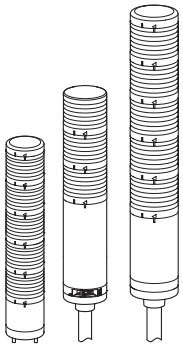
# Modular LED Signal Tower Lights

# QTG50/ QTG60/ QTG70



Thank you for purchasing Qlight's products. Please read this user manual carefully prior to installation and operation to ensure safe and correct use.

## ⚠ Precautions for Safety

Failure to follow the instructions below may cause a loss of life or serious physical injury.

1. During wiring or maintenance, please completely turn off the power of the product. (Failure to follow this may lead to an electric shock.)
2. Do not install the product in locations that subjects it to excessive dust or water other than the conditions designated by the IP protection ratings indicated for each product. (Failure to follow these instructions may cause a fire to the product, electric shock, physical injury, malfunction or damage to the product.)
3. Do not alter or repair this product. If maintenance or repair service is required, please contact your local Qlight contact point. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
4. Please apply the correct voltage to the product. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
5. When the product is applied to a condition that may impact lives or property, please make sure to have a double safety device. (Failure to follow this may cause damage to property, fire, electric shock and loss of life.)

## ⚠ Precautions for Correct Use

Failure to follow the proper instructions may cause damage to property, the product, or malfunction of the product that would void the warranty.

1. Please remove any objects that can interrupt ventilation around the product.
2. Please turn off the power of the product immediately if it fails to operate properly.
3. Carefully wire the product according to each product's specification.
4. Please be careful in preventing chemicals such as thinner, benzene, etc. in contact with the surface of the product.
5. Do not apply excessive force/impact to the product.
6. Failure to follow any of the instructions above may cause malfunction or damage to the product, fire, and electric shock.

## Ordering Specifications

| QTG50/ 60/ 70L | - | 3 | - | 110/220 | - | RAG | - | LW18/24 |
|---|---|---|---|---|---|---|---|---|
| [Model number] | | [Layer count] | | [Voltage] | | [Color] | | [Bracket] |
| • QTG50/ 60/ 70L<br>• QTG50/ 60/ 70L-BZ<br>• QTG50/ 60/ 70LF<br>• QTG50/ 60/ 70LF-BZ<br>• QTGA50/ 60/ 70L<br>• QTGA50/ 60/ 70L-BZ<br>• QTGA50/ 60/ 70LF<br>• QTGA50/ 60/ 70LF-BZ | | • 1 Layer<br>• 2 Layers<br>• 3 Layers<br>• 4 Layers<br>• 5 Layers | | • 12-DC12V<br>• 24-DC24V<br>• 110/220<br>-AC110V-220V | | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White | | • None-Standard<br>• Bracket<br>- LB18/24 - LW18/24<br>- QZ18/24 - SZ18/24<br>- QL18/24 - SL18/24<br>- SLB370 |

| QTG50/ 60/ 70ML | - | 3 | - | 110/220 | - | RAG |
|---|---|---|---|---|---|---|
| [Model number] | | [Layer count] | | [Voltage] | | [Color] |
| • QTG50/ 60/ 70ML<br>• QTG50/ 60/ 70ML-BZ<br>• QTG50/ 60/ 70MLF<br>• QTG50/ 60/ 70MLF-BZ<br>• QTGA50/ 60/ 70ML<br>• QTGA50/ 60/ 70ML-BZ<br>• QTGA50/ 60/ 70MLF<br>• QTGA50/ 60/ 70MLF-BZ | | • 1 Layer<br>• 2 Layers<br>• 3 Layers<br>• 4 Layers<br>• 5 Layers | | • 12-DC12V<br>• 24-DC24V<br>• 110/220-AC110V-220V | | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

Please scan the QR code for more detailed product information.

www.qlight.com

## Product Specifications

**• QTG50L**

| Model number | Layer count | Voltage | Certificate | Weight | Color |
|---|---|---|---|---|---|
| QTG50L<br>Steady | 1 | DC12V<br>DC24V<br>AC110V-220V | CE<br>UL | 0.34kg<br>0.34kg<br>0.44kg | R-Red |
| QTG50L-BZ<br>Steady w/ built-in buzzer<br>QTG50LF<br>Steady/Flashing | 2 | DC12V<br>DC24V<br>AC110V-220V | | 0.43kg<br>0.43kg<br>0.53kg | R-Red<br>G-Green |
| QTG50LF-BZ<br>Steady/Flashing w/ built-in buzzer<br>QTGA50L<br>Steady | 3 | DC12V<br>DC24V<br>AC110V-220V | | 0.51kg<br>0.51kg<br>0.61kg | R-Red<br>A-Amber<br>G-Green |
| QTGA50L-BZ<br>Steady w/ built-in buzzer<br>QTGA50LF<br>Steady/Flashing | 4 | DC12V<br>DC24V<br>AC110V-220V | | 0.60kg<br>0.60kg<br>0.70kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue |
| QTGA50LF-BZ<br>Steady/Flashing w/ built-in buzzer | 5 | DC12V<br>DC24V<br>AC110V-220V | | 0.68kg<br>0.68kg<br>0.78kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

| Light source/buzzer current(based on 1 layer) | | | |
|---|---|---|---|
| Voltage condition | DC12V | DC24V | AC110-220V |
| Light source current (1 layer) | 90mA | 70mA | Max.55mA |
| Buzzer current | 40mA | 75mA | Max.55mA |

**• QTG60L**

| Model number | Layer count | Voltage | Certificate | Weight | Color |
|---|---|---|---|---|---|
| QTG60L<br>Steady | 1 | DC12V<br>DC24V<br>AC110V-220V | CE<br>UL | 0.26kg<br>0.26kg<br>0.36kg | R-Red |
| QTG60L-BZ<br>Steady w/ built-in buzzer<br>QTG60LF<br>Steady/Flashing | 2 | DC12V<br>DC24V<br>AC110V-220V | | 0.34kg<br>0.34kg<br>0.44kg | R-Red<br>G-Green |
| QTG60LF-BZ<br>Steady/Flashing w/ built-in buzzer<br>QTGA60L<br>Steady | 3 | DC12V<br>DC24V<br>AC110V-220V | | 0.43kg<br>0.43kg<br>0.53kg | R-Red<br>A-Amber<br>G-Green |
| QTGA60L-BZ<br>Steady w/ built-in buzzer<br>QTGA60LF<br>Steady/Flashing | 4 | DC12V<br>DC24V<br>AC110V-220V | | 0.51kg<br>0.51kg<br>0.61kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue |
| QTGA60LF-BZ<br>Steady/Flashing w/ built-in buzzer | 5 | DC12V<br>DC24V<br>AC110V-220V | | 0.59kg<br>0.59kg<br>0.69kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

| Light source/buzzer current(based on 1 layer) | | | |
|---|---|---|---|
| Voltage condition | DC12V | DC24V | AC110-220V |
| Light source current (1 layer) | 105mA | 70mA | Max.60mA |
| Buzzer current | 40mA | 75mA | Max.55mA |

