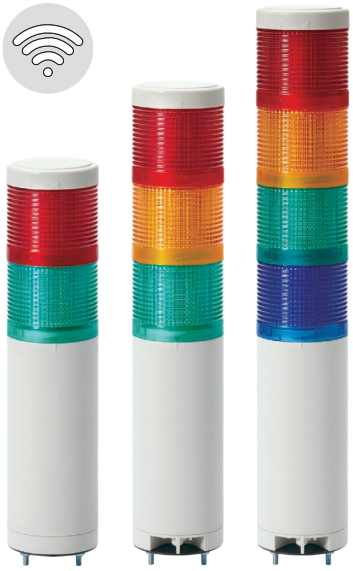
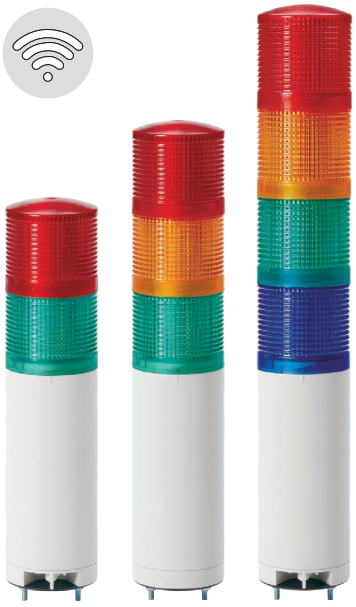
QTG60ML-WIZ

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

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 QTG60ML-WIZ-BZ Steady w/built-in buzzer	1	DC24V AC110V-220V	KC CE FC	0.32kg 0.36kg	R-Red
QTG60MLF-WIZ Steady/Flashing QTG60MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer	2	DC24V AC110V-220V		0.37kg 0.41kg	R-Red G-Green
	3	DC24V AC110V-220V		0.42kg 0.46kg	R-Red A-Amber G-Green
QTGA60ML-WIZ Steady QTGA60ML-WIZ-BZ Steady w/built-in buzzer QTGA60MLF-WIZ Steady/Flashing	4	DC24V AC110V-220V		0.47kg 0.51kg	R-Red A-Amber G-Green B-Blue
QTGA60MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer	5	DC24V AC110V-220V		0.52kg 0.56kg	R-Red A-Amber G-Green B-Blue W-White

※ AC type model has a free-voltage range of 100V-240V
※ KC Certification: DC24V

Light source/buzzer current(based on 1 layer)

Voltage	DC24V	AC110V-220V
Light source current(1 layer)	85mA	Max.65mA
Buzzer current	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 Specification

QTG60ML-WIZ	-	3	-	110/220	-	RAG

[Model number]
QTG60ML-WIZ
QTG60ML-WIZ-BZ
QTG60MLF-WIZ
QTG60MLF-WIZ-BZ
QTGA60ML-WIZ
QTGA60ML-WIZ-BZ
QTGA60MLF-WIZ
QTGA60MLF-WIZ-BZ

[Layers]
1-1 Layer
2-2 Layers
3-3 Layers
4-4 Layers
5-5 Layers

[Voltage]
24-DC24V
110/220-AC110V-220V

[Color]
R-Red
A-Amber
G-Green
B-Blue
W-White

QTG60L-WIZ

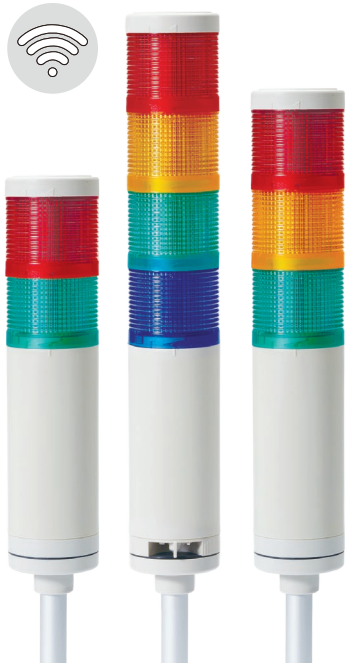
IP54 | IP65 | +50℃ -30℃ | BUZZER | 85dB | NPN | RoHS | WIRELESS

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

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



QTG60L-WIZ Series

Light source/buzzer current(based on 1 layer)

Voltage	DC24V	AC110V-220V
Light source current(1 layer)	85mA	Max.65mA
Buzzer current	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	SLB370
							
