QT series

Modular Multi-Functional LED Tower Lights

Qlight

QT50L/ QT50ML
QT70L/ QT70ML

RED

AMBER

GREEN

BLUE

BUZZER

New Model Concept which Allows for Significant Customization to Your Specific Needs Using Special Modular Components

- QT Series tower light is a multifunctional product that allows for significant customization to your specific needs using our special modular components such as the lens, buzzer, ethernet cord, USB cord and mounting brackets. Additional tools are not required for assembly
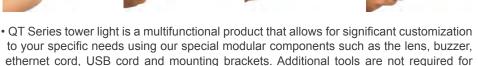- All modular components can be arranged freely to the user desired position (upper/ lower) except for the dial tone lever

• Buzzer modules position can be chosen freely

The buzzer module is designed to be compatible with the light modules by using a novel architecture developed by Qlight. Therefore, users can reposition the module to the location they desire. In the photo to the left, the buzzer module is located at the top, center and bottom positions.

• Can select from a variety of LED light functions

The LED indicator can provide varying signals/actions by using different independent light modules; flashing, strobe, rotating. For example, green would indicate normal operation, a red module would indicate risk which can be highlighted further by selecting a strobe flashing or rotating module.

LED Strobe Type
LED Stimulated Revolving Type
LED Steady/Flashing Type

• Select from 15 kinds of buzzer tones

1 Buzzer Tone Type
2 Buzzer Tone Type
BUZZER

5 Warning Sounds Type
5 Melodies Type
5 Alarms Type
SPK

There are 4 audible modules available which includes one buzzer type module and 3 alarm modules. Each alarm module comes with 5 sound patterns that can be selected for your specific application environment. The Buzzer module is customizable with two options- the 2 tone buzzer and high volume buzzer. Detailed specifications of the alarm sounds and buzzer sounds are included in page 326-328.

• Can select from a variety of pole selections to fit your application needs

You can chose from 8 different kinds of pole options for mounting. The pole materials vary from steel, aluminum, and polycarbonate. Please refer to page 32-37 for more detailed information about the pole specifications and dimensions.

• Module Selections

Users can directly purchase the necessary modules for assembly. Detailed specifications and features for each Individual module are introduced in page 330-333(QT50), page 340-343(QT70). For information about module combination procedure can be found in the assembly Instructions page.

• Assembled Product

We are able to provide the consumer with an assembled product with module specifications provided by the customer. Specifications and products assembled in a variety of formats are detailed in page 334-339(QT50), page 344-349(QT70).

Module

Multi-functional module can be assemble to user requirements

Steady • — • Flashing

Module Connector

Please use the switch for Steady and Flashing which is on top of Q50L-F and Q70L-F, LED steady/flashing module.

LED Module

- 4 kinds of LED modules; Steady, steady/flashing, strobe, revolving flashing
- Good visibility with high brightness.
- Module position can be chosen based on signal importance.

Q70L-N	Q50L-N	**LED Steady Module** • Output LED Steady signal • High brightness LED • Voltage : DC12V, DC24V, AC110V, AC220V
Q70L-F	Q50L-F	**LED Steady/Flashing Module** • Output LED Steady/Flashing signal • High brightness LED • Voltage : DC12V, DC24V, AC110V, AC220V
Q70L-S	Q50L-S	**LED Strobe Module** • LED flashing light • Excellent notice compare to flashing type • Voltage : DC12V, DC24V
Q70L-R	Q50L-R	**LED Revolving Flashing Module** • LED light revolve and flash • Dynamic Signal • Voltage : DC12V, DC24V

Buzzer Module

- Buzzer module has Siren and Bip sound, Bip sound is adjustable.
- Buzzer module position can be chosen freely and has a good air tight seal.

Q70L-BZS		**Siren Sound Buzzer Module** • Siren buzzer volume : Max 90dB • Sound fixed • Voltage : DC12V, DC24V, AC110V, AC220V
Q70L-BZ	Q50L-BZ	**Bip Sound Buzzer Module** • Bip sound(Pi-Pi) volume : Max 90dB • Sound adjustable • Voltage : DC12V, DC24V, AC110V, AC220V

- Sound adjustable by lever on module side
- Buzzer module position can be chosen freely
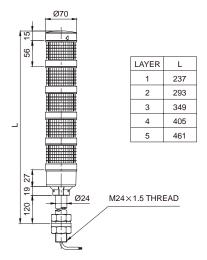
QT70L

Ø70mm Multi-Functional Modular LED Tower Lights

Qlight

IP65 | -30~+50℃ | NPN | PNP

QT70L

Color Options:

Beige color is available

QT70L Ø70mm Pole Mount Modular LED Tower Lights

Consist of lens module, base module and pole module

Specifications

Model number	Layer	Voltage	Current	Certificates	Weight	Color
QT70L QT70LF	1	DC12V DC24V AC110V AC220V	0.120A 0.060A 0.018A 0.020A	CE DC only	0.41kg 0.41kg 0.42kg 0.42kg	● R-Red
	2	DC12V DC24V AC110V AC220V	0.240A 0.120A 0.036A 0.040A		0.48kg 0.48kg 0.49kg 0.49kg	● R-Red ● G-Green
	3	DC12V DC24V AC110V AC220V	0.360A 0.180A 0.054A 0.060A		0.55kg 0.55kg 0.56kg 0.56kg	● R-Red ● A-Amber ● G-Green
	4	DC12V DC24V AC110V AC220V	0.480A 0.240A 0.072A 0.080A		0.63kg 0.63kg 0.64kg 0.64kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	5	DC12V DC24V AC110V AC220V	0.600A 0.300A 0.090A 0.100A		0.71kg 0.71kg 0.72kg 0.72kg	● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White

QT70L	Steady Module	+	Base Module(BS)
QT70LF	Steady/Flashing Module		Pole Module(PB)

※ Please refer to page 340-343 for detailed specification of module.

Wiring Instructions

• LED tower light can be wired with external contact and transistor

※ Please refer to page 350 for detailed information about the wiring instructions.

Mounting Bracket

Standard	LB24	LW24	QZ24	SZ24	QL24	SL24	QLA24
Steel	Steel	PC	PC	Al	PC	Al	PC

※ Please refer to page 32-37 for detailed dimension of mount brackets.

Technical Diagram (Units : mm)

QT70L

Ø70, 56, 15

LAYER	L
1	237
2	293
3	349
4	405
5	461

120, 19, 27
Ø24
M24 × 1.5 THREAD

Customization

• Customized pole length available
• Beige color
• LED strobe (Model number : QT70LS)
• LED simulated revolving (Model number : QT70LR)

Ordering Specification

QT70L	-	3	-	24	-	RAG	-	QZ24
[Model number]		[Layer]		[Voltage]		[Color]		[Mounting bracket]

• QT70L
• QT70LF

• 1-1Layer
• 2-2Layers
• 3-3Layers
• 4-4Layers
• 5-5Layers

• 12-DC12V
• 24-DC24V
• 110-AC110V
• 220-AC220V

• R-Red
• A-Amber
• G-Green
• B-Blue
○ W-White

• None
 -Standard
• Bracket
 -LB24 -LW24
 -QZ24 -SZ24
 -QL24 -SL24
 -QLA24