

Qlight Co., Ltd.  
since 1986.

INNOVATION IN **ALARM & SIGNAL**

**Qlight**

# Qlight

Gives you a  
Brighter  
Future

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# Qlight Gives You a Brighter Future!

Qlight has been contributed to an industrial safety and efficiency by producing several audible/ visual signaling devices and industrial LED lights since its establishment in 1986. Our technology and quality are highly reputable among various industries for example semiconductor manufacturing equipment, automobile industry, unmanned automation facility, steel production facility, shipbuilding industry, offshore plant, specialized unit for petrochemical industry based on diverse technology patents and core technologies such as LED light source, heat radiation technology, Explosion-Proof design. Our established local corporations in South Korea and China, sales branches in the United States, Japan, Vietnam, and a global service network provides a distribution and sales system servicing over 80 countries that help Qlight reinforces industrial fields all over the world.



# Qlight is

## a representative of signaling device in Korea.

Qlight has been striving to accomplish our mission to provide visual and audible status indicating systems and solutions to enhance our customer's work safety and efficiency for the last three decades.

As a market leader, Qlight is going to accomplish our responsibility by introducing state of the art equipment and unmanned facilities.

### Business foundation and consolidation

**1986 - 1995**

- 1986 Established Qlight
- 1993 Nominated for developing domestic Explosion-Proof warning lights by Korean Ministry of Science & Technology

### Growing as a signal transmission device specialist

**1996 - 2005**

- 2001 Established Shanghai Qlight Electronic Co., Ltd. in China



- 2004 ISO 9001:2000 certificates acquired

### Mission device specialist A great leap forward & business reconstruction

**2006 - 2017**

- 2010 Established R&D Center
- 2011 Selected as a venture company
- 2011 Selected as an INNO-BIZ firm which is an innovative tech company
- 2014 Selected as a promising export company by Small and Medium Business Administration(SMBA)
- 2014 Established the Qlight USA, Inc. in San Jose, CA.
- 2016 The second headquarter factory built



# History of Change & Innovation

## New engines for growth

### 2018 to Present

2019 Established Qidong factory



2019 Selected as a family friendly company by Ministry of Gender Equality and Family

2020 Selected as a small giants company by Small and Medium Business Administration(SMBA)

2021 Selected as a youth-friendly small giants company

2023 Selected as the best reading management company by the Ministry of Culture, Sports and Tourism of Korea

## The 2<sup>nd</sup> growth and globalization

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# Qlight, the best professional company

Leading the **improvement of industrial efficiency**

## | Aiming for the first-class

Aiming for the first-class specialized company to contribute industrial efficiency and safety of customer based on the core competency of System, Variety, and Hi-quality

## | Continuous growth for about 40 years

Based on a partnership-oriented corporate culture and sharing management, we have grown continuously for 40 years since our founding and are recognized for our quality and technology.

## | Global networks in 80 countries

Exporting to all over the world through global network spanning over 200 distribution channels in 80 countries and brightening industrial sites around the world

## | Multi-variety production

Satisfying various needs of customers through systematic customer-customized production system for over 450 products

### **Quick**

Prompt customer satisfaction and real time enterprise(RTE)

### **Quality**

Emphasis on product and service quality, workplace innovation and ethical management

### **Question**

Problem oriented thinking and creative problem solving are based on achieving strategic task.

### **Qualified**

The most suitable company that leads the innovation of signaling device technology and industrial efficiency improvement



## Core Competency



### System

Delicate mechanism of the work realizes shorter lead time by effectively managing overall procedures such as purchasing, production, stock management, and distribution.



### Broad-line

Customers are highly satisfied with Qlight products because we offer over 450 types of wide variety of product family with a systematic customized production system.



### Supreme Quality

Qlight's technological capability and supremacy of quality are being recognized because of our strict technology standard and inspection system. We've obtained over 22 certificates such as IECEx, ATEX, NEPSI, CCS, CE, and UL. We've been expanding it in accordance with industrial demands.

## How Qlight works



# R&D CENTER

Qlight's R&D Laboratory continually strives to enhance our technology in the areas of product miniaturization, unmanned operation, and strengthened durability in order to develop products that can satisfy our customer's sophisticated needs. Considering our customer's diverse operational conditions, we constantly pursue the best product quality by testing and measuring our products under the most extreme conditions.

We achieve our high quality through standardized processes acknowledged by world-leading certificate organizations such as UL, CE, ATEX, IECEx and etc.

## Research Achievements

Interchangeable layer type tower lights

Warning light globes applying optical-path direction lighting system

Floodlight with high efficiency LED for inspecting cracks in industrial sites and industrial machinery

A lens that helps deliver the LED's light in the lateral direction, and bulbs applying this lens (LR-transparent)

High intensity LED revolving warning lights applying multi-directional reflector

Explosion-Proof electric horns applying sintered flame arrester

Brushless DC Motor

Rotors applying V-belt drive, featuring high energy efficiency and minimized noise

Multiple color LED warning lights

Signal lights applying LED bulbs as light source

Solar powered warning lights

Direct-drive warning lights

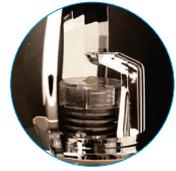
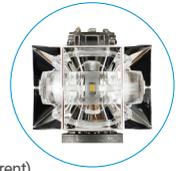
Special driving gear for revolving warning lights

LED Bulb applying special lens

Warning lights for heavy industry applying multi lens system

Signal horns embedded in the enclosure body that functions as a light source

LED work light bars specifically designed for machine tools with IP69K protection rating



## Explosion-Proof Testing Laboratory

To enhance the quality and reliability of its explosion-proof products, Qlight has established and operates an explosion-proof testing system in accordance with IEC 17025 standards. Qlight's explosion-proof products are thoroughly managed through in-house testing facilities from the development stage to production and shipment, ensuring a high level of reliability.



