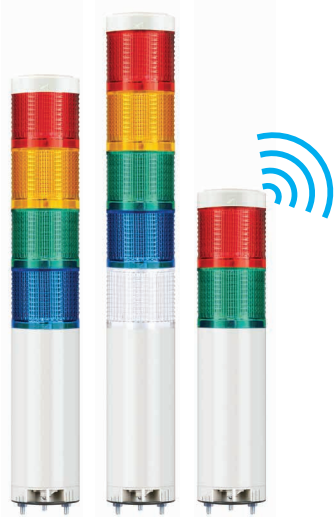
QTG60ML-WIZ

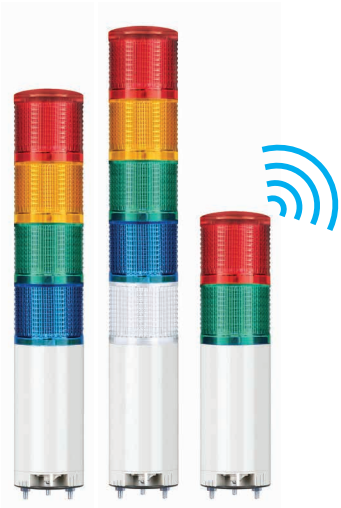
Qlightec

Wireless LED Steady/ Flashing Tower Light

IP54 IP65 -30~+50℃ BUZZER 85dB NPN RoHS WIRELESS



QTG60ML-WIZ series



QTGA60ML-WIZ series

· PC Connection Components

 USB Dongle	Suitable for single or small-scaled network Can connect up to 32 devices
 Gateway	Suitable for large-scaled network One gateway unit is a single group, can connect up to 24 groups (each group can connect to 32 devices) ※ Network router is required for group communication.

Common Specifications (QTG60ML-WIZ/ QTG60L-WIZ/ QTG70ML-WIZ/ QTG70L-WIZ)

Can remotely monitor and control the status of tower lights using a PC or smartphone

- Allows you to build an advanced production network system with a low cost
- Uses a Mesh Topology that operates in 2.4 GHz Short-Range wireless technology which ensures the communication reliability in harsh environments
  - ※ Multi-hop function of the signaling device enables a stable long-distance communication (with up to 100M between devices)
  - ※ Cost-effective by requiring no additional cable when change the layout of production lines
- Wireless communication standard : ZigBee(IEEE802.15.4)

QTG60ML-WIZ Ø60mm Direct Mount, LED Steady/Flashing Type

Model number	Layer	Voltage	Current	Certificate	Weight	Color
QTG60ML-WIZ Steady QTG60ML-WIZ-BZ Steady /w built-in buzzer QTG60MLF-WIZ Steady/Flashing QTG60MLF-WIZ-BZ Steady/Flashing /w built-in buzzer	1	DC12V DC24V AC110V-220V	0.150A 0.110A Max. 0.070A		0.29kg 0.29kg 0.39kg	● R-Red
	2	DC12V DC24V AC110V-220V	0.240A 0.160A Max. 0.100A		0.37kg 0.37kg 0.47kg	● R-Red ● G-Green
	3	DC12V DC24V AC110V-220V	0.330A 0.220A Max. 0.120A		0.46kg 0.46kg 0.56kg	● R-Red ● A-Amber ● G-Green
QTGA60ML-WIZ Steady QTGA60ML-WIZ-BZ Steady /w built-in buzzer QTGA60MLF-WIZ Steady/Flashing QTGA60MLF-WIZ-BZ Steady/Flashing /w built-in buzzer	4	DC12V DC24V AC110V-220V	0.420A 0.270A Max. 0.150A		0.54kg 0.54kg 0.64kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	5	DC12V DC24V AC110V-220V	0.510A 0.320A Max. 0.170A		0.62kg 0.62kg 0.72kg	● R-Red ● A-Amber ● G-Green ● B-Blue ● W-White

※ AC type model has a free-voltage range of 100V-240V.