Steel	Steel	ABS	ABS	Al	ABS	Al	PC, Steel

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

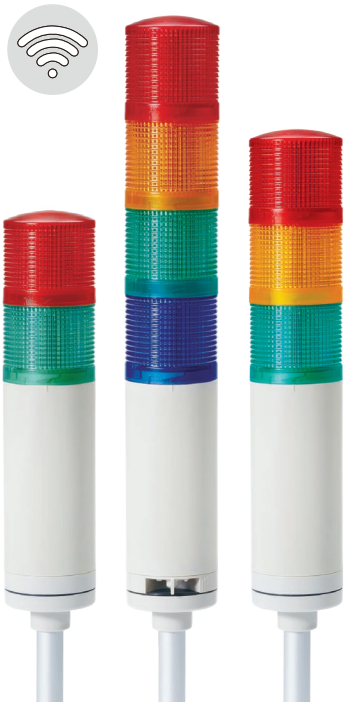
Customization

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

Ordering Specification

QTG60L-WIZ	-	3	-	110/220	-	RAG	-	LW18

[Model number]	[Layers]	[Voltage]	[Color]	[Bracket]
QTG60L-WIZ QTG60L-WIZ-BZ QTG60LF-WIZ QTG60LF-WIZ-BZ QTGA60L-WIZ QTGA60L-WIZ-BZ QTGA60LF-WIZ QTGA60LF-WIZ-BZ	1-1 Layer 2-2 Layers 3-3 Layers 4-4 Layers 5-5 Layers	24-DC24V 110/220-AC110V-220V	R-Red A-Amber G-Green B-Blue W-White	None-Standard Bracket -LB18 -LW18 -QZ18 -SZ18 -QL18 -SL18 -SLB370



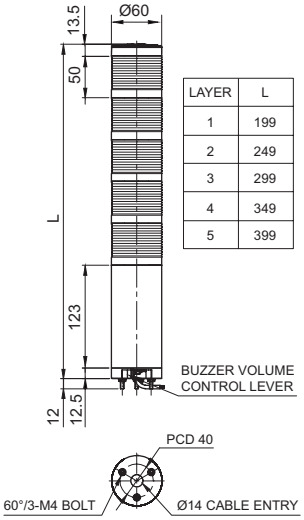
QTGA60L-WIZ Series

QTG-WIZ Series

Technical Diagram

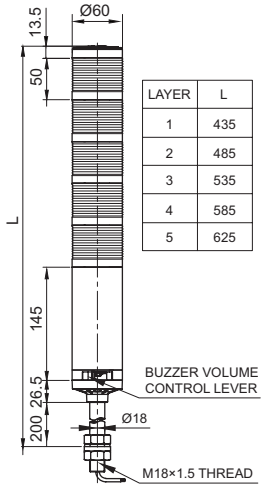
Units : mm

·QTG60ML(F)-WIZ Series



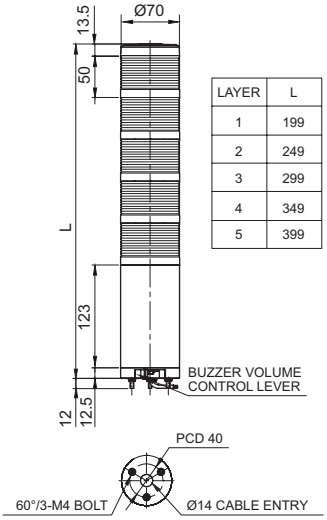
LAYER	L
1	199
2	249
3	299
4	349
5	399

·QTG60L(F)-WIZ Series



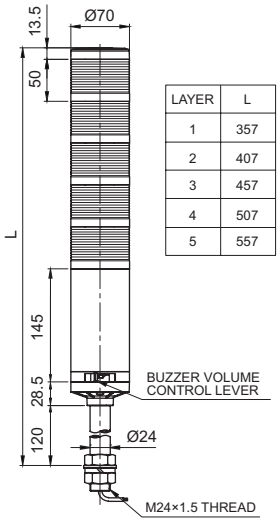
LAYER	L
1	435
2	485
3	535
4	585
5	625

·QTG70ML(F)-WIZ Series



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

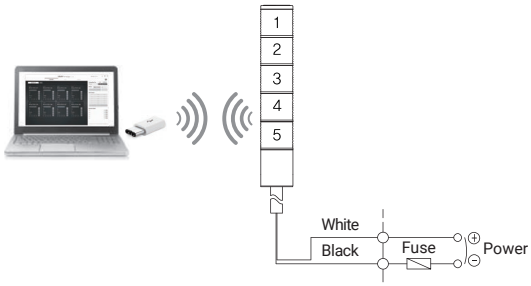
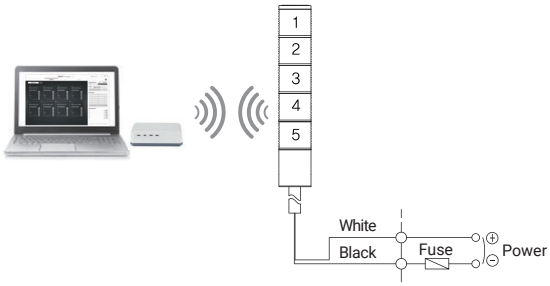
·QTG70L(F)-WIZ Series

