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

QMCL60 Ø60mm Multiple Color LED Steady Signal Light

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

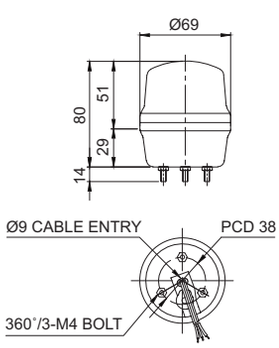
QMCL80 Ø80mm Multiple Color LED Steady Signal Light

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

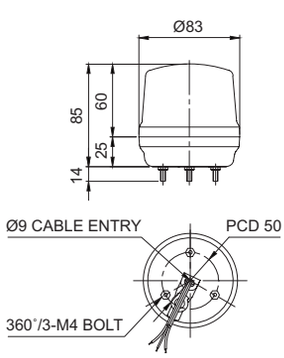
	Voltage	AC/DC12V	AC/DC24V
QMCL60 QMCL80	Signal Line Power Consumption	0.120A	0.060A
	Buzzer Line Power Consumption	0.020A	0.020A
QMCL100 QMCL125	Signal Line Power Consumption	0.240A	0.120A
	Buzzer Line Power Consumption	0.020A	0.020A

Technical Diagram (Units : mm)

QMCL60



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

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

QMCL100 Ø100mm Multiple Color LED Steady Signal Light

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

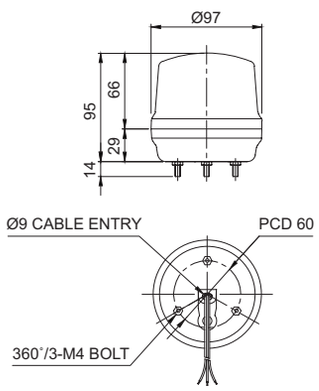
QMCL125 Ø125mm Multiple Color LED Steady Signal Light

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

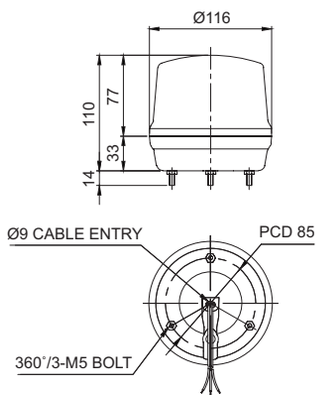
Technical Diagram

(Units : mm)

QMCL100



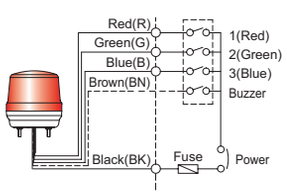
QMCL125



Wiring Instructions

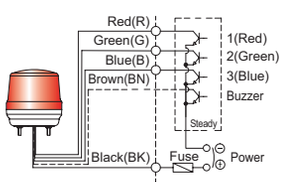
QMCL60/ QMCL80/ QMCL100/ QMCL125-DC

EXTERNAL CONTACT

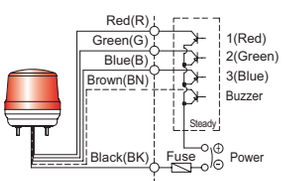


No.	Color	Wiring
1	Red	1(Red)
2	Green	2(Green)
3	Blue	3(Blue)
4	Amber	1(Red)+2(Green)
5	Cyan	2(Green)+3(Blue)
6	Purple	1(Red)+3(Blue)
7	White	1(Red)+2(Green)+3(Blue)

EXTERNAL TRANSISTOR-NPN



EXTERNAL TRANSISTOR-PNP



Customization

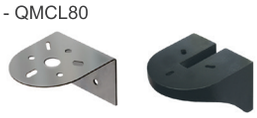
- Wall mounting bracket options : Bracket structure allows for threading through the bracket hole or into the wall mount

- QMCL60

Wall Mount Bracket **TWS45**

Wall Mount Bracket **TWA45**

- QMCL80



Wall Mount Bracket **TWS80**

Wall Mount Bracket **TWA80**

- QMCL100/ QMCL125

Wall Mount Bracket **SWP125**

Wall Mount Bracket **SWM125**