# ■ Explosion-Proof Signaling

Applications for potentially explosive gas and dust atmospheres and harsh environmental conditions



## QN / QN-H Explosion Proof Electronic Sounder

**Voltage**  
DC12V~24V, AC110V~230V

**Dimension (mm)**  
Outdia : Ø186  
Height : 268, Length : 295

**Sound volume**  
Max.123dB at 1m(QN-H)  
Max.118dB at 1m(QN)

**Materials**  
Housing-Al, Horn housing-PC

**Protection rating**  
IP66

**Certificates**  
IECEX, ATEX, KCs, NEPSI, CCC



## QNHS / QNHS-H Explosion proof LED Signal Beacon and Electronic Sounder

**Voltage**  
DC12V~24V, AC110V~230V

**Dimension (mm)**  
Outdia : Ø186  
Height : 284, Length : 305

**Sound volume**  
Max.123dB at 1m(QNHS-H)  
Max.118dB at 1m(QNHS)

**Materials**  
Housing-Al, Horn housing-PC, Lens-Tempered glass, Filter-PC

**Protection rating** IP66

**Certificates**  
IECEX, ATEX, KCs, NEPSI, CCC



## QNVS / QNVS-H Explosion proof LED Signal Beacon and Electronic Sounder

**Voltage**  
DC12V~24V, AC110V~230V

**Dimension (mm)**  
Outdia : Ø186  
Height : 268, Length : 370

**Sound volume**  
Max.123dB at 1m(QNVS-H)  
Max.118dB at 1m(QNVS)

**Materials**  
Housing-Al, Horn housing-PC, Lens-Tempered glass, Filter-PC

**Protection rating** IP66

**Certificates**  
IECEX, ATEX, KCs, NEPSI, CCC



## STB45ML-NEC Built-in Buzzer Increased Safety Explosion-Proof LED Tower Lights

**Voltage** DC24V

**Dimension (mm)**  
Diameter : Ø60, Height : 270

**Sound volume**  
Max.83dB at 1m(Built-in buzzer type)

**Layer** 3 Layers

**Materials**  
Lens-PC, Housing-PC

**Protection rating**  
IP54

**Certificates**  
INTERTEK(NRTL), IECEX, CE



## QNE

Ø92mm Explosion-Proof LED Signal Beacon

### Voltage

DC12-24V, AC110V-230V

### Dimension (mm)

Cage Diameter : Ø98

Height : 172, Length : 131

### Materials

Lens-Tempered glass ,Filter-PC,  
Bracket-ST316L,  
Protection cage-ST316L  
Housing-Al, STS316L

### Protection rating

IP66

### Certificates

IECEX, ATEX, NEPSI, KCs, CCC



## QNES

Ø92mm Explosion-Proof LED Signal Beacon and  
Electronic Sounder Combination

### Voltage

DC12-24V, AC110V-230V

### Dimension (mm)

Cage Diameter : Ø98

Height : 225, Length : 130

### Sound volume

Max.110dB at 1m

### Materials

Lens-Tempered glass ,Filter-PC,  
Bracket-ST316L,  
Protection cage-ST316L  
Housing-Al, STS316L

### Protection rating

IP66  
Certificates IECEX, ATEX, NEPSI, KCs, CCC



## QNE-CR

Ø92mm Explosion-Proof LED Signal Beacon  
(Cold Resistance Type)

### Voltage

DC12-24V, AC110V-230V

### Dimension (mm)

Cage Diameter : Ø98

Height : 172, Length : 131

### Materials

Lens-Tempered glass , Filter-PC,  
Bracket-ST316L,  
Protection cage-ST316L,  
Housing-Al, STS316L

### Protection rating

IP66

### Certificates

ATEX, IECEX



## QNES-CR

Ø92mm Explosion-Proof LED Signal Beacon and Elec-  
tronic Sounder Combination(Cold Resistance Type)

### Voltage

DC12-24V, AC110V-230V

### Dimension (mm)

Cage Diameter : Ø98

Height : 225, Length : 130

### Sound volume

Max.110dB at 1m

### Materials

Lens-Tempered glass , Filter-PC,  
Bracket-ST316L,  
Protection cage-ST316L,  
Housing-Al, STS316L