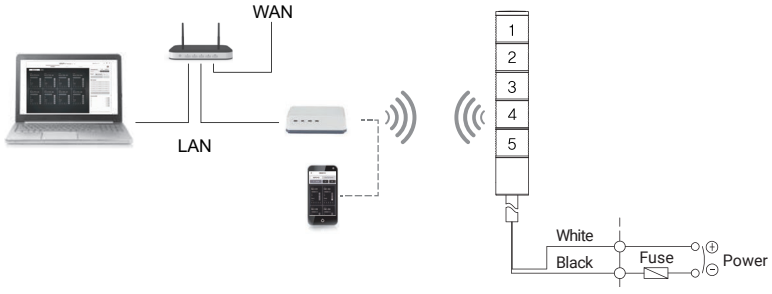


LAYER	L
1	357
2	407
3	457
4	507
5	557

Wiring Instructions

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

Connection by USB		
AC/DC Steady/ Flashing	Connection via USB Dongle	Connection via Gateway
QTG60ML(F)-WIZ QTG60L(F)-WIZ QTG70ML(F)-WIZ QTG60L(F)-WIZ		
	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
QTG60ML(F)-WIZ QTG60L(F)-WIZ QTG70ML(F)-WIZ QTG60L(F)-WIZ	
	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)

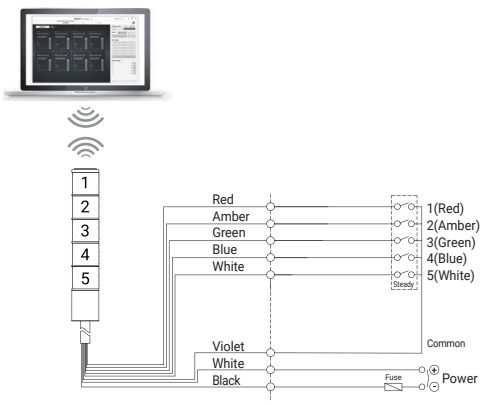
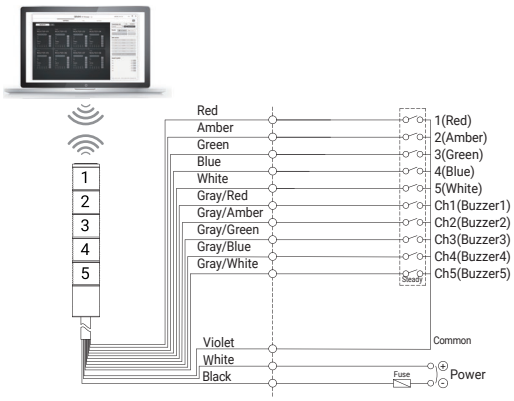
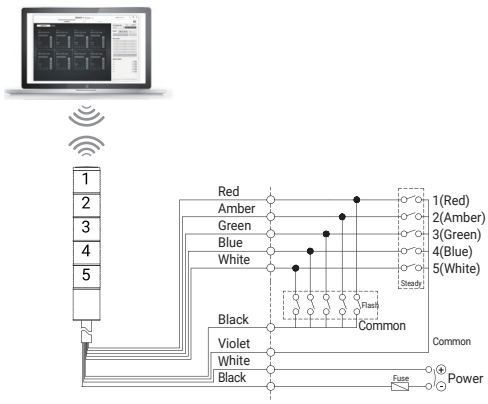
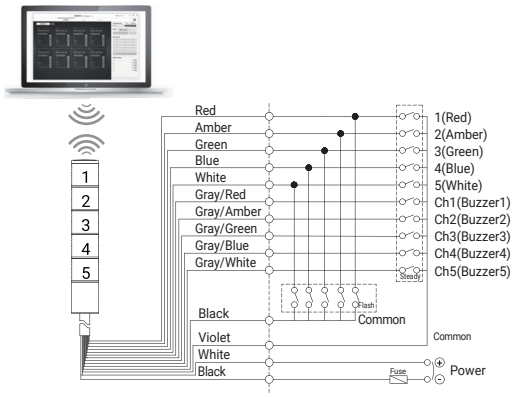
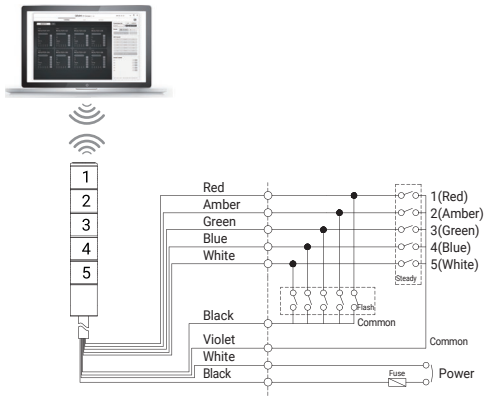
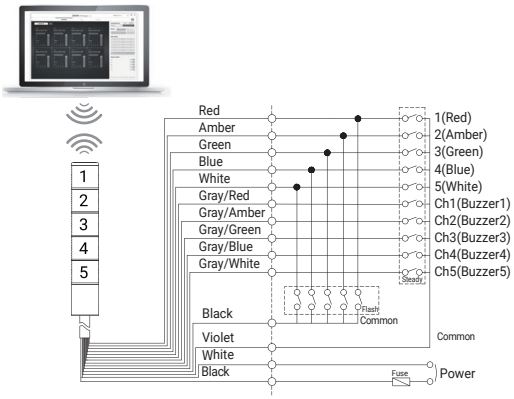
· AC steady, AC/DC steady/flashing type cable specification: External power line - UL1015 AWG18(0.75sq) x 2C 400mm