Wiring Instructions

- External power line standard : UL1015 AWG18(0.75sq)×2C 400mm
- Signal line standard : UL1007 AWG22(0.3sq) 400mm
- LED tower light can be wiring with external contact and transistor

※ Please refer to page 394-396 for detailed wiring information.

Customization

- High buzzer module equipped on top(Lens should be within 4 layers)
- Black housing tower lights
- 2 buzzer sound types : Both prolonged (beep, beep) and staccato (beep, beep, beep) buzzer output available
- Wall mount bracket options : Bracket structure allows for threading through the bracket hole or into the wall mount



Wall Mount Bracket **TWS45**



Wall Mount Bracket **TWA45**

Ordering Specification

QTG60ML–WIZ	–	3	–	110/220	–	RAG
[Model number]		[Layer]		[Voltage]		[Color]
• QTG60ML-WIZ • QTG60ML-WIZ-BZ • QTG60MLF-WIZ • QTG60MLF-WIZ-BZ • QTGA60ML-WIZ • QTGA60ML-WIZ-BZ • QTGA60MLF-WIZ • QTGA60MLF-WIZ-BZ		• 1-1 layer • 2-2 layers • 3-3 layers • 4-4 layers • 5-5 layers		• 12-DC12V • 24-DC24V • 110/220 -AC110V-220V		● R-Red ● A-Amber ● G-Green ● B-Blue ● W-White

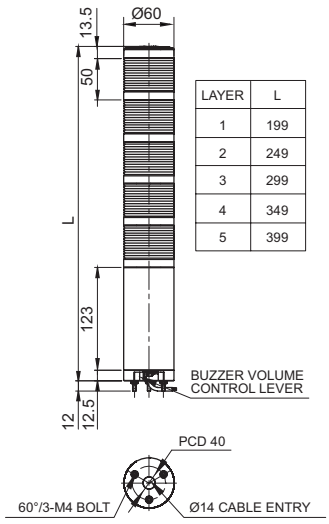
QTG-WIZ series

Wireless LED Steady/ Flashing Tower Light

Technical Diagram

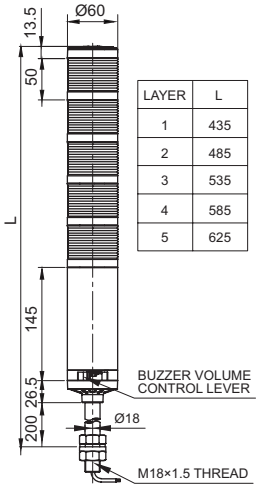
(Units : mm)

