

# QTR50(M)L-USB / QTR60(M)L-USB



QTR50(M)L-USB Series

## PRODUCT SPECIFICATION

QTR50(M)L-USB  
QTR60(M)L-USB  
QTR70(M)L-USB

**Materials** Lens-PC, Housing-ABS

**Ambient operating temperature** -30°C to +50°C

**Volume** Max. 85dB at 1m

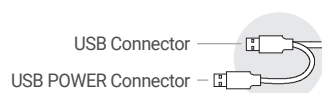
**Protection rating** IP54

**Compliant with RoHS directive**

- The LED tower light that is fully controllable by the PC application program of a PC via a USB port connection
- The USB communication cable is comprised of VCC, D-, D+, GND, and Shield
- Uses 2 DC 5V/500mA rated Personal Computer (PC) USB for its power
- Available on hosts that support USB 1.1 or higher
- Provides MS Runtime libraries for developers to utilize on various PC applications
- Built-in 5 buzzer tones
- Software controls the steady/flashing function
- USB control port and power supply port are provided with product
- The number of activated LED lights are limited to the capacity of USB port current
- When two or more USB products are used in one PC, it can be made to order specification
- Multiple connections on 1 PC is optionally available (up-to 4 units)
- LED module Standard Operation: 2 layers will operate at the same time
- Supported OS(32bit/64bit) : Windows XP, Win 7, Win 10
- Supported libraries : VC++, VB, Delphi(32bit only), C#(64bit only)

## Wiring Instructions

- Connect both USB connector and USB power connector to PC



## QTR50(M)L-USB Ø50mm USB Tower Light

Model number	Layers	Certificates	Color
QTR50(M)L-USB-BZ	1 layer	CE	1 layer: ● R
QTRA50(M)L-USB-BZ	2 layers		2 layers: ● R ● G
	3 layers		3 layers: ● R ● A ● G
	4 layers		4 layers: ● R ● A ● G ● B
	5 layers		5 layers: ● R ● A ● G ● B ○ W

## QTR60(M)L-USB Ø60mm USB Tower Light

Model number	Layers	Certificates	Color
QTR60(M)L-USB-BZ	1 layer	CE	1 layer: ● R
QTRA60(M)L-USB-BZ	2 layers		2 layers: ● R ● G
	3 layers		3 layers: ● R ● A ● G
	4 layers		4 layers: ● R ● A ● G ● B
	5 layers		5 layers: ● R ● A ● G ● B ○ W

## Mounting bracket

Standard	LB18	LW18	QZ18	SZ18	QL18	SL18
Steel	Steel	ABS	ABS	Al	ABS	Al

※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions







# QTR70(M)L-USB



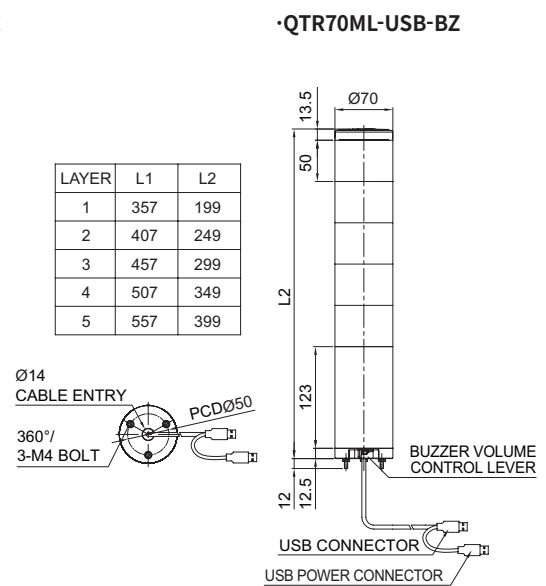
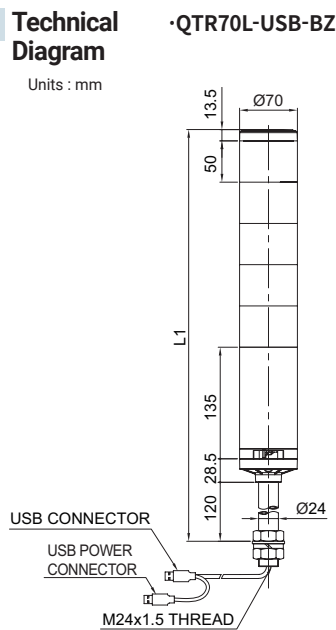
QTR70(M)L-USB Series

## QTR70(M)L-USB Ø70mm USB Tower Light, Pole mount

Model number	Layers	Certificates	Color
QTR70(M)L-USB-BZ	1 layer	CE	1 layer: ● R
QTRA70(M)L-USB-BZ	2 layers		2 layers: ● R ● G
	3 layers		3 layers: ● R ● A ● G
	4 layers		4 layers: ● R ● A ● G ● B
	5 layers		5 layers: ● R ● A ● G ● B ○ W

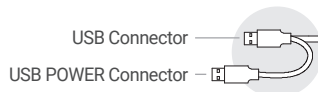
### Technical Diagram

Units : mm



### Wiring Instructions

- Connect both USB connector and USB power connector to PC



### Mounting bracket

Standard	LB24	LW24	QZ24	SZ24	QL24	SL24
Steel	Steel	ABS	ABS	Al	ABS	Al

※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions

### Customization

- Customized color arrangement available
- Customized pole length available
- Wall mount bracket



Wall mount bracket  
TWS80



Wall mount bracket  
TWA80

### Ordering Specifications

QTR70L-USB-BZ	-	3	-	RAG	-	LW24
[Model number]		[Layers]		[Color]		[Bracket]
QTR70L-USB-BZ		1-1 Layers		● R-Red		None-Standard
QTR70ML-USB-BZ		2-2 Layers		● A-Amber		Bracket
QTRA70L-USB-BZ		3-3 Layers		● G-Green		-LB24 -LW24
QTRA70ML-USB-BZ		4-4 Layers		● B-Blue		-QZ24 -SZ24
		5-5 Layers		○ W-White		-QL24 -SL24

※ Mount brackets are available for the pole mount type(QTR70L-USB Series) only