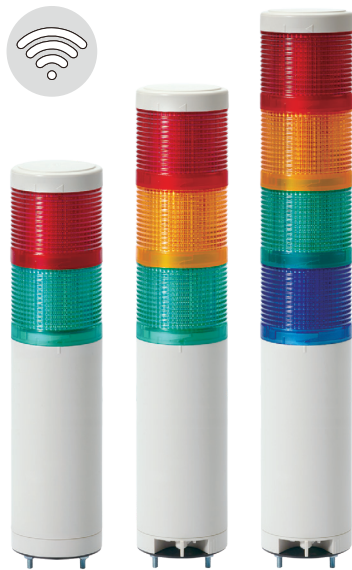


Wireless LED Steady/ Flashing Tower Light

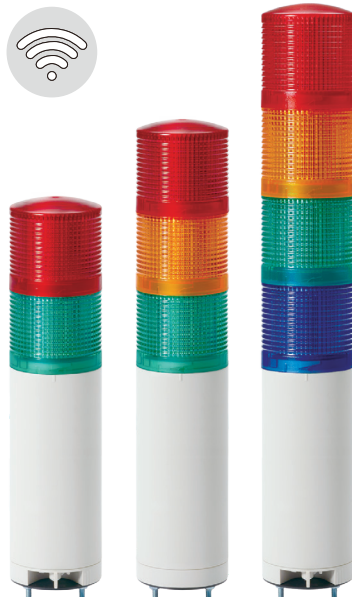
QTG60ML-WIZ



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	DC24V AC110V-220V		0.32kg 0.36kg	● R-Red
QTG60ML-WIZ-BZ Steady w/built-in buzzer	2	DC24V AC110V-220V		0.37kg 0.41kg	● R-Red
QTG60MLF-WIZ Steady/Flashing					● G-Green
QTG60MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer	3	DC24V AC110V-220V	CE	0.42kg 0.46kg	● R-Red ● A-Amber ● G-Green
QTGA60ML-WIZ Steady	4	DC24V AC110V-220V	CE FC	0.47kg 0.51kg	● R-Red
QTGA60ML-WIZ-BZ Steady w/built-in buzzer					● A-Amber
QTGA60MLF-WIZ Steady/Flashing	5	DC24V AC110V-220V		0.52kg 0.56kg	● R-Red
QTGA60MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer					● 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]		[Layers]		[Voltage]		[Color]
QTG60ML-WIZ		1-1 Layer		24-DC24V		● R-Red
QTG60ML-WIZ-BZ		2-2 Layers		110/220-AC110V-220V		● A-Amber
QTG60MLF-WIZ		3-3 Layers				● 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

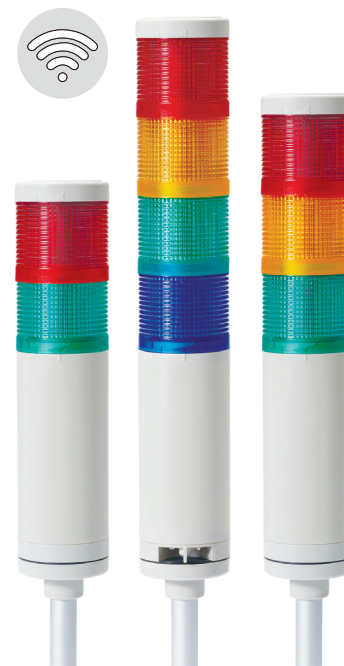


QTG60L-WIZ ø60mm Pole mount, LED Steady/Flashing Type

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

※ 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
Steel	Steel	ABS	ABS	Al	ABS	Al

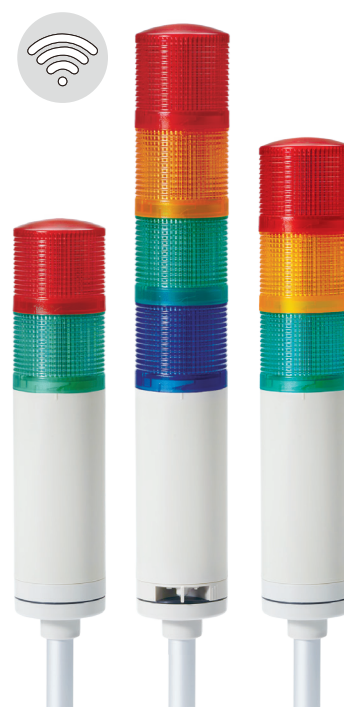
※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions

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 Specification

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



QTGA60L-WIZ Series

Wireless LED Steady/ Flashing Tower Light

QTG70ML-WIZ



QTG70ML-WIZ Series

QTG70ML-WIZ Ø70mm Direct mount, LED Steady/Flashing Type

Model number	Layers	Voltage	Certificates	Weight	Color
QTG70ML-WIZ Steady	1	DC24V AC110V-220V		0.38kg 0.41kg	● R-Red
QTG70ML-WIZ-BZ Steady w/built-in buzzer	2	DC24V AC110V-220V		0.44kg 0.47kg	● R-Red
QTG70MLF-WIZ Steady/Flashing					● G-Green
QTG70MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer	3	DC24V AC110V-220V	KC CE FC	0.50kg 0.53kg	● R-Red ● A-Amber ● G-Green
QTGA70ML-WIZ Steady	4	DC24V AC110V-220V		0.56kg 0.59kg	● R-Red ● A-Amber ● G-Green ● B-Blue
QTGA70ML-WIZ-BZ Steady w/built-in buzzer			5		DC24V AC110V-220V
QTGA70MLF-WIZ Steady/Flashing					
QTGA70MLF-WIZ-BZ Steady/Flashing w/ built-in buzzer					

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

※ KC Certification: DC24V

Light source/buzzer current(based on 1 layer)

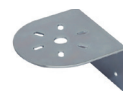
Voltage	DC24V	AC110V-220V
Light source current(1 layer)	85mA	Max.65mA
Buzzer current	30mA	Max.40mA

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

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
TWS80



Wall mount bracket
TWA80

Ordering Specification

QTG70ML-WIZ	-	3	-	110/220	-	RAG
[Model number]		[Layers]		[Voltage]		[Color]
QTG70ML-WIZ		1-1 Layer		24-DC24V		● R-Red
QTG70ML-WIZ-BZ		2-2 Layers		110/220-AC110V-220V		● A-Amber
QTG70MLF-WIZ		3-3 Layers				● G-Green
QTG70MLF-WIZ-BZ		4-4 Layers				● B-Blue
QTGA70ML-WIZ		5-5 Layers				○ W-White
QTGA70ML-WIZ-BZ						
QTGA70MLF-WIZ						
QTGA70MLF-WIZ-BZ						

Wireless LED Steady/ Flashing Tower Light

QTG70L-WIZ

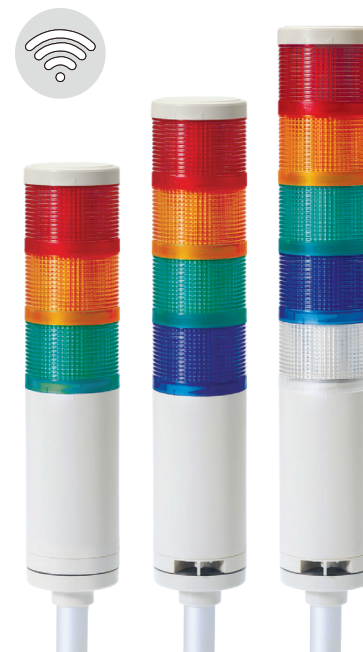


QTG70L-WIZ Ø70mm Pole Mount, LED Steady/Flashing Type

Model number	Layers	Voltage	Certificates	Weight	Color
QTG70L-WIZ Steady	1	DC24V AC110V-220V		0.60kg 0.63kg	● R-Red
QTG70L-WIZ-BZ Steady w/built-in buzzer	2	DC24V AC110V-220V		0.66kg 0.69kg	● R-Red
QTG70LF-WIZ Steady/Flashing					● G-Green
QTG70LF-WIZ-BZ Steady/Flashing w/ built-in buzzer	3	DC24V AC110V-220V	KC CE FC	0.72kg 0.75kg	● R-Red ● A-Amber ● G-Green
QTGA70L-WIZ Steady	4	DC24V AC110V-220V			0.78kg 0.81kg
QTGA70L-WIZ-BZ Steady w/built-in buzzer					
QTGA70LF-WIZ Steady/Flashing	5	DC24V AC110V-220V		0.84kg 0.87kg	● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White
QTGA70LF-WIZ-BZ Steady/Flashing w/ built-in buzzer					