**• QTG70L**

| Model number | Layer count | Voltage | Certificate | Weight | Color |
|---|---|---|---|---|---|
| QTG70L<br>Steady | 1 | DC12V<br>DC24V<br>AC110V-220V | CE<br>UL | 0.42kg<br>0.42kg<br>0.52kg | R-Red |
| QTG70L-BZ<br>Steady w/ built-in buzzer<br>QTG70LF<br>Steady/Flashing | 2 | DC12V<br>DC24V<br>AC110V-220V | | 0.56kg<br>0.56kg<br>0.66kg | R-Red<br>G-Green |
| QTG70LF-BZ<br>Steady/Flashing w/ built-in buzzer<br>QTGA70L<br>Steady | 3 | DC12V<br>DC24V<br>AC110V-220V | | 0.77kg<br>0.77kg<br>0.87kg | R-Red<br>A-Amber<br>G-Green |
| QTGA70L-BZ<br>Steady w/ built-in buzzer<br>QTGA70LF<br>Steady/Flashing | 4 | DC12V<br>DC24V<br>AC110V-220V | | 0.92kg<br>0.92kg<br>1.02kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue |
| QTGA70LF-BZ<br>Steady/Flashing w/ built-in buzzer | 5 | DC12V<br>DC24V<br>AC110V-220V | | 1.07kg<br>1.07kg<br>1.17kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

| Light source/buzzer current(based on 1 layer) | | | |
|---|---|---|---|
| Voltage condition | DC12V | DC24V | AC110-220V |
| Light source current (1 layer) | 105mA | 70mA | Max.60mA |
| Buzzer current | 40mA | 75mA | Max.55mA |

※ QTG series UL listed : DC24V

• **QTG50ML**

| Model number | Layer count | Voltage | Certificate | Weight | Color |
|---|---|---|---|---|---|
| QTG50ML<br>Steady | 1 | DC12V<br>DC24V<br>AC110V-220V | CE<br>UL | 0.19kg<br>0.19kg<br>0.29kg | R-Red |
| QTG50ML-BZ<br>Steady w/ built-in buzzer<br>QTG50MLF<br>Steady/Flashing | 2 | DC12V<br>DC24V<br>AC110V-220V | | 0.27kg<br>0.27kg<br>0.37kg | R-Red<br>G-Green |
| QTG50MLF-BZ<br>Steady/Flashing w/ built-in buzzer<br>QTGA50ML<br>Steady | 3 | DC12V<br>DC24V<br>AC110V-220V | | 0.36kg<br>0.36kg<br>0.46kg | R-Red<br>A-Amber<br>G-Green |
| QTGA50ML-BZ<br>Steady w/ built-in buzzer<br>QTGA50MLF<br>Steady/Flashing | 4 | DC12V<br>DC24V<br>AC110V-220V | | 0.44kg<br>0.44kg<br>0.54kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue |
| QTGA50MLF-BZ<br>Steady/Flashing w/ built-in buzzer | 5 | DC12V<br>DC24V<br>AC110V-220V | | 0.53kg<br>0.53kg<br>0.63kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

| Light source/buzzer current(based on 1 layer) | | | |
|---|---|---|---|
| Voltage condition | DC12V | DC24V | AC110-220V |
| Light source current (1 layer) | 0.090A | 0.070A | Max.0.055A |
| Buzzer current | 0.040A | 0.075A | Max.0.055A |

• **QTG60ML**

| Model number | Layer count | Voltage | Certificate | Weight | Color |
|---|---|---|---|---|---|
| QTG60ML<br>Steady | 1 | DC12V<br>DC24V<br>AC110V-220V | CE<br>UL | 0.26kg<br>0.26kg<br>0.36kg | R-Red |
| QTG60ML-BZ<br>Steady w/ built-in buzzer<br>QTG60MLF<br>Steady/Flashing | 2 | DC12V<br>DC24V<br>AC110V-220V | | 0.34kg<br>0.34kg<br>0.44kg | R-Red<br>G-Green |
| QTG60MLF-BZ<br>Steady/Flashing w/ built-in buzzer<br>QTGA60ML<br>Steady | 3 | DC12V<br>DC24V<br>AC110V-220V | | 0.43kg<br>0.43kg<br>0.53kg | R-Red<br>A-Amber<br>G-Green |
| QTGA60ML-BZ<br>Steady w/ built-in buzzer<br>QTGA60MLF<br>Steady/Flashing | 4 | DC12V<br>DC24V<br>AC110V-220V | | 0.51kg<br>0.51kg<br>0.61kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue |
| QTGA60MLF-BZ<br>Steady/Flashing w/ built-in buzzer | 5 | DC12V<br>DC24V<br>AC110V-220V | | 0.59kg<br>0.59kg<br>0.69kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

| Light source/buzzer current(based on 1 layer) | | | |
|---|---|---|---|
| Voltage condition | DC12V | DC24V | AC110-220V |
| Light source current (1 layer) | 0.105A | 0.070A | Max.0.060A |
| Buzzer current | 0.040A | 0.075A | Max.0.055A |

