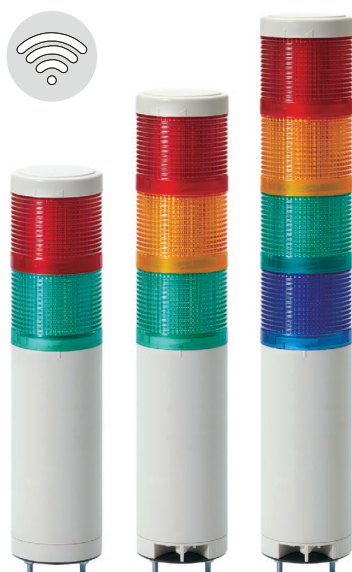


Wireless LED Steady/ Flashing Tower Light

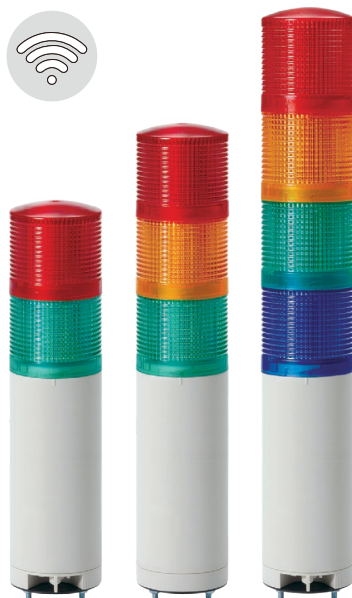
QTG60ML-WIZ



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



QTG60ML-WIZ Series



QTGA60ML-WIZ Series

PRODUCT SPECIFICATION

QTG60(M)L-WIZ
QTG70(M)L-WIZ

Materials Lens-PC, Housing-ABS

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

Volume Max. 85dB at 1m

Protection rating IP54/IP65

Compliant with RoHS directive

- 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 protocol : Zigbee(IEEE802.15.4)



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

Model number	Layers	Voltage	Certificates	Weight	Color
QTG60ML-WIZ Steady	1	DC12V		0.32kg	● R-Red
		DC24V		0.32kg	
		AC110V-220V		0.36kg	
QTG60ML-WIZ-BZ Steady w/built-in buzzer	2	DC12V		0.37kg	● R-Red ● G-Green
		DC24V		0.37kg	
		AC110V-220V		0.41kg	
QTG60MLF-WIZ Steady/Flashing	3	DC12V	KC CE FCC	0.42kg	● R-Red ● A-Amber ● G-Green
QTG60MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer		DC24V		0.42kg	
		AC110V-220V		0.46kg	
QTGA60ML-WIZ Steady	4	DC12V		0.47kg	● R-Red ● A-Amber ● G-Green ● B-Blue
QTGA60ML-WIZ-BZ Steady w/built-in buzzer		DC24V		0.47kg	
		AC110V-220V		0.51kg	
QTGA60MLF-WIZ Steady/Flashing	5	DC12V		0.52kg	● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White
QTGA60MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer		DC24V		0.52kg	
		AC110V-220V		0.56kg	

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

※ KC Certification: DC24V, CE RED compliant: DC24V, AC110V-220V, FCC Complaint: DC24V, AC110V-220V

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V-220V
Light source current(1 layer)	130mA	85mA	Max.65mA
Buzzer current	35mA	30mA	Max.40mA

Customization

- High volume buzzer option can be fitted to the top of the product(Lens should be within 4 layers)
- 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

Wiring Instructions

- External power line
UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line
UL1007 AWG22(0.3sq) 400mm
- LED tower light can be wiring with External Contact and transistor

Ordering Specifications

















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

Wireless LED Steady/ Flashing Tower Light

QTG60L-WIZ



QTG60L-WIZ Ø60mm Pole mount, LED Steady/Flashing Type

Model number	Layers	Voltage	Certificates	Weight	Color
QTG60L-WIZ Steady	1	DC12V DC24V AC110V-220V	 	0.50kg 0.50kg 0.53kg	 R-Red
QTG60L-WIZ-BZ Steady w/built-in buzzer	2	DC12V DC24V AC110V-220V		0.55kg 0.55kg 0.58kg	 R-Red  G-Green
QTG60LF-WIZ Steady/Flashing					
QTG60LF-WIZ-BZ Steady/Flashing w/ built-in buzzer	3	DC12V DC24V AC110V-220V		0.60kg 0.60kg 0.63kg	 R-Red  A-Amber  G-Green
QTGA60L-WIZ Steady	4	DC12V DC24V AC110V-220V		0.65kg 0.65kg 0.68kg	 R-Red  A-Amber  G-Green  B-Blue
QTGA60L-WIZ-BZ Steady w/built-in buzzer					
QTGA60LF-WIZ Steady/Flashing					
QTGA60LF-WIZ-BZ Steady/Flashing w/ built-in buzzer	5	DC12V DC24V AC110V-220V		0.70kg 0.70kg 0.73kg	 R-Red  A-Amber  G-Green  B-Blue W-White