QTG60ML(F)-WIZ-Series



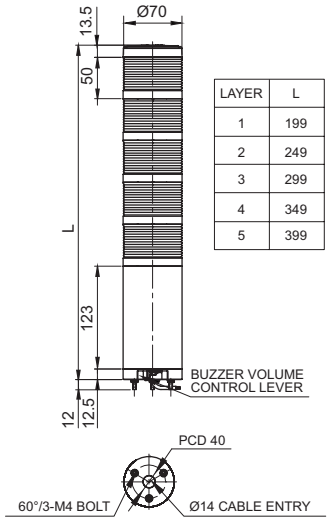
LAYER	L
1	199
2	249
3	299
4	349
5	399

QTG60L(F)-WIZ-Series



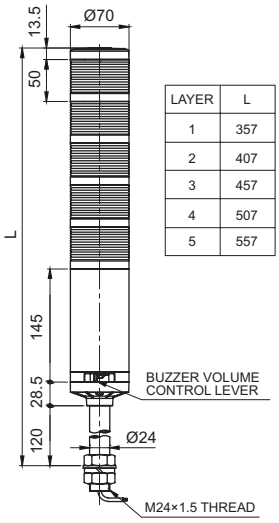
LAYER	L
1	435
2	485
3	535
4	585
5	625

QTG70ML(F)-WIZ-Series



LAYER	L
1	199
2	249
3	299
4	349
5	399

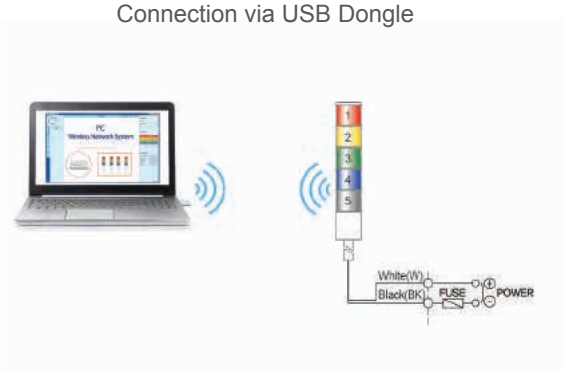
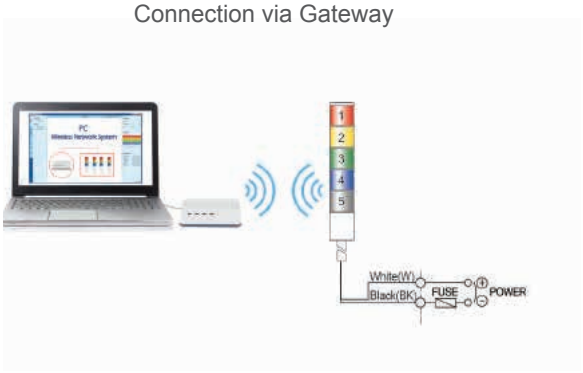
QTG70L(F)-WIZ-Series

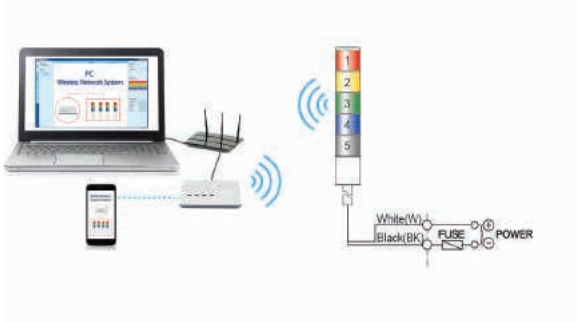


LAYER	L
1	357
2	407
3	457
4	507
5	557

Wiring Instructions

• Please wire the product as followings when you control via wireless network

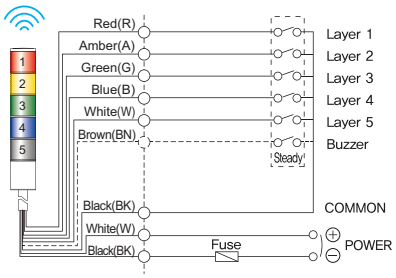
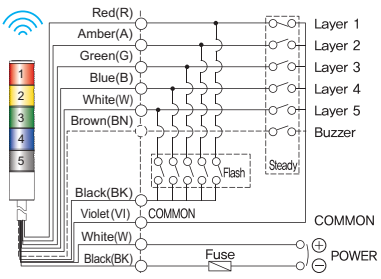
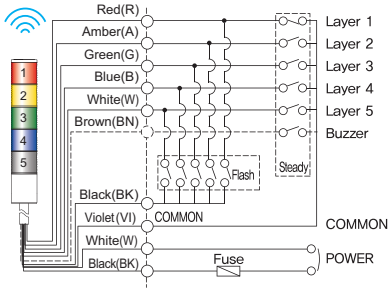
Applied products	Connection by USB
AC/DC Steady/ Flashing QTG60ML-WIZ QTG60L-WIZ QTG70ML-WIZ QTG70L-WIZ	Connection via USB Dongle  Connection via Gateway  Suitable for single or small-scaled network Can connect up to 32 devices

Applied products	Connection by Ethernet
AC/DC Steady/ Flashing QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ	Ethernet connection via Gateway  Suitable for single or small-scaled network Can connect up to 32 devices Connection via Gateway and Ethernet Router  Suitable for large-scaled network One gateway unit is a single group, can connect up to 24 groups, 768 devices (each group can connect to 32 devices)