• **QTG70ML**

| Model number | Layer count | Voltage | Certificate | Weight | Color |
|---|---|---|---|---|---|
| QTG70ML<br>Steady | 1 | DC12V<br>DC24V<br>AC110V-220V | CE<br>UL | 0.42kg<br>0.42kg<br>0.52kg | R-Red |
| QTG70ML-BZ<br>Steady w/ built-in buzzer<br>QTG70MLF<br>Steady/Flashing | 2 | DC12V<br>DC24V<br>AC110V-220V | | 0.56kg<br>0.56kg<br>0.66kg | R-Red<br>G-Green |
| QTG70MLF-BZ<br>Steady/Flashing w/ built-in buzzer<br>QTGA70ML<br>Steady | 3 | DC12V<br>DC24V<br>AC110V-220V | | 0.77kg<br>0.77kg<br>0.87kg | R-Red<br>A-Amber<br>G-Green |
| QTGA70ML-BZ<br>Steady w/ built-in buzzer<br>QTGA70MLF<br>Steady/Flashing | 4 | DC12V<br>DC24V<br>AC110V-220V | | 0.92kg<br>0.92kg<br>1.02kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue |
| QTGA70MLF-BZ<br>Steady/Flashing w/ built-in buzzer | 5 | DC12V<br>DC24V<br>AC110V-220V | | 1.07kg<br>1.07kg<br>1.17kg | R-Red<br>A-Amber<br>G-Green<br>B-Blue<br>W-White |

| Light source/buzzer current(based on 1 layer) | | | |
|---|---|---|---|
| Voltage condition | DC12V | DC24V | AC110-220V |
| Light source current (1 layer) | 0.105A | 0.070A | Max.0.060A |
| Buzzer current | 0.040A | 0.075A | Max.0.055A |

## Dimensions

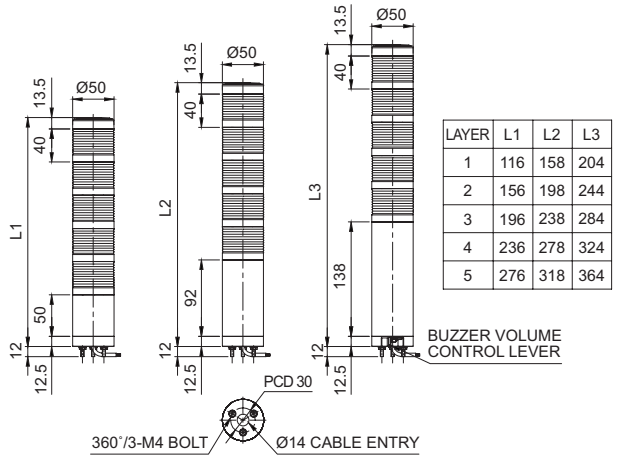
(Units : mm)

### • QTG50(M)L

QTG50ML : DC
QTG50MLF : DC
QTG50ML-BZ : DC

QTG50ML : AC
QTG50MLF-BZ : DC

QTG50MLF : AC
QTG50ML-BZ : AC
QTG50MLF-BZ : AC

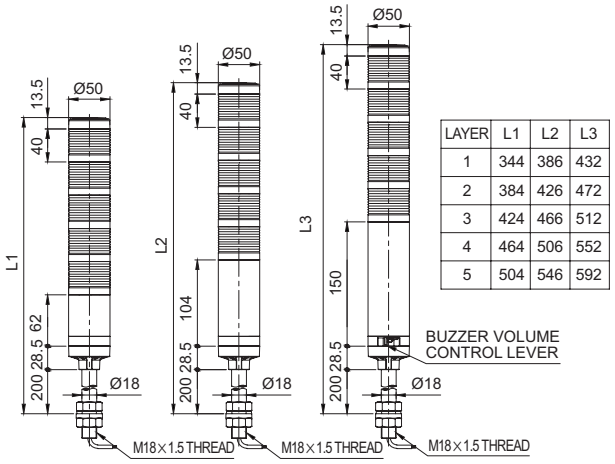



| LAYER | L1 | L2 | L3 |
|---|---|---|---|
| 1 | 116 | 158 | 204 |
| 2 | 156 | 198 | 244 |
| 3 | 196 | 238 | 284 |
| 4 | 236 | 278 | 324 |
| 5 | 276 | 318 | 364 |

QTG50L : DC
QTG50LF : DC
QTG50L-BZ : DC

QTG50L : AC
QTG50LF-BZ : DC

QTG50LF : AC
QTG50L-BZ : AC
QTG50LF-BZ : AC



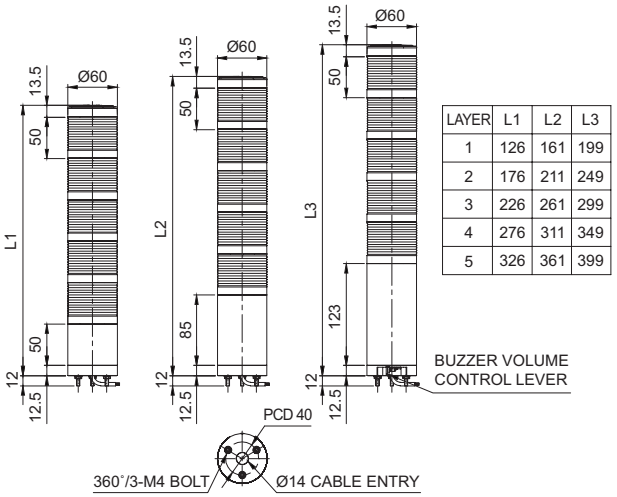

| LAYER | L1 | L2 | L3 |
|---|---|---|---|
| 1 | 344 | 386 | 432 |
| 2 | 384 | 426 | 472 |
| 3 | 424 | 466 | 512 |
| 4 | 464 | 506 | 552 |
| 5 | 504 | 546 | 592 |

### • QTG60(M)L

QTG60ML : DC
QTG60MLF : DC
QTG60ML-BZ : DC

QTG60ML : AC
QTG60MLF-BZ : DC

QTG60MLF : AC
QTG60ML-BZ : AC
QTG60MLF-BZ : AC

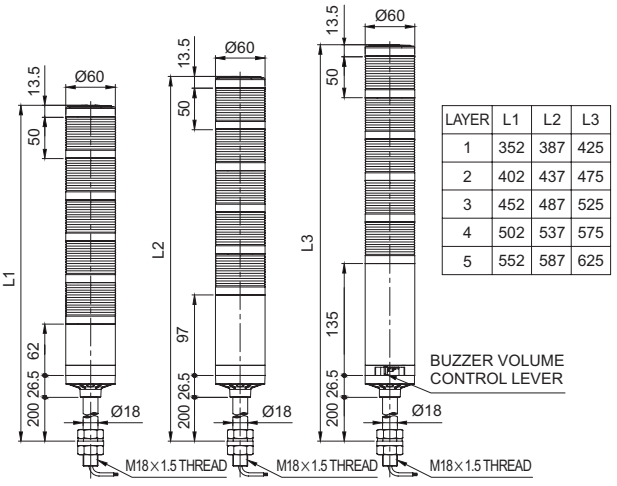



| LAYER | L1 | L2 | L3 |
|---|---|---|---|
| 1 | 126 | 161 | 199 |
| 2 | 176 | 211 | 249 |
| 3 | 226 | 261 | 299 |
| 4 | 276 | 311 | 349 |
| 5 | 326 | 361 | 399 |

