-voltage range of 10V-30V.
※ AC type model has a free-voltage range of 100V-240V.

Technical Diagram (Units : mm)

MFL100



MFL125



Wiring Instructions

- External power line standard : UL1015 AWG18(0.75sq)×2C 400mm
- Product can be wired regardless of polarity

Accessories

- Wall mounting bracket options : Bracket structure allows for threading through the bracket hole or into the wall mount

- MFL60



Wall Mount Bracket **TWS45**



Wall Mount Bracket **TWA45**

- MFL80



Wall Mount Bracket **TWS80**



Wall Mount Bracket **TWA80**

- MFL100/ MFL125



Wall Mount Bracket **SWP125**



Wall Mount Bracket **SWM125**

Ordering Specification

MFL100	-	BZ	-	110/220	-	R
[Model number]		[Buzzer option]		[Voltage]		[Color]
• MFL60 • MFL80 • MFL100 • MFL125		• None - No buzzer • BZ - Built-in buzzer		• 12/24 -DC12V-24V • 110/220 -AC110V-220V		● R-Red ● A-Amber ● G-Green ● B-Blue