

## SMCL Series

Signal lights that produces two or three multicolored LED signals



SMCL80



SMCL100



SMCL125

### PRODUCT SPECIFICATION

SMCL80 | SMCL100  
SMCL125

**Materials** Lens-ABS(SMCL80), PC(SMCL100, 125)

Body-ABS, Reflector-Heat resistant ABS

**Ambient operating temperature** -30°C to +50°C

**Volume** Max.90dB at 1m

**Protection rating** IP44

**Flashing rate** 60-80/min

**Compliant with RoHS directive**

- Ideal for locations where space requirements need one warning light to convey multiple color signals
- LED light distribution system with multi-tiered reflector provides uniformed light signals throughout the entire lens
- The subdued light provides a comfortable and stable viewing condition for operation in close proximity
- Can select between steady/ flashing mode

### SMCL80 Ø80mm Multi-Color LED Steady/ Flashing Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
SMCL80	DC12V-24V	Max.0.260A	CE	0.18kg	● R-Red
	AC110V	0.110A		0.28kg	● A-Amber
	AC220V	0.055A		0.28kg	● G-Green

### SMCL100 Ø100mm Multi-Color LED Steady/ Flashing Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
SMCL100	DC12V-24V	Max.0.470A	CE	0.23kg	● R-Red
	AC110V	0.110A		0.32kg	● A-Amber
	AC220V	0.055A		0.32kg	● G-Green

### SMCL125 Ø125mm Multi-Color LED Steady/ Flashing LED Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
SMCL125	DC12V-24V	Max.0.510A	CE	0.27kg	● R-Red
	AC110V	0.120A		0.36kg	● A-Amber
	AC220V	0.065A		0.36kg	● G-Green

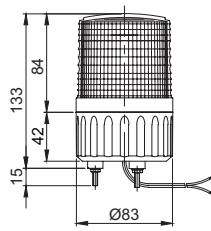
### Wiring Instructions

- SMCL type can be wired with external contacts and transistor
- Wiring to transistor, use the NPN transistor. Please wire properly based on wiring instructions
- External Power line - UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line - UL1007 AWG22(0.3sq) 400mm
- This product can be wired regardless of polarity.

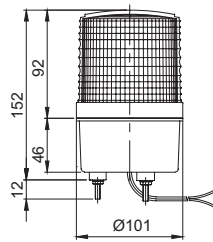
## Technical Diagram

Units: mm

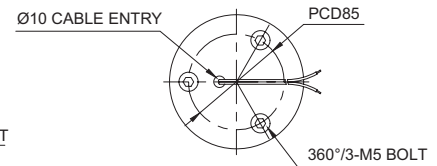
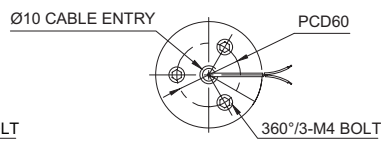
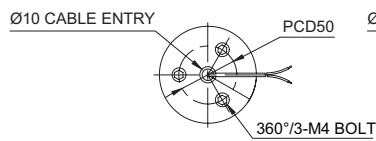
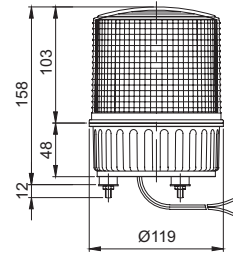
·SMCL80



·SMCL100

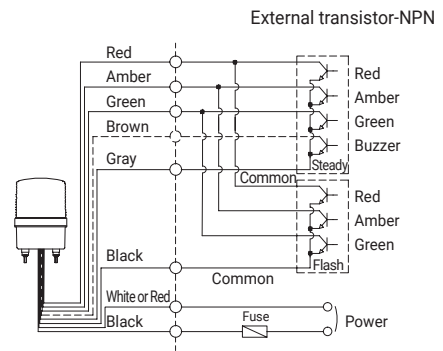
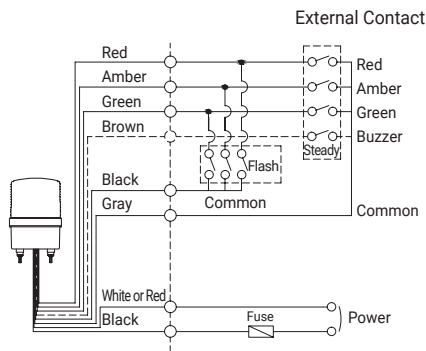


·SMCL125



## Wiring Instructions

·SMCL80 / SMCL100 / SMCL125-DC/AC



## Customization

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

SMCL80		SMCL100 / SMCL125	
Wall Mount Bracket TWS80	Wall Mount Bracket TWA80	Wall Mount Bracket SWP125	Wall Mount Bracket SWM125

## Ordering Specification

SMCL100	-	BZ	-	3	-	220	-	RAG
[Model number]		[Buzzer option]		[Color]		[Voltage]		[Color]
SMCL80		(None) - No buzzer		2-2colors		12/24-DC12V-24V		● R-Red
SMCL100		BZ - Built-in buzzer		3-3colors		110-AC110V		● A-Amber
SMCL125						220-AC220V		● G-Green