### Protection rating

IP66  
Certificates ATEX, IECEX



## ST45ML-Ex

비점화 방폭형 LED 타워램프

Voltage DC12V, DC24V

### Dimension (mm)

Diameter : Ø45,

Height : 115-275

### Materials

Lens-PC, Housing-PC,  
Mounting housing-Al, Cover-PC/Al

### Protection rating

IP54

### Protection rating

KCs- Ex nR II T6 IP54 (2-3 Layers)  
CCC, NEPSI -Ex nR IIC T6 Gc (1-5 Layers)  
KCs- Ex nR II T4 IP54 (Customization, 1-5 Layers)

Certificates KCs, CCC, NEPSI, CE



## STB45ML-Ex

부저 내장 비점화 방폭형 LED 타워램프

Voltage DC12V, DC24V

### Dimension (mm)

Diameter : Ø45, Height : 149-309

### Sound volume

Max.83dB at 1m(Built-in buzzer type)

### Materials

Lens-PC, Housing-PC,  
Mounting housing-Al, Cover-PC/Al

### Protection rating

IP54  
KCs- Ex nR II T6 IP54 (2-3 Layers)  
CCC, NEPSI -Ex nR IIC T6 Gc (1-5 Layers)  
KCs- Ex nR II T4 IP54 (Customization, 1-5 Layers)

Certificates KCs, CCC, NEPSI, CE



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## SNE Series

Explosion-Proof Signal Beacons

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### Voltage

DC12V, DC24V, AC120V, AC230V

### Dimension (mm)

Cage Diameter : Ø152  
Height : 238, Length : 183

### Materials

Lens-Tempered glass , Filter-PC, Housing-Al,  
Protection cage-STSS316L, Reflector-PC,  
Reflector-Heat resistant ABS,  
Bracket-STSS316L

**Protection rating** IP66

### Certificates

IECEX, ATEX, NEPSI, KCs, CCS,  
CCC(F), TIIS, CCC



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## SNES Series

Explosion-Proof Signal Beacons with  
Siren Buzzer

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### Voltage

DC12V, DC24V, AC120V, AC230V

### Dimension (mm)

Cage Diameter : Ø152  
Height : 238, Length : 183

**Sound volume** Max.105dB at 1m

### Materials

Lens-Tempered glass , Filter-PC, Housing-Al,  
Protection cage-STSS316L, Reflector-PC,  
Reflector-Heat resistant ABS, Bracket-STSS316L

**Protection rating** IP66

### Certificates

IECEX, ATEX, NEPSI, CCC,  
KCs, CCS, CCC(F), TIIS



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## SE Series

Brass Housing Explosion-Proof Signal Beacon

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### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Cage Diameter : Ø155  
Height : 267, Length : 189

### Materials

Lens-Tempered glass , Filter-PC,  
Housing-Brass, Protection cage-STSS316L,  
Reflector-PC, Reflector-Heat resistant ABS

**Protection rating**

IP66

### Certificates

KIMM



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## SEA Series

Explosion-Proof Signal Beacons

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### Voltage

DC24V, AC120V, AC230V

### Dimension (mm)

Cage Diameter : Ø167  
Height : 287, Length : 172

### Materials

Lens-Tempered glass , Filter-PC,  
Housing-Al, Protection cage-STSS316L,  
Reflector-PC, Reflector-Heat resistant ABS

**Protection rating**

IP66

### Certificates

IECEX, ATEX, NEPSI, CCC,  
KCs, CCS, TS



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## SESA

Explosion-Proof Signal Beacon and  
Electronic Sounder Combinations

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**Voltage** DC24V, AC120V, AC230V

### Dimension (mm)

Cage Diameter : Ø167  
Height : 333, Length : 327

**Sound volume** Max.118dB at 1m

### Materials

Lens-Tempered glass , Filter-PC,  
Housing-Al, Protection cage-STSS316L,  
Reflector-PC, Reflector-Heat resistant ABS

**Protection rating** IP66

### Certificates

IECEX, ATEX, NEPSI, CCC, KCs,  
CCS, CCC(F), TS



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## SEBA

Explosion-Proof Signal Beacons and  
Alarm Bell Combinations

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### Voltage

DC24V, AC110V, AC220V

### Dimension (mm)

Cage Diameter : Ø167  
Height : 333, Length : 240

**Sound volume** Max.95dB at 1m

### Materials

Lens-Tempered glass , Filter-PC,  
Housing-Al, Protection cage-STSS316L,  
Reflector-PC,  
Reflector-Heat resistant ABS

**Protection rating**

IP55

**Certificates** KIMM



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**QTEX** Explosion-Proof LED Tower Lights Flame Proof Housing

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**Voltage**

DC12V, DC24V, AC95V-230V

**Dimension (mm)**

Diameter : Ø144

Height : 472(Self mount), 457(Wall mount)

**Materials**Lens-Tempered glass ,  
Filter Lens-AS, Housing-Al,  
Reflector-Heat resistant ABS**Protection rating**

IP66

**Certificates**

IECEX, ATEX, KCs



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**QLEX-SLM-650-EMG** Explosion-Proof  
LED Emergency Luminaires

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**Voltage** AC110-230V**Dimension (mm)** 187/90(W)x110(H)x792(L)**Materials** Housing-Al, Upper cover-Al, Side cover-Al, Lens-PC,  
Bracket-Al, STS316L**Protection rating** IP66**Certificates** KCs

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**QLEX-SLM Series** Explosion-Proof LED Luminaires