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

※ KC Certification: DC24V, CE RED compliant: DC24V, AC110V-220V, FCC Complaint: DC24V, AC110V-220V

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V-220V
Light source current(1 layer)	130mA	85mA	Max.65mA
Buzzer current	35mA	30mA	Max.40mA

Wiring Instructions

- External power line UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line UL1007 AWG22(0.3sq) 400mm
- LED tower light can be wired by using transistor and External Contact

Mounting bracket

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

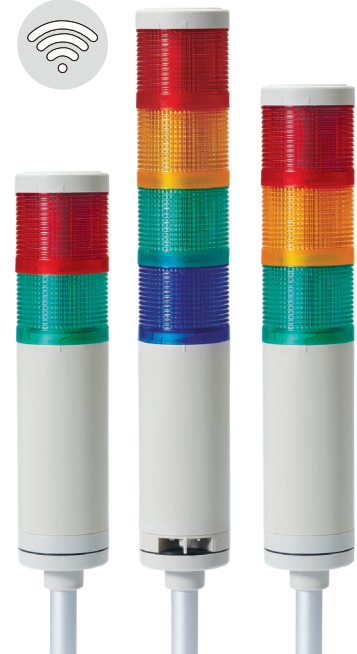
※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions

Customization

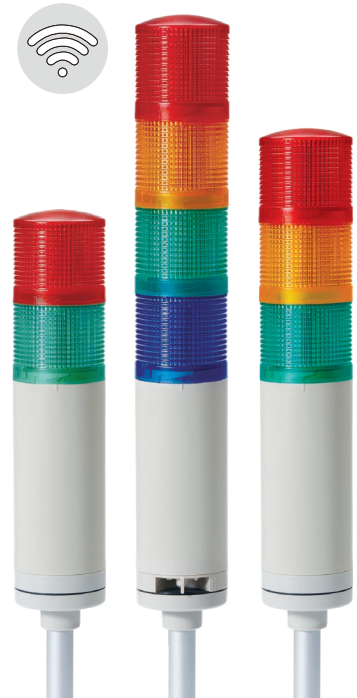
- Customized pole length available
- High volume buzzer option can be fitted to the top of the product(Lens should be within 4 layers)

Ordering Specifications

QTG60L-WIZ	-	3	-	110/220	-	RAG	-	LW18
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
QTG60L-WIZ		1-1 Layers		12-DC12V		● R-Red		None-Standard
QTG60L-WIZ-BZ		2-2 Layers		24-DC24V		● A-Amber		Bracket
QTG60LF-WIZ		3-3 Layers		110/220-AC110V-220V		● G-Green		-LB18 -LW18
QTG60LF-WIZ-BZ		4-4 Layers				● B-Blue		-QZ18 -SZ18
QTGA60L-WIZ		5-5 Layers				○ W-White		-QL18 -SL18
QTGA60L-WIZ-BZ								
QTGA60LF-WIZ								
QTGA60LF-WIZ-BZ								