• AC Steady type, AC/DC Steady/ Flashing type : External power line standard : UL1015 AWG18(0.75sq)×2C 400mm

Wiring Instructions

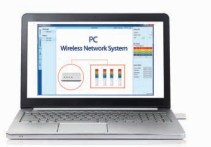
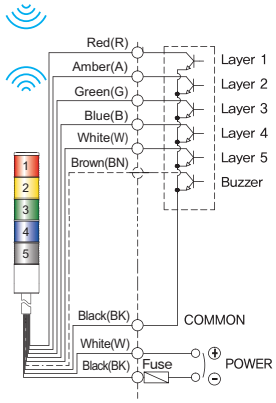
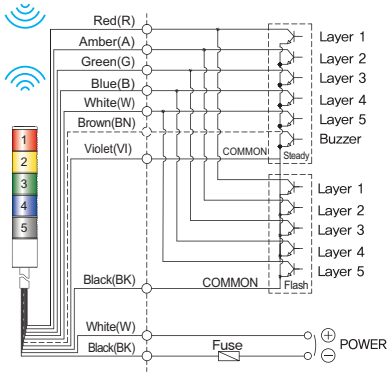
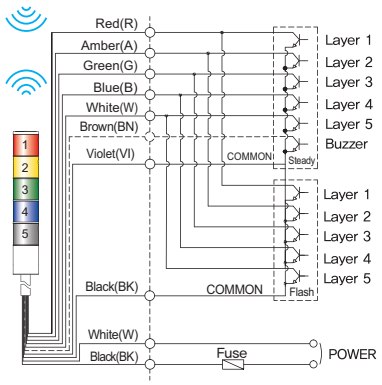
- Please wire the product by referring below instruction.
- You can monitor status of tower light and control them via wireless network.

Applied products	External Contact
AC/DC Steady/ Flashing QTG60ML-WIZ QTG60L-WIZ QTG70ML-WIZ QTG70L-WIZ	  • QTG(A) □□(M)L - WIZ : Same wiring including buzzer type • QTG□□L └Lens diameter 60(60mm) : QTG60(M)L 70(70mm) : QTG70(M)L
AC/DC Steady/ Flashing QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ	  • QTG(A) □□(M)L - WIZ : Same wiring including buzzer type • QTG□□L └Lens diameter 60(60mm) : QTG60(M)L 70(70mm) : QTG70(M)L
AC Steady/ Flashing QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ	  • QTG(A) □□(M)L - WIZ : Same wiring including buzzer type • QTG□□L └Lens diameter 60(60mm) : QTG60(M)L 70(70mm) : QTG70(M)L

- DC Steady type External power line & Signal line standard : UL1007 AWG22(0.3sq) 400mm
- AC Steady, AC/DC Steady/ Flashing type External power line standard : UL1015 AWG18(0.75sq)×2C 400mm
  signal line standard : UL1007 AWG22(0.3sq) 400mm

Wiring Instructions

• Wiring to transistor, use the NPN transistor. Please wire properly based on wiring instructions below.

Applied products	External Contact
AC/DC Steady/ Flashing QTG60ML-WIZ QTG60L-WIZ QTG70ML-WIZ QTG70L-WIZ	  • QTG(A) □□(M)L - WIZ : Same wiring including buzzer type • QTG□□L └Lens diameter 60(60mm) : QTG60(M)L 70(70mm) : QTG70(M)L
AC/DC Steady/ Flashing QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ	  • QTG(A) □□(M)L - WIZ : Same wiring including buzzer type • QTG□□L └Lens diameter 60(60mm) : QTG60(M)L 70(70mm) : QTG70(M)L
AC Steady/ Flashing QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ	  • QTG(A) □□(M)L - WIZ : Same wiring including buzzer type • QTG□□L └Lens diameter 60(60mm) : QTG60(M)L 70(70mm) : QTG70(M)L

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signal line standard : UL1007 AWG22(0.3sq) 400mm