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**Voltage** DC24V, AC220V**Dimension (mm)** 105(W)x65(L)x250-650(H)**Materials** Side cover-Al, Lens-PC, Bracket-Al**Protection rating** IP66/67**Certificates** CE, KCs, NEPSI, S-mark, ATEX, IECEX

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**QTEXB** Built-in Siren Buzzer Type Explosion-Proof  
LED Tower Lights with Flame Proof Housing

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**Voltage**

DC12V, DC24V, AC95V-230V

**Dimension (mm)**

Diameter : Ø144

Height : 472(Self mount), 457(Wall mount)

**Sound volume**

Max. 90dB at 1m(Built-in buzzer type)

**Materials**Lens-Tempered glass , Filter Lens-AS,  
Housing-Al, Reflector-Heat resistant ABS**Protection rating**

IP66

**Certificates**

IECEX, ATEX, KCs, TIIS



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**QEAL1** Explosion-Proof Low Intensity  
LED Aviation Obstruction Light

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**Voltage**

DC12V, DC24V, AC110V-240V

**Dimension (mm)**

Cage Diameter : Ø152

Height : 238, Length : 183

**Luminous intensity**

50cd ±25%

**Materials**Lens-Tempered glass , Housing-Al,  
Protection cage-STSS316L, Heat sink-Al**Protection rating**

IP66

**Certificates**

KCs, ICAO



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**QLEX-NEC-250** Explosion-Proof LED Luminaires

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**Voltage** DC24V**Dimension (mm)** 105(W)x70(H)x250(L)**Materials** Side cover-Al, Lens-PC, Bracket-Al**Protection rating** IP66/67**Certificates** INTERTEK(NRTL), IECEX, CE

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## QMFL300-Ex-24 Non-Sparking LED Work Light

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**Voltage** DC24V  
**Dimension (mm)** 62(W)X69(H)X310(L)  
**Materials** Housing-Al, Side cover-Al, Lens-Tempered glass,  
Bracket-SPC-1  
**Protection rating** IP67/IP69K  
**Certificates** KCs, NEPSI

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## QLEX-350 Explosion-Proof LED Luminaires

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**Voltage** DC24V  
**Dimension (mm)** 110(W)×93(H)×350(L)  
**Materials** Side cover-Al, Lens-PC, Side cover out-NBR,  
Bracket-Al  
**Protection rating** IP66/IP67  
**Certificates** KCs, NEPSI, CE

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## SBE130 Explosion-Proof Alarm Bell

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**Voltage**  
DC24V, AC110V, AC220V  
**Dimension (mm)**  
Bell Diameter : Ø150  
Height : 120, Length : 138  
**Sound volume**  
Max. 95dB at 1m  
**Materials**  
Bell-Al, Housing-Al  
**Protection rating**  
IP56



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## SBE150 Explosion-Proof Alarm Bell

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**Voltage**  
DC24V, AC110V, AC220V  
**Dimension (mm)**  
Bell Diameter : Ø150  
Height : 120, Length : 138  
**Sound volume**  
Max. 95dB at 1m  
**Materials**  
Bell-Al, Housing-Al  
**Protection rating**  
IP56  
**Certificates** KIMM(SBE150)



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## SSEL Explosion-Proof LED Perimeter Light

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**Voltage**  
DC12V, DC24V,  
AC110V, AC220V  
**Dimension (mm)**  
Outdia : 154 x 154  
Height : 100, Length : 172  
**Materials**  
Lens-Tempered glass ,  
Housing-Al  
**Protection rating**  
IP66  
**Certificates**  
KIMM



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## SPNA Explosion-Proof Electronic Sounder

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**Voltage**  
DC24V, AC120V, AC230V  
**Dimension (mm)**  
Horn Diameter : Ø134  
Height : 159, Length : 327  
**Sound volume**  
Max. 118dB at 1m  
**Materials**  
Housing-Al,  
Horn housing-ST316L  
**Protection rating** IP66  
**Certificates**  
IECEX, ATEX, NEPSI, CCC,  
KCs, CCS, TS



# ■ Heavy-Duty Signaling

Applications for vessels, offshore rigs, petrochemical industries, and harsh environmental conditions



## QA70HLS

LED Strobe Beacons

### Voltage

DC12-24V

### Dimension (mm)

Globe : Ø72, Body : 108x112

Height : 108

### Materials

Lens-PC, Housing-ABS+GF

### Protection rating

IP66



## QA100HLS

LED Strobe Beacons

### Voltage

DC12-24V

### Dimension (mm)

Diameter : Ø101, Height : 113

### Materials

Lens-PC, Housing-ABS

### Protection rating

IP66

### Certificates

CE



## QA115HLS

LED Strobe Beacons

### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø107

Housing Diameter : Ø150

Height : 112

### Materials

Lens-PC, Housing-PC

### Protection rating

IP66

### Certificates

CE



## QA115HLSP

LED Strobe Beacons

### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø117

Height : 291

### Materials

Lens-PC, Housing-PC

### Protection rating

IP66

### Certificates

CE



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## FLTS

LED Steady Type Turn Signal Light

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### Voltage

DC12V, DC24V

### Dimension (mm)

Outdia : □ 80 x 80, Height : 37

### Materials

Lens-PC, Housing-ABS

### Protection rating

IP65

### Certificates

CE, UL



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## QA85LSE

LED Strobe Beacons

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### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø86

