QT56MCL

IP23 IP44 -30~+60°C BUZZER 90dB PNP

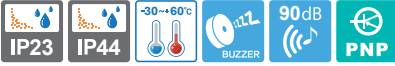## Signal light that can be configured with 7 colors in 1 tower light

QT56MCL — LED Steady
QT56MCL-BZ — Built-in Buzzer LED Steady

QT56MCL series

Built-in buzzer output holes formed on the housing of the product.

LED Steady Tower Lights

QT56MCL Multiple Color LED Steady

- Helps reduce the costs of installation by reducing the space needed to emit seven color signals in a single warning light
- Elegant design with hexagon shaped metal housing
- Aluminum housing provides excellent durability
- Soft LED illuminates designated colors when on
- When off, milky translucent color lens provides a comfortable and stable viewing condition for workers in close proximity
- Folding type mount bracket can be utilized in various environments
- Built-in buzzer available (Volume : Max 90dB at 1m)
- Materials : Lens-PC, Housing-Al, Mounting bracket-Al
- Ambient operating temperature : -30°C to +60°C
- Protection rating : Standard type-IP44, Built-in Buzzer type-IP23

Model number	Voltage	Current	Certificates	Weight	Color
QT56MCL Steady	DC24V	Max 0.08A	-	0.45kg	7 Colors
QT56MCL-BZ Steady /w built-in buzzer			CE	0.48kg	

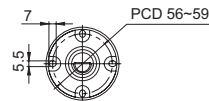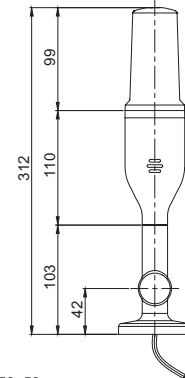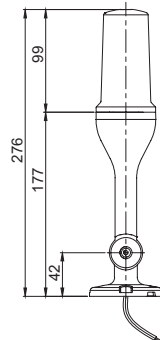| Signal/ Audible line current(Per each layer)	
Voltage	DC24V
Signal line current	0.060A
Audible line current	0.020A

Technical Diagram (Units : mm)

QT56MCL

QT56MCL-BZ

PCD 56~59

Wiring Instructions

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

Ordering Specification

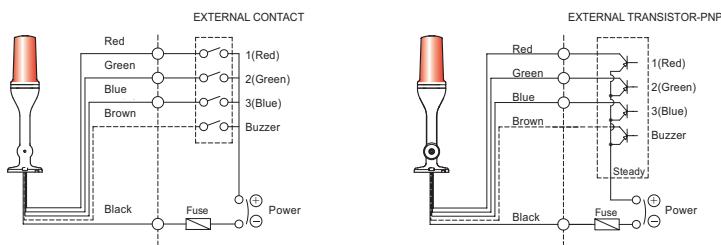| QT56MCL	-	24
[Model number]		[Voltage]
• QT56MCL		• 24-DC24V
• QT56MCL-BZ		

QT56MCL

LED Steady Tower Lights

Wiring Instructions

• QT56MCL can be wired by using both external contact and transistor.
• When wiring with transistor, please make sure to use PNP transistor and follow the wiring instructions in the diagram below.

QT56MCL

EXTERNAL CONTACT

Red	1(Red)
Green	2(Green)
Blue	3(Blue)
Brown	Buzzer

Black — Fuse — Power ⊕ ⊖

EXTERNAL TRANSISTOR-PNP

Red	1(Red)
Green	2(Green)
Blue	3(Blue)
Brown	Buzzer
	Steady

Black — Fuse — Power ⊕ ⊖

< Wiring Configuration for Signal Color >

No.	Signal color	Wiring configuration
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 signal line standard : Signal line 4P(R,G,B,K) threading, signal line standard UL1007 AWG22(0.3sq) 400mm

Signal Color Options

| [Red] | [Green] | [Blue] | [Amber] | [Cyan] | [Purple] | [White] |

• **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 tower light.