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

※ KC Certification: DC24V



QTG70L-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

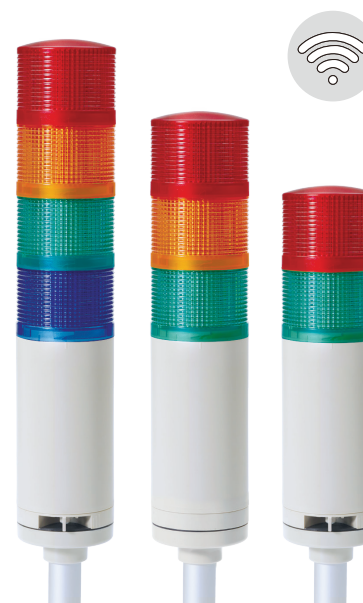
Mounting Bracket

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



QTGA70L-WIZ Series

Ordering Specification

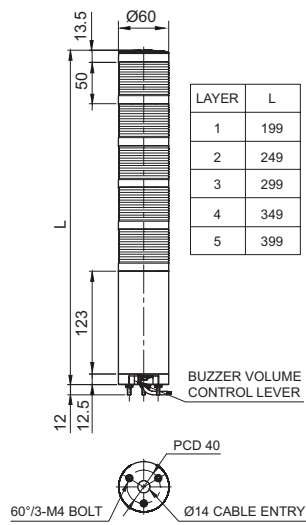
QTG70L-WIZ	-	3	-	110/220	-	RAG	-	LW24
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
QTG70L-WIZ		1-1 Layer		24-DC24V		● R-Red		None-Standard
QTG70L-WIZ-BZ		2-2 Layers		110/220-AC110V-220V		● A-Amber		Bracket
QTG70LF-WIZ		3-3 Layers				● G-Green		-LB24 -LW24
QTG70LF-WIZ-BZ		4-4 Layers				● B-Blue		-QZ24 -SZ24
QTGA70L-WIZ		5-5 Layers				○ W-White		-QL24 -SL24
QTGA70L-WIZ-BZ								
QTGA70LF-WIZ								
QTGA70LF-WIZ-BZ								

QTG-WIZ Series

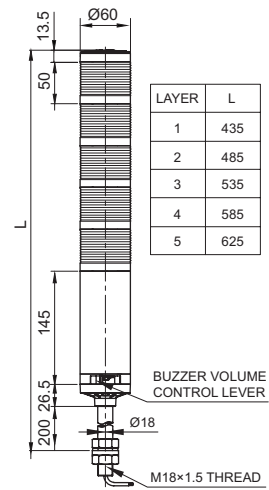
Technical Diagram

Units : mm

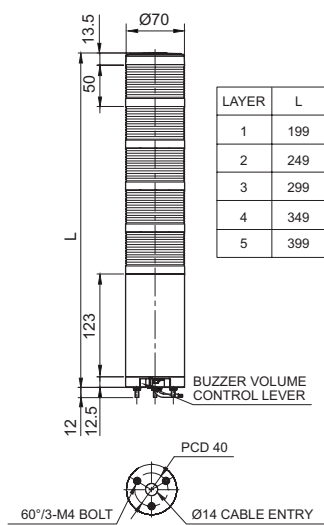
·QTG60ML(F)-WIZ Series



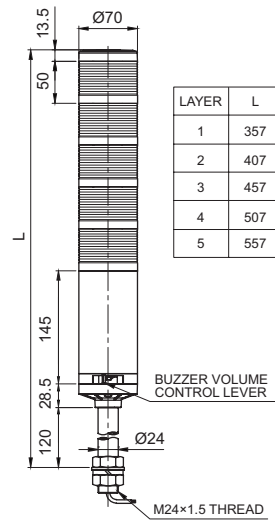
·QTG60L(F)-WIZ Series



·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

QTG60ML(F)-WIZ
QTG60L(F)-WIZ
QTG70ML(F)-WIZ
QTG60L(F)-WIZ



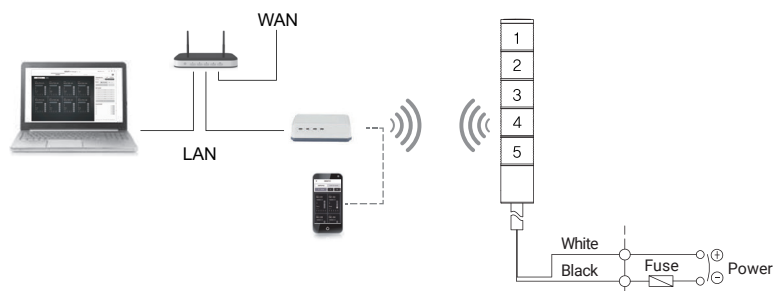
Suitable for single or small-scaled network. Can connect up to 32 devices

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

Wireless LED Steady/ Flashing Tower Light

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		
AC Steady/ Flashing		

Wiring Instructions

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

