QMCL series

Multiple Color LED Steady Signal Lights

IP65 | **-30~+50℃** | **BUZZER** | **80dB** | **NPN** | **PNP**

RoHS
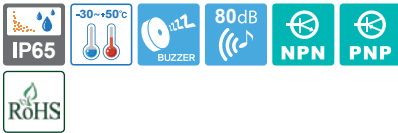
• 7 Color modes available via wiring

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.

(i) 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 colors 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
• Complaint with RoHS directive

QMCL60

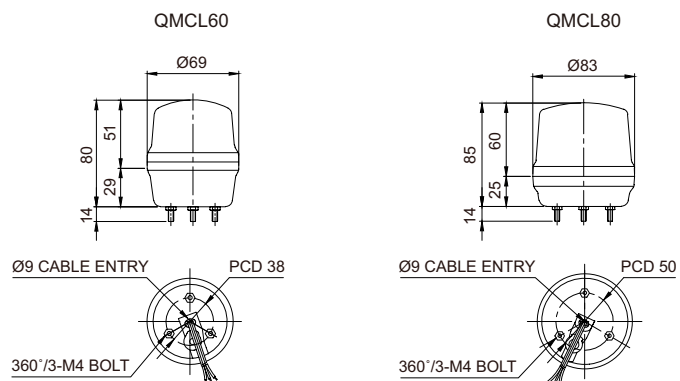### 🔔 QMCL60 Ø60mm Multiple Color LED Steady/ Flashing Signal Light

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	

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

📐 Technical Diagram (Units : mm)

QMCL60

Ø69, 80, 51, 29, 14
Ø9 CABLE ENTRY   PCD 38
360°/3-M4 BOLT

QMCL80

Ø83, 85, 60, 25, 14
Ø9 CABLE ENTRY   PCD 50
360°/3-M4 BOLT

Warning/ Signal/ Stackable

Signal & Electric Horn/ Speakers

Vessels and Heavy-Duty Equipment

Explosion Proof

Warning Light Bar

Aviation Obstruction Lights

Signal Tower Lights

USB/ETN Signal Tower Lights

Electric Horn/ Speakers

Industrial LED Lights

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IP65 | -30→+50℃ | BUZZER | 80dB | NPN | PNP

RoHS

New innovative LED signal light that can be configure with 7 colors in 1 signal lamp
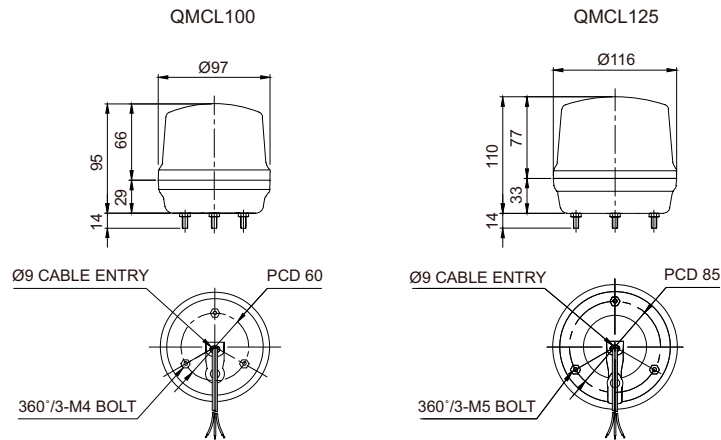
QMCL100

QMCL125

QMCL100 Ø100mm Multiple Colors 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 Colors 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

Ø97
95 66 29 14

Ø9 CABLE ENTRY   PCD 60

360°/3-M4 BOLT

QMCL125

Ø116
110 77 33 14

Ø9 CABLE ENTRY   PCD 85

360°/3-M5 BOLT

Wiring Instructions

QMCL60/ QMCL80/ QMCL100/ QMCL125-DC

EXTERNAL CONTACT

Red(R)
Green(G)
Blue(B)
Brown(BN)
1(Red)
2(Green)
3(Blue)
Buzzer

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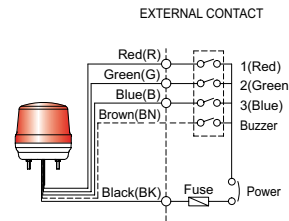
No.	Color	Wiring
1	Red	1(Red)
2	Green	2(Green)
3	Blue	3(Blue)
4	Amber	1(Red)+2(Green)
5	Cyan	2(Green)+3(Blue)
6	Purple	1(Red)+3(Blue)
7	White	1(Red)+2(Green)+3(Blue)

EXTERNAL TRANSISTOR-NPN

Red(R)
Green(G)
Blue(B)
Brown(BN)
1(Red)
2(Green)
3(Blue)
Buzzer
Steady

Black(BK)   Fuse   Power

EXTERNAL TRANSISTOR-PNP

Red(R)
Green(G)
Blue(B)
Brown(BN)
1(Red)
2(Green)
3(Blue)
Buzzer
Steady

Black(BK)   Fuse   Power

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 option]		[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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