QTG-WIZ Series

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.

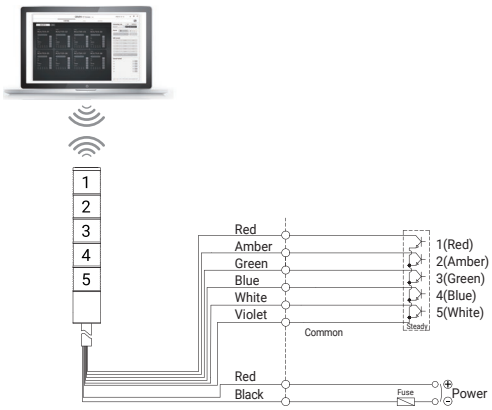
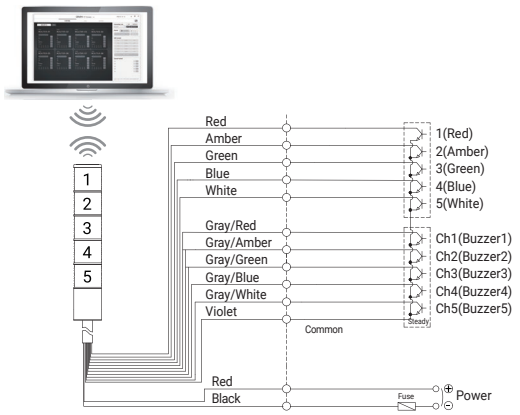
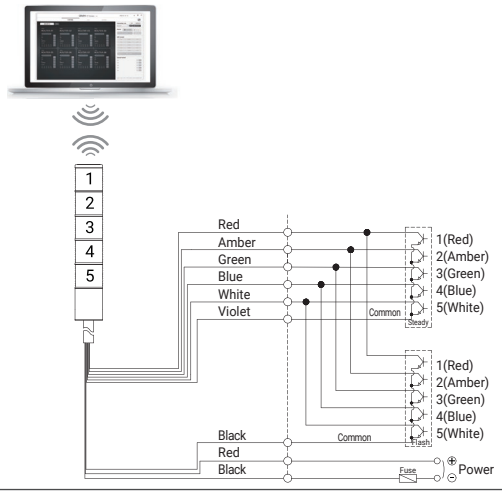
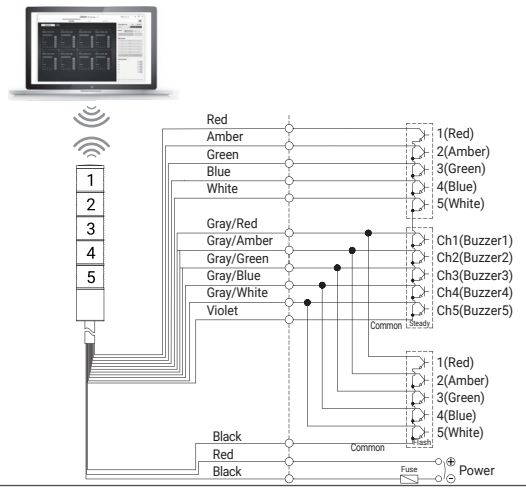
Wiring using external contact

AC/DC Steady	Standard type	Buzzer type
QTG60ML-WIZ QTG60L-WIZ QTG70ML-WIZ QTG70L-WIZ		
DC Steady/ Flashing	Standard type	Buzzer type
QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ		
AC Steady/ Flashing	Standard type	Buzzer type
QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ		

Wiring Instructions

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

Wiring using transistor

AC/DC Steady	Standard type	Buzzer type
QTG60ML-WIZ QTG60L-WIZ QTG70ML-WIZ QTG70L-WIZ		
DC Steady/ Flashing	Standard type	Buzzer type
QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ		
AC Steady/ Flashing	Standard type	Buzzer type
QTG60MLF-WIZ QTG60LF-WIZ QTG70MLF-WIZ QTG70LF-WIZ	