QTG60L : DC
QTG60LF : DC
QTG60L-BZ : DC

QTG60L : AC
QTG60LF-BZ : DC

QTG60LF : AC
QTG60L-BZ : AC
QTG60LF-BZ : AC



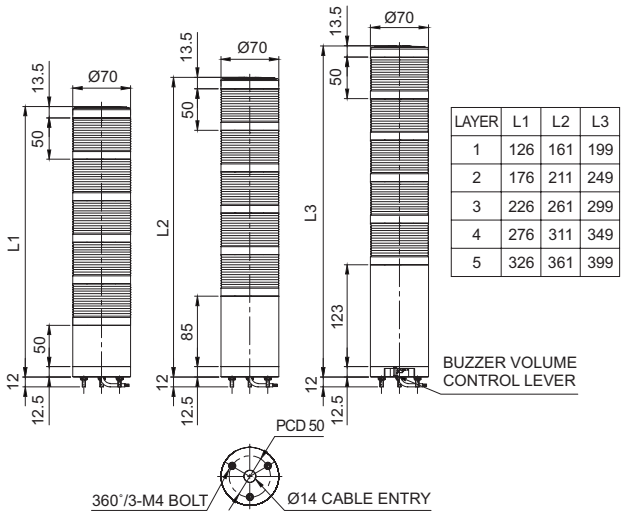

| LAYER | L1 | L2 | L3 |
|---|---|---|---|
| 1 | 352 | 387 | 425 |
| 2 | 402 | 437 | 475 |
| 3 | 452 | 487 | 525 |
| 4 | 502 | 537 | 575 |
| 5 | 552 | 587 | 625 |

### • QTG70(M)L

QTG70ML : DC
QTG70MLF : DC
QTG70ML-BZ : DC

QTG70ML : AC
QTG70MLF : AC
QTG70ML-BZ : AC
QTG70MLF-BZ : DC

QTG70MLF-BZ : AC

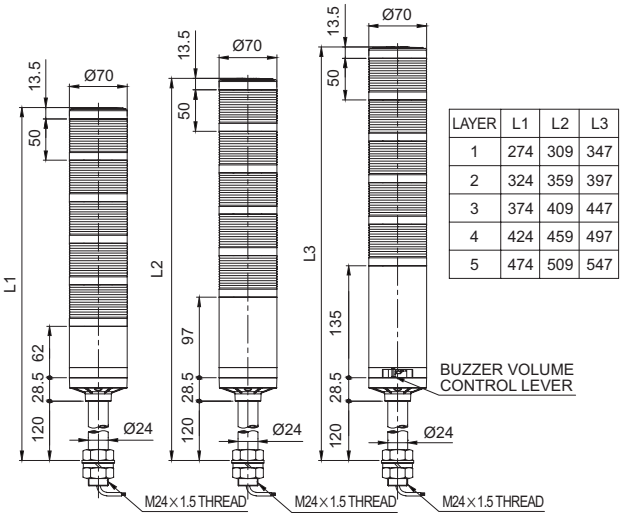



| LAYER | L1 | L2 | L3 |
|---|---|---|---|
| 1 | 126 | 161 | 199 |
| 2 | 176 | 211 | 249 |
| 3 | 226 | 261 | 299 |
| 4 | 276 | 311 | 349 |
| 5 | 326 | 361 | 399 |

QTG70L : DC
QTG70LF : DC
QTG70L-BZ : DC

QTG70L : AC
QTG70LF : AC
QTG70L-BZ : AC
QTG70LF-BZ : DC

QTG70LF-BZ : AC

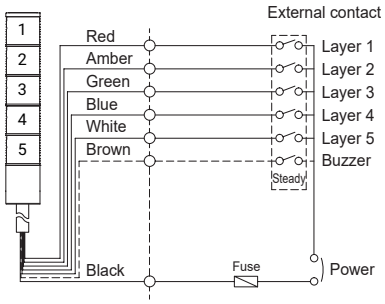
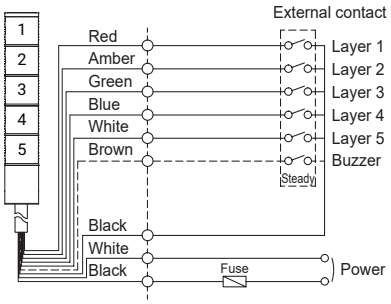
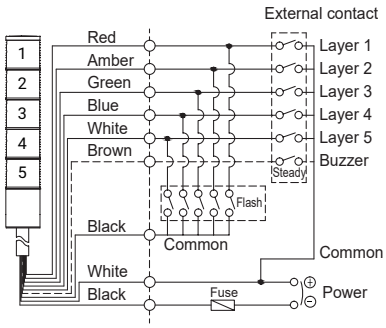
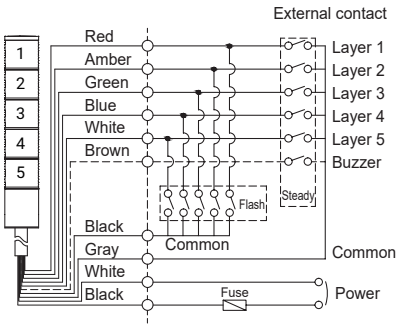



| LAYER | L1 | L2 | L3 |
|---|---|---|---|
| 1 | 274 | 309 | 347 |
| 2 | 324 | 359 | 397 |
| 3 | 374 | 409 | 447 |
| 4 | 424 | 459 | 497 |
| 5 | 474 | 509 | 547 |

## Wiring Instructions

**■ Wiring using external contact**

• In case of wiring with external contacts, refer to the wiring diagrams below according to your product's type and voltage setting.

