

PRODUCT SPECIFICATION

QTG Series

Materials Lens-PC, Housing-ABS, Pole-Al

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

Volume Max.85dB at 1m

Protection rating Standard type-IP65, Built-in buzzer type-IP54

Flashing rate 60-80/min

Compliant with RoHS directive

- Modular LED steady/flashing type signal tower lights
- Excellent visibility from a distance with the use of a special color diffusing lens
- Can select from size selections of Ø50mm, Ø60mm, and Ø70mm to fit your sophisticated application needs
- The addition of modules and change in color arrangement can be achieved without the use of tools by using the Lock-type structure
- QTGA type offers a nifty integrated lens and cover for a simple aesthetically pleasing product
- A variety of Mounting bracket selections for the pole mount type to fit your location and mounting needs
- Standard model and built-in buzzer model can be used by selecting the specifications suitable for the operating environment.
- Available in 2 customized options; sounds buzzer type and high volume(100dB) buzzer type
- Wired type and M12 connector type allow for a customized model that M12 connector can be attached at the end of wires.
- Transistors can be connected and can be operated on PLC directly



Each modular color lens can be added without additional tools



QTG model uses a special contact structure for stable operation, the lens modules lock into place by rotating the modular structures together. This allows for easy changes to the color arrangement without any tools. Additional modules can be added.



1 High volume buzzer(100dB) option can be fitted to the top of the product(Customization).
High volume 100dB volume buzzer module fastened to the top of the product provides 360 degree buzzer signal output which cannot be achieved with the single directional buzzer.(Buzzer volume cannot be adjusted)

2 Integrated cover and lens model(QTGA50 / QTGA60 / QTGA70)
QTGA50 / QTGA60 / QTGA70 the sleek lens cover model is made of one piece for a simple unified look.

3 Buzzer volume is adjusted via the volume control lever
QTG type volume can be adjusted for each specific working condition with the equipped buzzer volume control lever at the bottom of the product.(-BZ type)

4 M12 connector attached type(Customization)
Pre-wired is standard. Can customize the product with the M12 connector if requested.

5 Can select from a variety of Mounting brackets option to fit your application needs and build environment
There are a variety of Mounting bracket options available depending on cost and installation requirements.



QTG50L Ø50mm Pole mount, LED Steady/Flashing

Model number	Layers	Voltage	Certificates	Weight	Color
QTG50L Steady	1	DC12V	CE UL	0.34kg	● R-Red
QTG50L Steady w/built-in buzzer		DC24V		0.34kg	
QTG50L-BZ		AC110V-220V		0.44kg	
QTG50LF Steady/Flashing	2	DC12V		0.43kg	● R-Red
QTG50LF Steady/Flashing w/ built-in buzzer		DC24V		0.43kg	● G-Green
QTG50LF-BZ	3	DC12V		0.51kg	● R-Red
QTG50LF Steady/Flashing		DC24V		0.51kg	● A-Amber
QTG50LF Steady/Flashing w/ built-in buzzer		AC110V-220V		0.61kg	● G-Green
QTGA50L Steady	4	DC12V		0.60kg	● R-Red
QTGA50L Steady w/built-in buzzer		DC24V		0.60kg	● A-Amber
QTGA50L-BZ		AC110V-220V		0.70kg	● G-Green
QTGA50LF Steady/Flashing	5	DC12V		0.68kg	● R-Red
QTGA50LF Steady/Flashing w/ built-in buzzer		DC24V		0.68kg	● A-Amber
QTGA50LF Steady/Flashing		DC24V		0.68kg	● G-Green
QTGA50LF Steady/Flashing w/ built-in buzzer		AC110V-220V		0.78kg	● B-Blue

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

※ UL Listed: DC24V



QTG50L Series

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V-220V
Light source current(1 layer)	90mA	70mA	Max.55mA
Buzzer current	40mA	75mA	Max.55mA

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



QTGA50L Series

Ordering Specifications

QTG50L	-	3	-	110/220	-	RAG	-	LW18
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
QTG50L		1-1 Layers		12-DC12V		● R-Red		· None-Standard
QTG50L-BZ		2-2 Layers		24-DC24V		● A-Amber		· Bracket
QTG50LF		3-3 Layers		110/220-AC110V-220V		● G-Green		· LB18 -LW18
QTG50LF-BZ		4-4 Layers				● B-Blue		· QZ18 -SZ18
QTGA50L		5-5 Layers				○ W-White		· QL18 -SL18
QTGA50L-BZ								
QTGA50LF								
QTGA50LF-BZ								

Customization

- 2 buzzer sound types : Both prolonged(beep, beep) and staccato(beep, beep, beep) buzzer output available
- DC24V voltage UL listed product
- M12 connector attached type
- Customized pole length available
- Top high-volume buzzer module mounted (lens limited to 4 stages or less)