QTG60L-WIZ Series



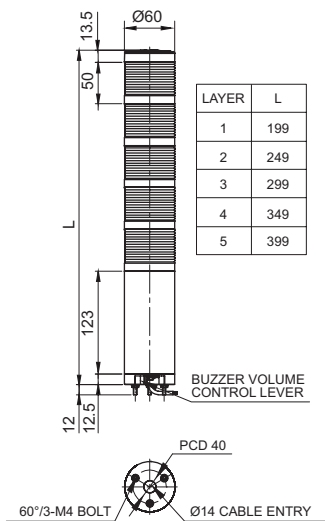
QTGA60L-WIZ Series

QTG-WIZ Series

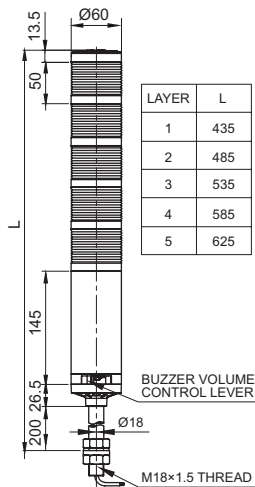
Technical Diagram

Units : mm

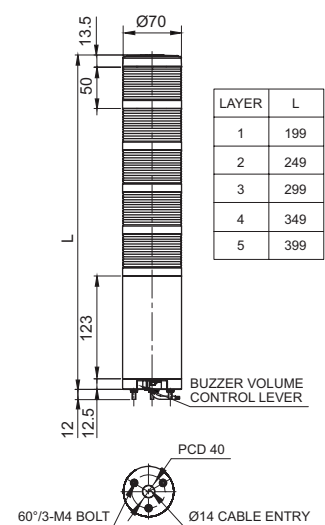
·QTG60ML(F)-WIZ Series



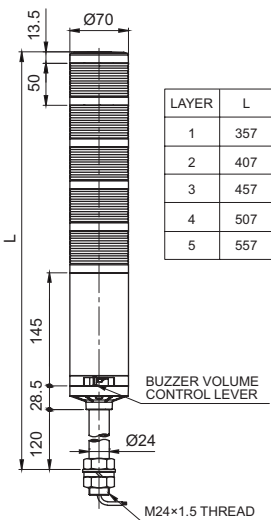
·QTG60L(F)-WIZ Series



·QTG70ML(F)-WIZ Series



·QTG70L(F)-WIZ Series



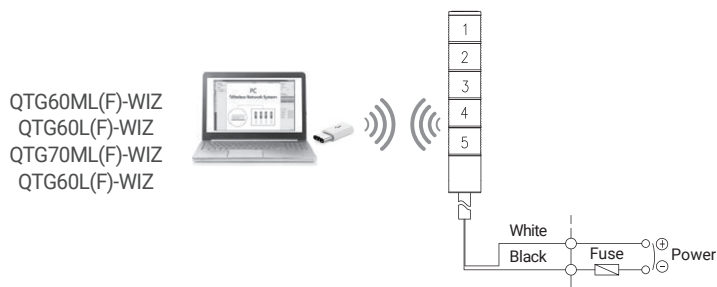
Wiring Instructions

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

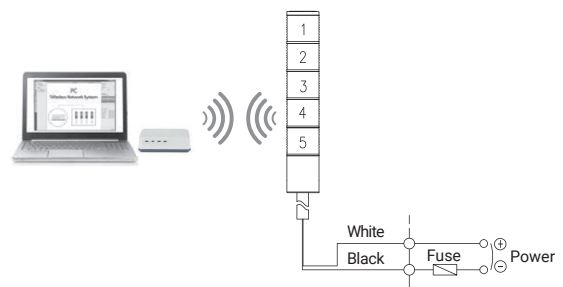
Connection by USB

AC/DC Steady/
Flashing

Connection via USB Dongle



Connection via Gateway

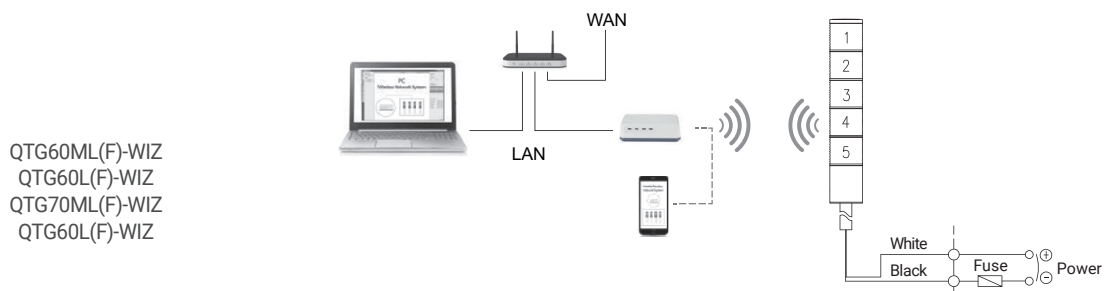


Suitable for single or small-scaled network. Can connect up to 32 devices

Connection by Ethernet

AC/DC Steady/
Flashing

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)

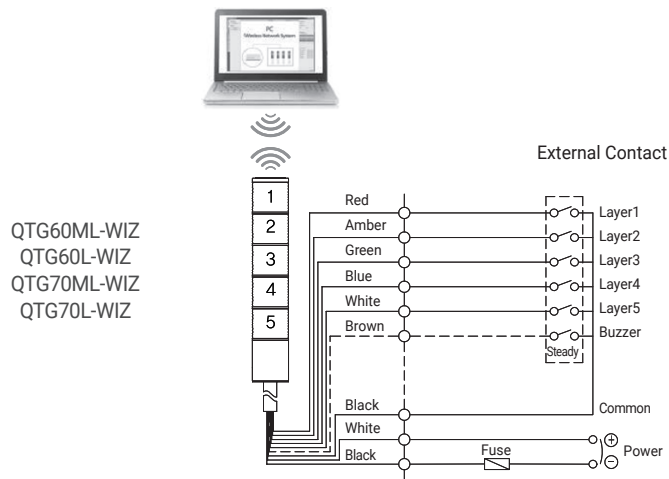
- AC steady, AC/DC steady/flashing type cable specification: External power line UL1015 AWG18(0.75sq) x 2C 400mm

Wiring Instructions

- In case of wiring with External Contacts, refer to the wiring diagrams below according to your product's type and voltage setting.
- You can monitor status of tower light and control them via wireless network.