<table>
<tr><th></th><th>Wiring diagrams</th><th></th><th>Wiring diagrams</th></tr>
<tr><td>DC Steady</td><td rowspan="2">
</td><td>AC Steady</td><td rowspan="2">
</td></tr>
<tr><td>QTG50ML<br>QTG50L<br>QTG60ML<br>QTG60L<br>QTG70ML<br>QTG70L</td><td>QTG50ML<br>QTG50L<br>QTG60ML<br>QTG60L<br>QTG70ML<br>QTG70L</td></tr>
<tr><td></td><td>• QTG(A) □□ (M)L - Buzzer same wiring instruction<br>• QTG□□L<br>└ Lens diameter 50(50mm) : QTG50(M)L<br>60(60mm) : QTG60(M)L<br>70(70mm) : QTG70(M)L</td><td></td><td>• QTG(A) □□ (M)L - Buzzer same wiring instruction<br>• QTG□□L<br>└ Lens diameter 50(50mm) : QTG50(M)L<br>60(60mm) : QTG60(M)L<br>70(70mm) : QTG70(M)L</td></tr>
<tr><td>DC Steady/Flashing</td><td rowspan="2">
</td><td>AC Steady/Flashing</td><td rowspan="2">
</td></tr>
<tr><td>QTG50MLF<br>QTG50LF<br>QTG60MLF<br>QTG60LF<br>QTG70MLF<br>QTG70LF</td><td>QTG50MLF<br>QTG50LF<br>QTG60MLF<br>QTG60LF<br>QTG70MLF<br>QTG70LF</td></tr>
<tr><td></td><td>• QTG(A) □□ (M)LF - Buzzer same wiring instruction<br>• QTG□□LF<br>└ Lens diameter 50(50mm) : QTG50(M)LF<br>60(60mm) : QTG60(M)LF<br>70(70mm) : QTG70(M)LF</td><td></td><td>• QTG(A) □□ (M)LF - Buzzer same wiring instruction<br>• QTG□□LF<br>└ Lens diameter 50(50mm) : QTG50(M)LF<br>60(60mm) : QTG60(M)LF<br>70(70mm) : QTG70(M)LF</td></tr>
</table>

• DC steady type cable specification: External power/ signal line - UL1007 AWG22(0.3sq) 400mm

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

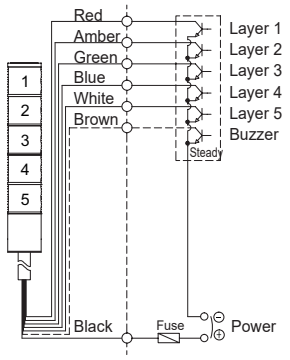
## ■ Wiring using transistor

• When using a transistor, please choose between the NPN or PNP type transistor which best matches the voltage and product type, then connect them correctly according to the wiring diagrams below.

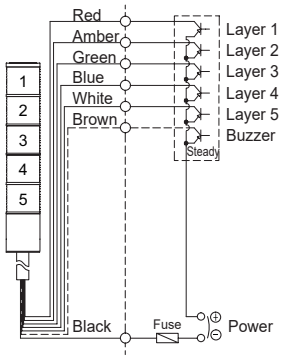
### DC Steady

QTG50ML
QTG50L
QTG60ML
QTG60L
QTG70ML
QTG70L

NPN-Transistor External transistor-NPN




PNP-Transistor External transistor-PNP

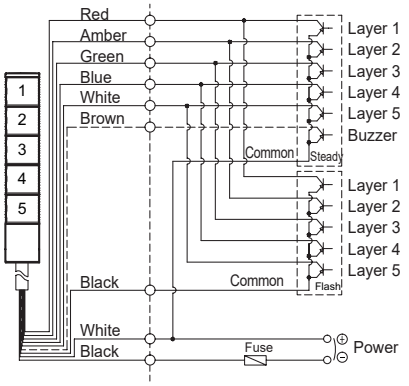



• QTG(A)□□(M)L - Buzzer same wiring instruction
• QTG□□L
└ Lens diameter 50(50mm) : QTG50(M)L
60(60mm) : QTG60(M)L
70(70mm) : QTG70(M)L

### DC Steady/Flashing

QTG50MLF
QTG50LF
QTG60MLF
QTG60LF
QTG70MLF
QTG70LF

External transistor-PNP



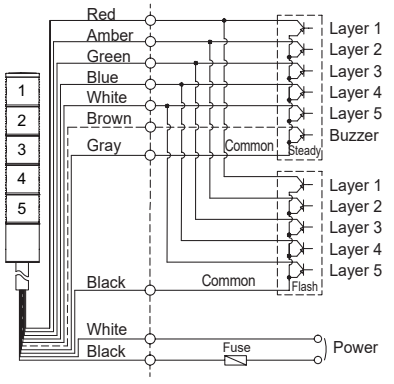

• QTG(A) □□(M)LF - Buzzer same wiring instruction

• QTG□□LF
└ Lens diameter 50(50mm) : QTG50(M)LF
60(60mm) : QTG60(M)LF
70(70mm) : QTG70(M)LF