Housing Diameter : Ø132

Height : 90

### Materials

Lens-PC, Housing-ABS+PC

### Protection rating

IP65



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## QA125HLS

LED Strobe Beacons

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### Voltage

DC12-24V

### Dimension (mm)

Diameter : Ø123, Height : 158

### Materials

Lens-PC, Housing-PC

### Protection rating

IP66



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## QA125HLSP

LED Strobe Beacons

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### Voltage

DC12-24V

### Dimension (mm)

Diameter : Ø123, Height : 330

### Materials

Lens-PC, Housing-PC

### Protection rating

IP66



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## QA115LSE

LED Strobe Beacons

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### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø107

Housing Diameter : Ø150

Height : 112

### Materials

Lens-PC, Housing-PC

### Protection rating

IP66

### Certificates

CE



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## QA140HLSP

LED Strobe Beacons

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### Voltage

DC12V, DC24V

### Dimension (mm)

Diameter : Ø140, Height : 325

### Materials

Housing-PC, Lens-PC,  
Diffusion lens-PC,  
Reflector-Heat resistant ABS,  
Bracket-ST5

### Protection rating

IP66

### Certificates

CE



## SH1 / SH2 Series

Heavy-Duty Signal  
Lights/Beacons

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Outdia : Ø136-154,  
Height : 167-212

### Materials

Lens-PC, Housing-Al, STS316L  
Protection cage-ST316L, Reflector-PC,  
Reflector-Heat resistant ABS,  
Bracket-ST316L

### Protection rating

IP66

### Certificates

CE, CCS



## SHD / SHD2 Series

Signal Beacon &  
Electronic Sounder

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø135,  
Height : 227-237, Length : 263-359

### Sound volume

Max.114dB at 1m

### Materials

Lens-PC, Housing-Al,  
Protection cage-ST316L, Reflector-PC,  
Reflector-Heat resistant ABS

### Protection rating

IP66

Certificates CE, CCS



## QWCD35

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □136x179, Depth : 128

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)  
Max.112dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL, CCS



## QWCD50

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □168 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)  
Max.115dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



## QWCD35T

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □196 x 179, Depth : 126

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)  
Max.112dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



## QWCD50T

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □229 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)  
Max.115dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



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## QWH35

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

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### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □136x179, Depth : 128

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)

Max.112dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



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## QWH50

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

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### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □168 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)

Max.115dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



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## QWH35T

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

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### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □196 x 179, Depth : 126

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)

Max.112dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



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## QWH50T

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

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### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □229 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)

Max.115dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



---

## SED / SD / SMD

 Signal Beacon and Electronic Sounder Combinations  
for Vessels and Heavy Industry Applications

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø135-158

Height : 380-478, Depth : 175-210

### Sound volume

SED / SD : Max.114dB at 1m

SMD : Max.120dB at 1m

### Materials

Lens-PC, Housing-AI,  
Protection cage-ST316L, Reflector-PC,  
Reflector-Heat resistant ABS

### Protection rating

IP66

Certificates CE, CCS



---

## SCDF / SCDW

 Signal Beacon and Electronic Sounder Combinations  
for Vessels and Heavy Industry Applications

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Cage Diameter : Ø140mm

Height : 313-322, Length : 167-177

### Sound volume

Max.113dB at 1m

### Materials

Lens-PC, Housing-PC+GF,  
Protection cage-ST316L, Reflector-PC,  
Reflector-Heat resistant ABS

### Protection rating

IP66

Certificates CE, CCS



---

## SSL Series

LED Signal Lights for Container Spreaders

---

### Voltage

DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø93

Height : 160-595, Depth : 43

### Materials

Lens-PC, Housing-Al

### Protection rating

IP68(IEC60529)

### Certificates

CE



---

## SEWN30 Series

Electronic Sounders for Vessels and Heavy Industrial Applications

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø117

Depth : 179-182

### Sound volume

Max.114dB at 1m

### Materials

Housing-Al, Horn housing-PC

### Protection rating

IP66

### Certificates

CE, CCS



---

## SN

Electronic Sounders for Vessels and Heavy Industrial Applications

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø119mm

Length : 167

### Sound volume

Max.100dB at 1m

### Materials

Housing-Steel, Horn housing-Steel

### Protection rating

IP55

### Certificates

CE



---

## SM Series

Motor Siren

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø77-165

Length : 82-284

### Sound volume

Max.110-123dB at 1m

### Materials

Housing-Steel, ABS(SM40)

### Certificates

CE(SM200)



---

## SEWN50 Series

Electronic Sounders for Vessels and Heavy Industrial Applications

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø168

Depth : 226-229

### Sound volume

Max.120dB at 1m

### Materials

Housing-Al, Horn housing-STS316L

### Protection rating

IP66

### Certificates

CE



---

## SEHN25 / SEHN50

Electronic Sounders for Vessels and Heavy Industrial Applications

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø158-167

Depth : 238-242

### Sound volume

SEHN25: Max.115dB at 1m

SEHN50: Max.118dB at 1m

### Materials

Housing-Steel, Horn housing-Steel

### Protection rating

IP55



---

## SHDN30

Dual-Facing Electronic Sounders for Vessels and Heavy Industry Applications

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø117  
Height : 127, Length : 359

### Sound volume

Max.114dB at 1m x 2

### Materials

Housing-Al, Horn housing-PC

### Protection rating

IP56



---

## SC1 / SC2 / SC3

Signal Beacon & Electronic Sounder Combinations

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Width : 150-244  
Height : 287-381  
Depth : 200-292

※ Ambient temperature, volume and protection level may change depending on the combination.