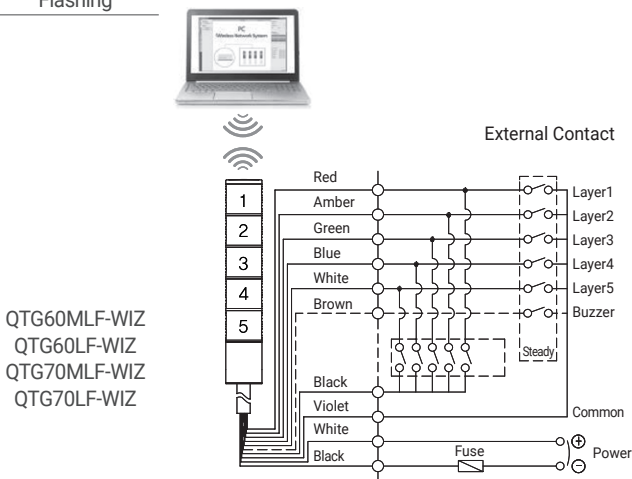
External Contact

AC/DC Steady



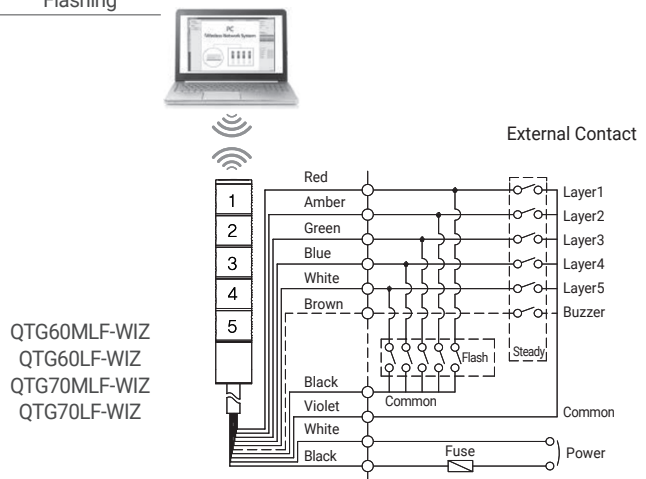
- QTG(A) □□ (M)L - WIZ: Buzzer same wiring instruction
- QTG □□ L
 □ Lens diameter 60(60mm): QTG60(M)L
 □ Lens diameter 70(70mm): QTG70(M)L

DC Steady/ Flashing



- QTG(A) □□ (M)L - WIZ: Buzzer same wiring instruction
- QTG □□ L
 □ Lens diameter 60(60mm): QTG60(M)L
 □ Lens diameter 70(70mm): QTG70(M)L

AC Steady/ Flashing



- QTG(A) □□ (M)L - WIZ: Buzzer same wiring instruction
- QTG □□ L
 □ Lens diameter 60(60mm): QTG60(M)L
 □ Lens diameter 70(70mm): QTG70(M)L