### AC Steady/Flashing

QTG50MLF
QTG50LF
QTG60MLF
QTG60LF
QTG70MLF
QTG70LF

External transistor-PNP

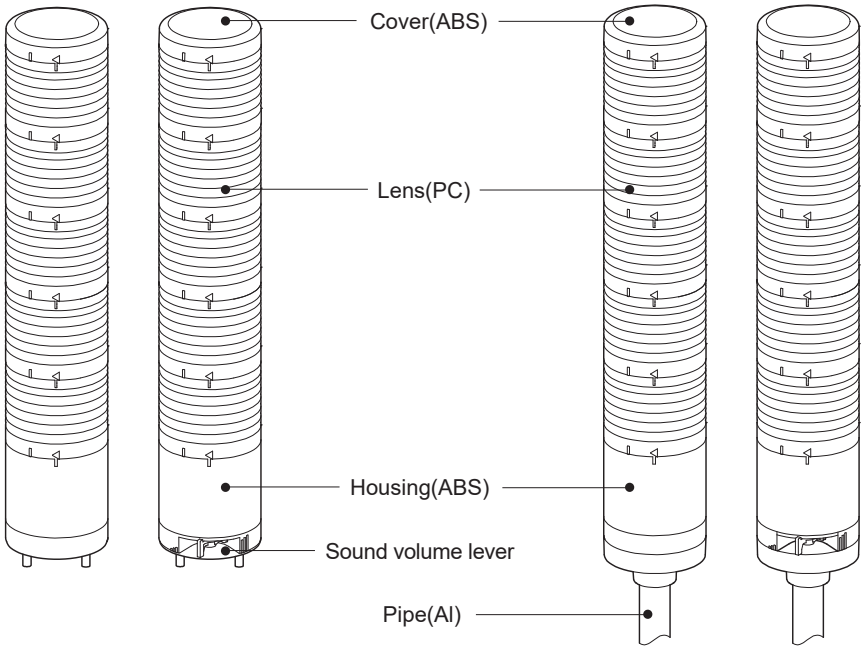



• QTG(A) □□(M)LF - Buzzer same wiring instruction

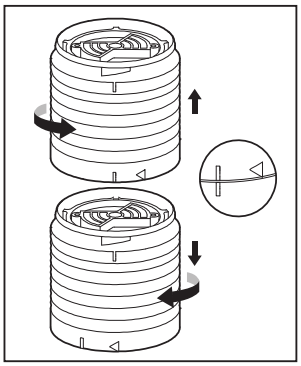
• QTG□□LF
└ Lens diameter 50(50mm) : QTG50(M)LF
60(60mm) : QTG60(M)LF
70(70mm) : QTG70(M)LF

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

## Parts Definition



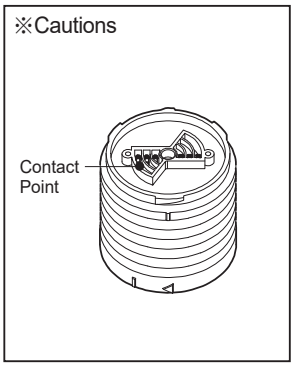

## How to Change Lens Kit



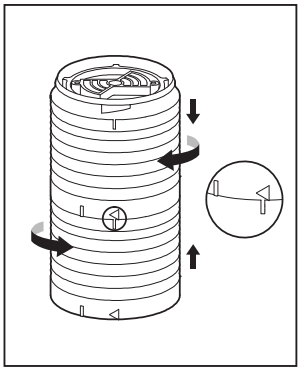
• Disassembling lens kits

① Twist the upper lens kit in a counter-wise direction so the "I" mark from both kits align.

② Disassemble by removing the upper lens kit from the lower one.




Lens modules are connected through cone-shaped contact point. In case the contact point is damaged, it may cause a contact failure.



• Assembling lens kits

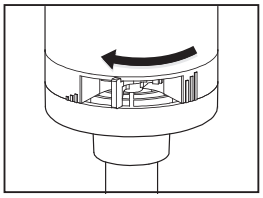
① Put the two lens kits together by aligning the upper lens' "I" mark and the lower lens' "I" mark together.

② Lock the two kits by twisting the upper lens kit in a counter-wise direction so the upper lens' "◁" mark aligns with the lower lens' "I" mark.

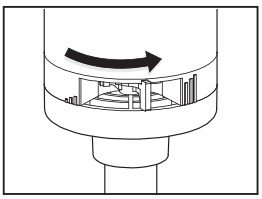
## Installation Environment and Protection Rating

- This product is designed for indoor use with protection rating of IP65(standard type) and IP54(buzzer type).
- If the product is installed in locations that subject it to excessive dust or water other than the designated IP protection rating indicated(IP65), it may cause malfunction or damage to the product.
- For further information, please visit our website(www.qlight.com).

## Buzzer Sound Volume Adjustment Instructions



Buzzer volume is reduced by sliding the volume control lever to the left as show in the diagram to the left.
( Min. 65±4dB/m )

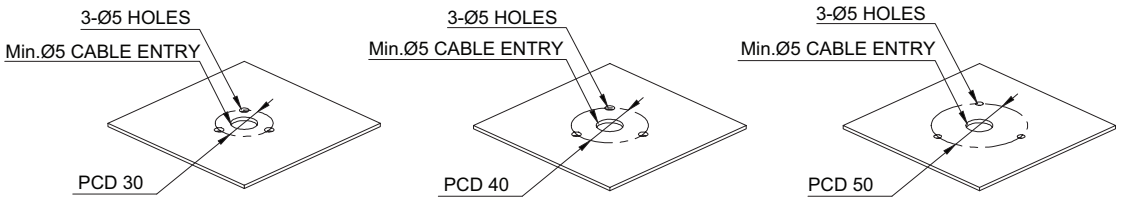


Raise/ Increase the buzzer volume by sliding the control lever to the right as shown in the diagram to the left.
( Max. 85±4dB/m )

## Mounting Hole Specifications

■ **QTG50M/ QTG60M/ QTG70M -Direct Mounting Type Model**

① Machine holes on the mounting surface referring to the diagram below.




QTG50M QTG60M QTG70M

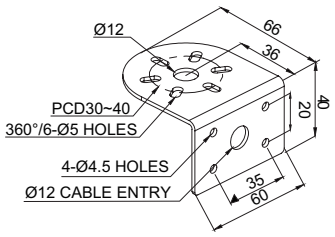
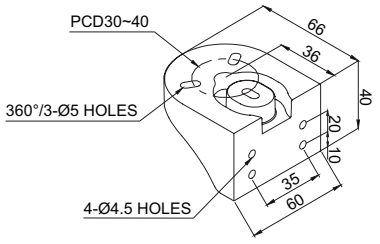
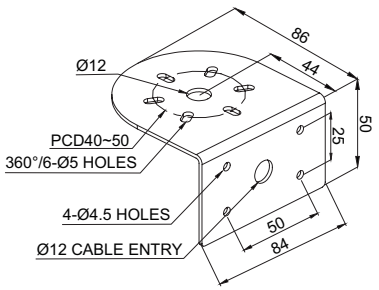
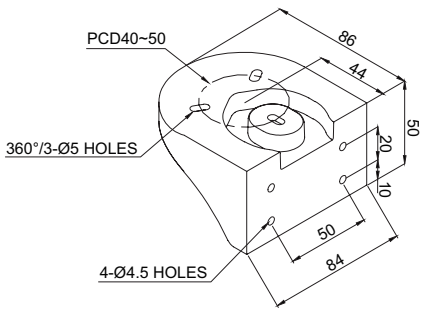
② Remove the flange nuts from bolts and place the product through the mounting surface holes.

