RusAutomation

QMCL series

Multiple Color LED Steady Signal Lights

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

- **7 Color modes available via wiring**

You can configure seven color signals by combining the 4 signal wires (red, green, blue, black) attached to the warning light.

Multi-Color Warning Light with Seven Color Options

- **Emits a cozy and comfortable hue**

QMCL series signal lights have a milky translucent hue when turned on. These signal lights provide a comfortable and stable viewing condition for workers in close proximity.

Common Specifications(QMCL60/ QMCL80/ QMCL100/ QMCL125)

- Helps reduce the costs of installation by reducing the space needed to emit seven color signals in a single warning light
- Milky translucent color when off, the soft LED illuminates designated color when on
- Built-in buzzer available (Volume : Max 80dB at 1m)
- Materials : Lens-AS, Body-ABS
- Ambient operating temperature : -30°C to +50°C
- Protection rating : IP65
- Certificates : CE Compliant
- Compliant with RoHS directive

QMCL60

QMCL80

	Voltage	AC/DC12V	AC/DC24V
QMCL60 QMCL80	Signal Line Power Consumption	0.120A	0.060A
	Buzzer Line Power Consumption	0 020A	0.020A
QMCL100 QMCL125	Signal Line Power Consumption	0 240A	0.120A
	Buzzer Line Power Consumption	0 020A	0.020A

QMCL60 Ø60mm Multiple Color LED Steady/ Flashing Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
QMCL60	DC12V	0.120A	CE	0.12kg	7 Colors
	DC24V	0.060A		0.12kg	

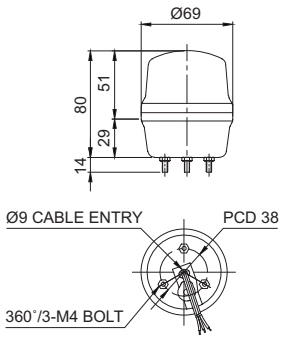
QMCL80 Ø80mm Multiple Color LED Steady/ Flashing Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
QMCL80	DC12V	0.120A	CE	0.17kg	7 Colors
	DC24V	0.060A		0.17kg	

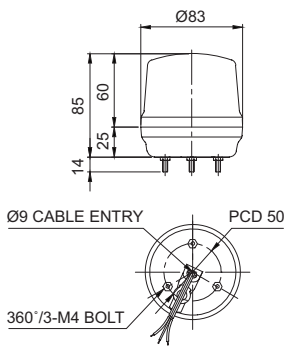
Technical Diagram

(Units : mm)

QMCL60



QMCL80



QMCL series

Multiple Color LED Steady Signal Lights

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

New innovative LED signal light that can be configure with 7 colors in 1 signal lamp

QMCL100

QMCL125

QMCL100 Ø100mm Multiple Color LED Steady LED Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
QMCL100	DC12V	0.240A	CE	0.24kg	7 Colors
	DC24V	0.120A		0.24kg	

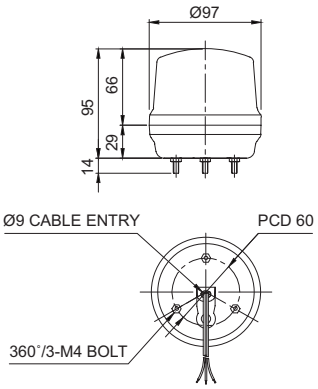
QMCL125 Ø125mm Multiple Color LED Steady LED Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
QMCL125	DC12V	0.240A	CE	0.31kg	7 Colors
	DC24V	0.120A		0.31kg	

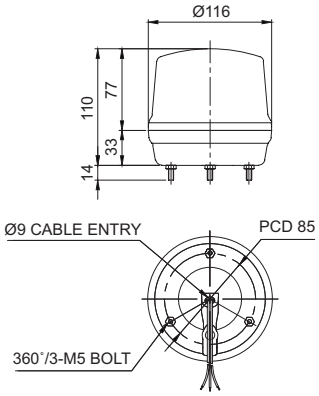
Technical Diagram

(Units : mm)

QMCL100



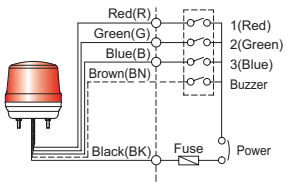
QMCL125



Wiring Instructions

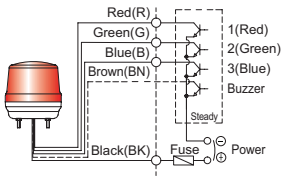
QMCL60/ QMCL80/ QMCL100/ QMCL125 DC

EXTERNAL CONTACT

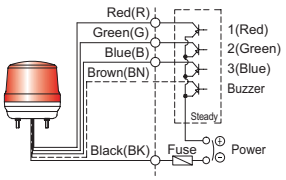


No.	Color	Wiring
1	Red	1(Red)
2	Green	2(Green)
3	Blue	3(Blue)
4	Amber	1(Red)+2(Green)
5	Cyan	2(Green)+3(Blue)
6	Purple	1(Red)+3(Blue)
7	White	1(Red)+2(Green)+3(Blue)

EXTERNAL TRANSISTOR-NPN



EXTERNAL TRANSISTOR-PNP



Wiring Instructions

- External signal line standard : Signal line 4P(R,G,B,K) threading, signal line standard UL1007 AWG22(0.3sq) 400mm
- Product can be wired regardless of polarity
- Please refer to Wiring Instructions diagram to properly configure color options

Ordering Specification

QMCL80	-	BZ	-	24
[Model number]		[Buzzer op ion]		[Voltage]
• QMCL60 • QMCL80 • QMCL100 • QMCL125		• None - No buzzer • BZ - Built-in buzzer		• 12-DC12V • 24-DC24V

Accessories

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

- QMCL60/ QMCL80

Wall Mount Bracket **TWS80**

Wall Mount Bracket **TWA80**

- QMCL100/ QMCL125

Wall Mount Bracket **SWP125**

Wall Mount Bracket **SWM125**

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