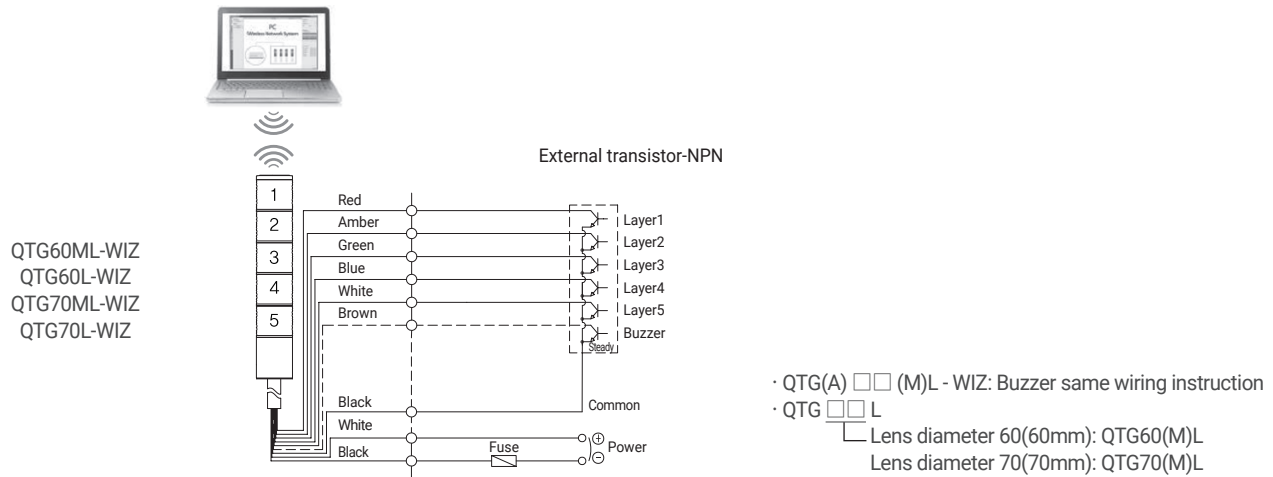
- DC steady type cable specification: External power line/External signal line UL1007 AWG22(0.3sq) 400mm
- AC steady, AC/DC steady/flashing type cable specification: External power line UL1015 AWG18(0.75sq) x 2C 400mm
 External signal line UL1007 AWG22(0.3sq) 400mm

Wiring Instructions

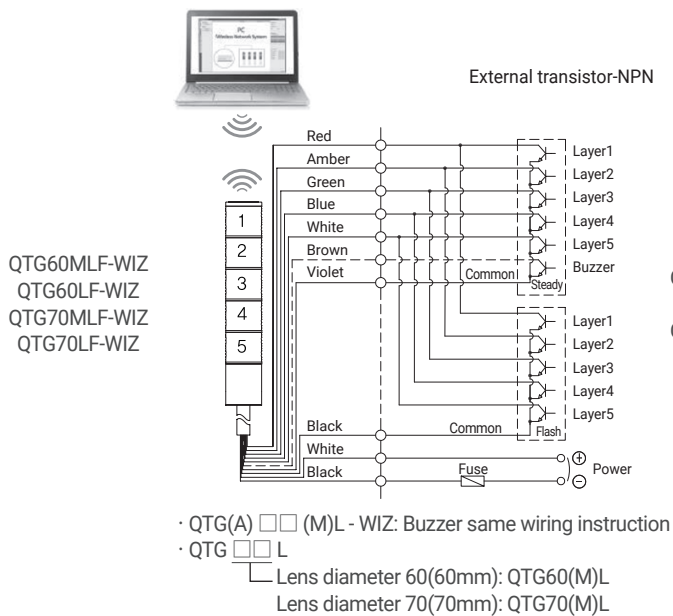
· Wiring to transistor, use the NPN transistor. Please wire properly based on wiring instructions below.

External Transistor

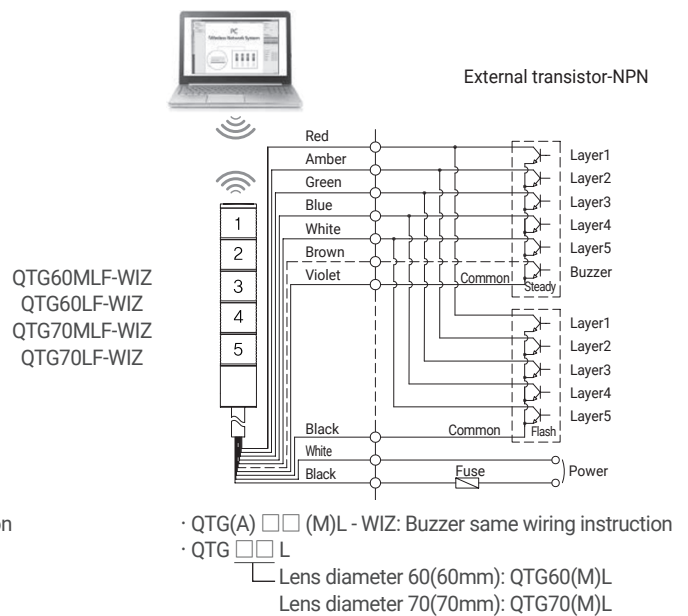
AC/DC Steady



DC
Steady/Flashing



AC
Steady/Flashing



- DC steady type cable specification: External power line/External signal line UL1007 AWG22(0.3sq) 400mm
- AC steady, AC/DC steady/flashing type cable specification: External power line UL1015 AWG18(0.75sq) x 2C 400mm
External signal line UL1007 AWG22(0.3sq) 400mm