---

## SAB130

Alarm Bells with Lamp for Vessels and Heavy Industrial Applications

---

### Voltage

DC24V, AC110V, AC220V

### Dimension (mm)

Bell Diameter : Ø130  
Height : 238, Depth : 107

### Sound volume

Max. 95dB at 1m(Bell sound)

### Materials

Bell-Steel, Housing-ABS

### Protection rating

IP44

Certificates CE



---

## SAB200

Alarm Bells with Lamp for Vessels and Heavy Industrial Applications

---

### Voltage

DC24V, AC110V, AC220V

### Dimension (mm)

Bell Diameter : Ø200  
Height : 269, Depth : 107

### Sound volume

Max. 95dB at 1m(Bell sound)

### Materials

Bell-Steel, Housing-ABS

### Protection rating

IP44

Certificates CE



---

## SANA Series

Air Horns for Vessels and Heavy Industrial Applications

---

### Voltage

DC24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø101-146  
Height : 222, Depth : 144-333

### Sound volume

Max. 130dB at 1m(Air Horn)

### Materials

Horn-PC, Solenoid valve box-ABS

### Protection rating

IP56



---

## QEB

Explosion-Proof Solenoid Valve Box

---

### Voltage

DC24V, AC110V, AC220V

### Dimension (mm)

Outdia : □120×120, Depth : 117

### Materials

Housing, Cover-Al

### Protection rating

IP66

### Certificates

KIMM



# ▪ Signal Tower Lights

Applications for semiconductor manufacturing facilities, robotic production lines, and remote monitoring systems



## STA25SLM

Ø25mm Slim LED Tower Lights

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø25mm, Height : 368-488

### Layer

1-5 Layers

### Materials

Lens-AS, Housing-Al

### Protection rating

IP44

### Certificates

CE, UL



## STA35SL

Ø35mm Slim LED Tower Lights

### Voltage

DC12V, DC24V

### Dimension (mm)

Diameter : Ø35mm, Height : 85-265

### Layer

1-5 Layers

### Materials

Lens-AS, Housing-ABS

### Protection rating

IP44

### Certificates

CE



## STA35SLM

Ø35mm Slim LED Tower Lights

### Voltage

DC12V, DC24V

### Dimension (mm)

Diameter : Ø35mm, Height : 205-385

### Layer

1-5 Layers

### Materials

Lens-AS, Housing-Al

### Protection rating

IP44

### Certificates

CE



## STA45SLM

Ø45mm Slim LED Tower Light

### Voltage

DC12V, DC24V

### Dimension (mm)

Diameter : Ø45, Height : 198-378

### Sound volume

Max.90dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-Acryl, Filter Lens-AS, Housing-Al

### Protection rating

Standard-IP44, Buzzer type-IP23

### Certificates

CE, UL



---

## STA45SLMP

Ø45mm Slim LED Tower Light

---

### Voltage

DC12V, DC24V

### Dimension (mm)

Diameter : Ø45, Height : 398-578

### Sound volume

Max.90dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-Acryl, Filter Lens-AS, Housing-AI

### Protection rating

Standard-IP44, Buzzer type-IP23

### Certificates

CE, UL



---

## QTA56L

LED Steady Tower Lights

---

### Voltage

DC24V

### Dimension (mm)

Diameter : Ø45, Height : 433

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

3 Layers

### Materials

Lens-PC, Housing-AI, Bracket-AI

### Protection rating

Standard-IP44, Buzzer type-IP23

### Certificates

CE



---

## QT56MCL

Multiple Color LED Steady Tower Lights

---

### Voltage

DC24V

### Dimension (mm)

Diameter : Ø45, Height : 276-312

### Sound volume

Max.90dB at 1m(Buzzer)

### Colors

7 Multi-Color Options

### Materials

Lens-PC, Housing-AI, Bracket-AI

### Protection rating

Standard-IP44, Buzzer type-IP23

### Certificates

CE



---

## QAT80(M)L

Ø80mm LED Steady/Flashing Tower Lights

---

### Voltage

DC12-24V

### Dimension (mm)

Diameter : Ø80, Height : 269-430

### Sound volume

Max.95dB at 1m(Buzzer)

### Layer

3 Layers

### Materials

Lens-PC, Housing-PA66, Pole-AI

### Protection rating

IP65

### Certificates

CE



---

## SWT / SWTE

Wall Mount Semicircular LED Signal Towers

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø90(Half),  
Height : 216, Depth : 46

### Sound volume

Max.90dB at 1m(Buzzer)