③ Fasten the flange nuts on the opposite side of the mounting surface until the product is tightened securely.

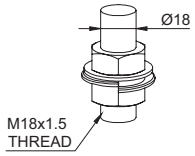
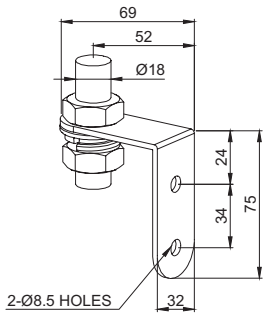
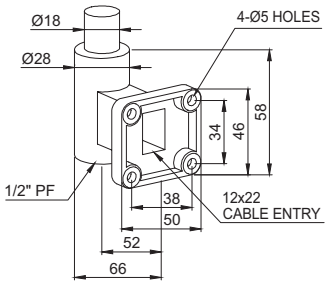
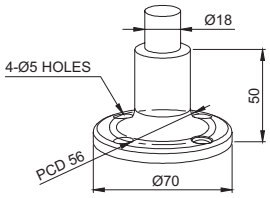
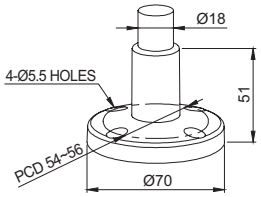
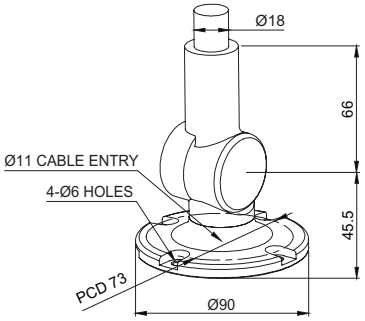
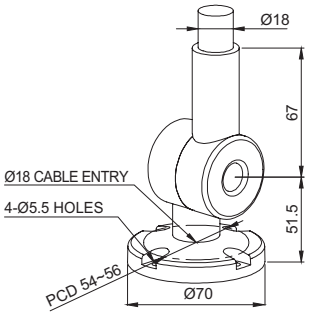
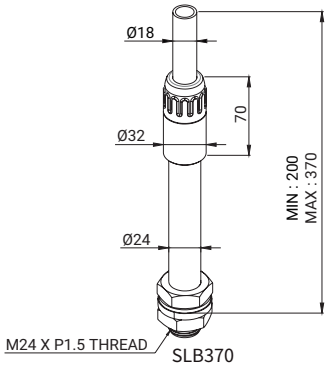
## Mounting Accessories (Sold Separately)

• Please refer to the dimensions below for installation of mounting brackets.

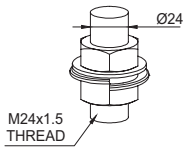
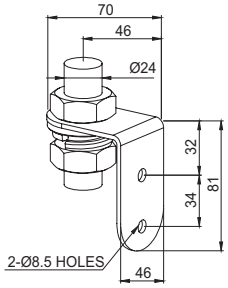
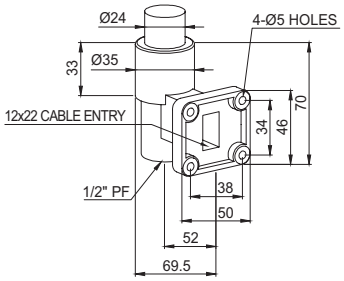
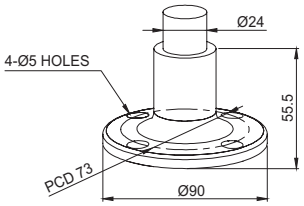
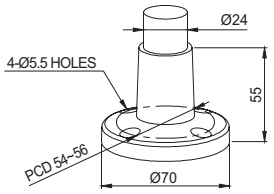
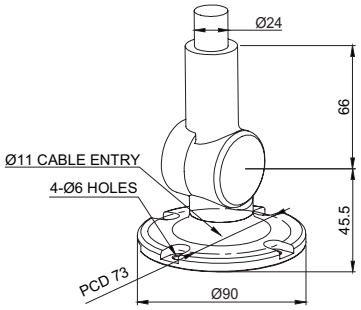
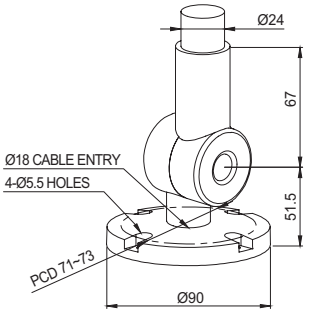
■ **QTG50ML/ QTG60ML/ QTG70ML - Direct Mounting Type Model**

| | Dimensions | |
|---|---|---|
| QTG50 series<br>QTG60 series | <br>TWS45 | <br>TWA45 |
| QTG70 series | <br>TWS80 | <br>TWA80 |

■ **QTG50L/ QTG60L - Pole Mounting Type Model**

| | Dimensions | |
|---|---|---|
| QTG50 series<br>QTG60 series | <br>18mm SCREW & NUT | <br>LB18 |
| | <br>LW18 | <br>SZ18 |
| | <br>QZ18 | <br>SL18 |
| | <br>QL18 | <br>SLB370 |

■ **QTG70L - Pole Mounting Type Model**

| | Dimensions | |
|---|---|---|
| QTG70 series | <br>24mm SCREW & NUT | <br>LB24 |
| | <br>LW24 | <br>SZ24 |
| | <br>QZ24 | <br>SL24 |
| | <br>QL24 | |

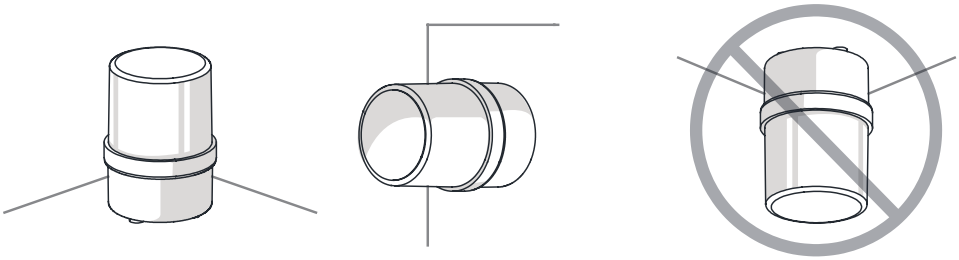
## Product installation direction

■ **Install the product in accordance with the manual. Otherwise rainwater or moisture may penetrate into the product.**