### Layer

3 Layers

### Materials

Lens-PC, Cover-ABS, Housing-ABS,  
Filter Lens-PC

### Protection rating

IP55

Certificates CE, UL



---

## MWTL

Wall Mount Semicircular LED Signal Towers

---

### Voltage

DC24V

### Dimension (mm)

Diameter : Ø90(Half),  
Height : 216, Depth : 39

### Sound volume

Max.90dB at 1m(Buzzer)

### Layer

4 Layers

### Materials

Lens-PC, Cover-ABS, Housing-ABS

### Protection rating

IP55

Certificates CE



## QWT Series

Wall Mount LED Steady/Flashing  
Signal Towers

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø70, Height : 121-285

### Sound volume

Max.85dB at 1m(Buzzer)

Layer 1-5 Layers

### Materials

Lens-PC, Housing-ABS

Protection rating IP54

Certificates CE, UL



## ST45/56ML

LED Steady/Flashing Tower Lights

### Voltage

AC/DC12V, AC/DC24V  
AC110V, AC220V

### Dimension (mm)

Diameter : Ø45-56, Height : 106-502

### Sound volume

Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

Layer 1-5 Layers

### Materials

Lens-AS, Housing-ABS

Protection rating  
Standard-IP44, Buzzer type-IP23

Certificates CE, UL



## ST45/56L

LED Steady/Flashing Tower Lights

### Voltage

AC/DC12V, AC/DC24V  
AC110V, AC220V

### Dimension (mm)

Diameter : Ø45-56, Height : 320-716

### Sound volume

Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

Layer 1-5 Layers

### Materials

Lens-AS, Housing-ABS, Pole-AL

### Protection rating

Standard-IP44, Buzzer type-IP23

Certificates CE, UL



## ST56/80MEL

LED Steady/Flashing Tower Lights

### Voltage

AC/DC12V, AC/DC24V  
AC110V, AC220V

### Dimension (mm)

Diameter : Ø56-80, Height : 127-352

### Sound volume

Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

Layer 1-5 Layers

### Materials

Lens-AS, Housing-ABS

### Protection rating

Standard-IP44, Buzzer type-IP23

Certificates CE, UL



## ST56/80EL

LED Steady/Flashing Tower Lights

### Voltage

AC/DC12V, AC/DC24V,  
AC110V, AC220V

### Dimension (mm)

Diameter : Ø56-80, Height : 287-566

### Sound volume

Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

Layer 1-5 Layers

### Materials

Lens-AS, Housing-ABS, Pole-AL

### Protection rating

Standard-IP44, Buzzer type-IP23

Certificates CE, UL



## MTG / MTC / MTR

Modular LED signal tower light  
with built-in terminal

### Voltage

DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø50, Ø60, Ø70

### Sound volume

Max.90dB at 1m(Standard buzzer)  
Max.100dB at 1m(High-volume buzzer)  
Max.85dB at 1m(Waterproof buzzer)

Layer 1-5 Layers

### Protection rating

IP65(Standard, Waterproof buzzer)  
Non-Waterproof(High-volume buzzer)

Certificates

CE, UL



---

## STC45/56/80ML

Multiple Color LED  
Steady/Flashing Tower Lights

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø45-80, Height : 106-287

### Sound volume

Max.90dB at 1m(Buzzer)

### Colors

2-3 Multi-Color Modes

### Materials

Lens-AS, Housing-ABS

### Protection rating

Standard-IP44, Buzzer type-IP23

Certificates CE



---

## STC45/56/80L

Multiple Color LED  
Steady/Flashing Tower Lights

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø45-80, Height : 317-501

### Sound volume

Max.90dB at 1m(Buzzer)