· BEACON/SIGNALING LIGHT

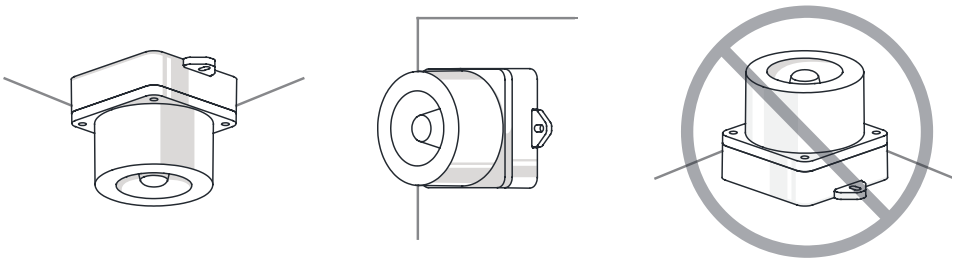
※ For products with a protection rating of less than IPX4, please install it vertically.

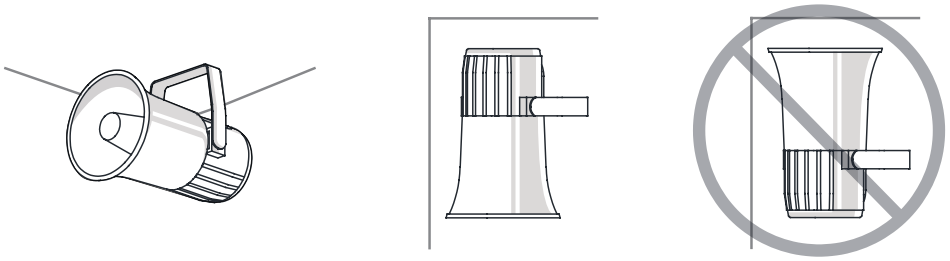
Power cord inlet part shall not be facing the sky.



· ELECTRONIC SOUNDER/SIGNAL HORN

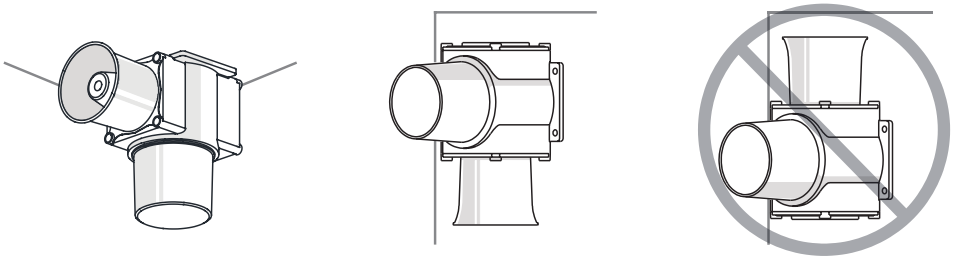
Sounder part shall not be facing the sky.





· HEAVY-DUTY & EXPLOSION PROOF SIGNALINGS

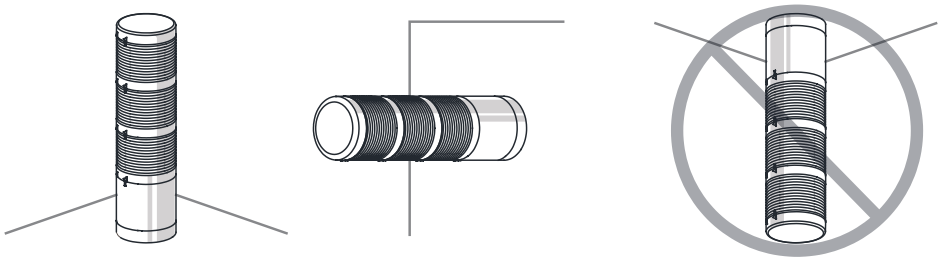
Sounder part shall not be facing the sky.



· SIGNAL TOWER LIGHTS

※ For products with a protection rating of less than IPX4, please install it vertically.

Power cord inlet part shall not be facing the sky.



⚠ For your safety

Specification and dimensions listed in this catalogue subject to change without notice for product quality improvement.
The newest product information is available on our website.(www.qlight.com)
Please read the instruction manual attached to the product carefully before installation and use.

*Korea Corporation Qlight Co., Ltd. www.qlight.com | trade@qlight.com*
Head Office | Suite #1510, STX-V Tower, 128 Gasan Digital 1-ro, Geumcheon-gu, Seoul, 08507, South Korea
Tel: +82-2-2679-6152 Fax: +82-2-2679-6154
Factory(Gimhae Production Headquarters) | 185-25, Mukbang-ro, Sangdong-myeon, Gimhae-si, Gyeongsangnam-do, 50805, South Korea
Tel: +82-55-328-1111
Overseas Sales Department | Qlight Building, 704 Nakdong-daero, Sasang-gu, Busan 47044, South Korea Tel: +82-51-620-4100
Busan Business Centerr | Qlight Building, 704 Nakdong-daero, Sasang-gu, Busan 47044, South Korea Tel: +82-51-245-0017

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*China Corporation SHANGHAI Qlight Electronic Co., Ltd. www.qlight.com www.qlightcn.com | qlightcn@qlight.com*
Sales Corporation (Shanghai) | Room 333 Building B, No.11, Lane 450, Zhenda Road, Baoshan District, Shanghai, China
Tel: +86-21-6651-7100 Fax: +86-21-6315-3929
Manufacturing Corporation (Qidong) | No.33, Haiyan Road, Qidong High-tech Industrial Development Zone, Qidong, Jiangsu Province, China
Tel: +86-513-8384-9999 Fax: +86-513-8384-9910

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Product Operation Inquiry / Customer Support +82-51-620-4100
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Head office : Suite #1510, STX-V Tower, 128 Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea (Postal Code : 08507)
Factory : 185-25, Mukbang-Ro, Sangdong-Myeon, Gimhae-Si, Gyeongsangnam-Do, Korea (Postal Code : 50805)
www.qlight.com

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