### Colors

2-3 Multi-Color Modes

### Materials

Lens-AS, Housing-ABS, Pole-Al

### Protection rating

Standard-IP44, Buzzer type-IP23

Certificates CE



---

## STG40/50/60ML

LED Steady/Flashing Tower Lights

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø40-60, Height : 106-331

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-AS, Housing-ABS

### Protection rating

Standard-IP65, Buzzer type-IP54

Certificates

CE, UL



---

## STG40/50/60L

LED Steady/Flashing Tower Lights

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø40-60, Height : 334-559

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

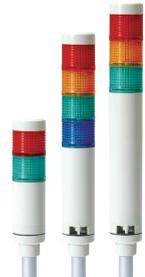
Lens-AS, Housing-ABS, Pole-Al

### Protection rating

Standard-IP65, Buzzer type-IP54

Certificates

CE, UL



---

## QTG50/60/70L

Modular LED Tower Lights

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø50-70, Height : 274-625

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-ABS, Pole-Al

### Protection rating

Standard-IP65, Buzzer type-IP54

Certificates

CE, UL



---

## QTG50/60/70ML

Modular LED Tower Lights

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø50-70, Height : 116-399

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-ABS

### Protection rating

Standard-IP65, Buzzer type-IP54

Certificates

CE, UL



---

## QTC50/60/70L

Modular LED Tower Lights

---

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø50-70, Height : 274-625

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

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

### Protection rating

Standard-IP65, Buzzer type-IP54

### Certificates

CE, UL



---

## QTC50/60/70ML

Modular LED Tower Lights

---

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø50-70, Height : 116-399

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Filter Lens-PC, Housing-ABS

### Protection rating

Standard-IP65, Buzzer type-IP54

### Certificates

CE, UL



---

## QTR50/60/70L

Modular LED Tower Lights

---

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø50-70, Height : 274-635

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-ABS, Pole-Al

### Protection rating

Standard-IP65, Buzzer type-IP54

### Certificates

CE, UL



---

## QTR50/60/70ML

Modular LED Tower Lights

---

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø50-70, Height : 116-399

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-ABS

### Protection rating

Standard-IP65, Buzzer type-IP54

### Certificates

CE, UL



---

## QT50 Series

Ø50mm Modular LED Tower Lights

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø50, Height : 83-469

### Sound volume

Max.90dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-PC, Pole-Al

### Protection rating

Standard-IP65, Buzzer type-IP54

### Certificates

CE



---

## QT70 Series

Ø70mm Modular LED Tower Lights

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø70, Height : 98-461

### Sound volume

Max.90dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-PC, Pole-Al

### Protection rating

Standard-IP65, Buzzer type-IP54

### Certificates

CE



## QTG60ML-WV

Ø60mm LED Signal Tower Lights with custom voice

**Voltage**  
DC24V

**Dimension (mm)**  
Diameter : Ø60, Height : 199-399

**Sound volume**  
80-85dB at 1m(custom voice)

**Layer**  
1-5 Layers

**Materials**  
Lens-PC, Housing-ABS

**Protection rating**  
IP23

**Certificates** CE



## QTG60L-WV

Ø60mm LED Signal Tower Lights with custom voice

**Voltage**  
DC24V

**Dimension (mm)**  
Diameter : Ø60, Height : 425-625

**Sound volume**  
80-85dB at 1m(custom voice)

**Layer**  
1-5 Layers

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

**Protection rating**  
IP23

**Certificates** CE



## ST45ML-Ex

비점화 방폭형 LED 타워램프

**Voltage** DC12V, DC24V

**Dimension (mm)**  
Diameter : Ø45,  
Height : 115-275

**Materials**  
Lens-PC, Housing-PC,  
Mounting housing-Al, Cover-PC/Al

**Protection rating** IP54

**Protection rating**  
KCs- Ex nR II T6 IP54 (2-3 Layers)  
CCC, NEPSI-Ex nR IIC T6 Gc (1-5 Layers)  
KCs- Ex nR II T4 IP54 (Customization, 1-5 Layers)

**Certificates** KCs, CCC, NEPSI, CE



## STB45ML-Ex

부저 내장 비점화 방폭형 LED 타워램프

**Voltage** DC12V, DC24V

**Dimension (mm)**  
Diameter : Ø45, Height : 149-309

**Sound volume**  
Max.83dB at 1m(Built-in buzzer type)

**Materials**  
Lens-PC, Housing-PC,  
Mounting housing-Al, Cover-PC/Al

**Protection rating** IP54

**Protection rating**  
KCs- Ex nR II T6 IP54 (2-3 Layers)  
CCC, NEPSI-Ex nR IIC T6 Gc (1-5 Layers)  
KCs- Ex nR II T4 IP54 (Customization, 1-5 Layers)

**Certificates** KCs, CCC, NEPSI, CE



## STB45ML-NEC

Built-in Buzzer Increased Safety  
Explosion-Proof LED Tower Lights

**Voltage**  
DC24V

**Dimension (mm)**  
Diameter : Ø60, Height : 270

**Sound volume**  
Max.83dB at 1m(Buzzer)

**Layer** 3 Layers

**Materials**  
Lens-PC, Housing-PC

**Protection rating**  
IP54

**Certificates**  
INTERTEK(NRTL), IECEX, CE



## QTEX(B)

Explosion-Proof LED Tower Lights  
Flame Proof Housing

**Voltage**  
DC12V, DC24V, AC95V-230V

**Dimension (mm)**  
Diameter : Ø144  
Height : 472(Self mount), 457(Wall mount)

**Sound volume**  
Max. 90dB at 1m(Buzzer)

**Materials**  
Lens-Tempered glass, Filter Lens-AS,  
Housing-Al, Reflector-Heat resistant ABS

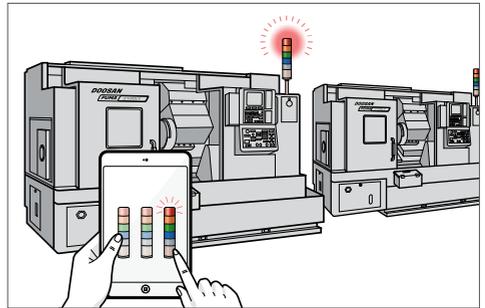
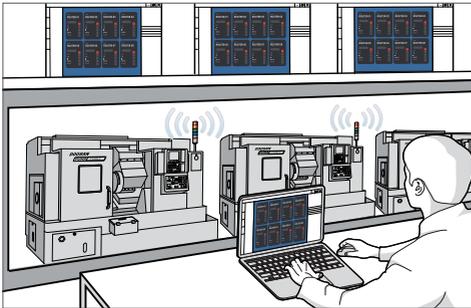
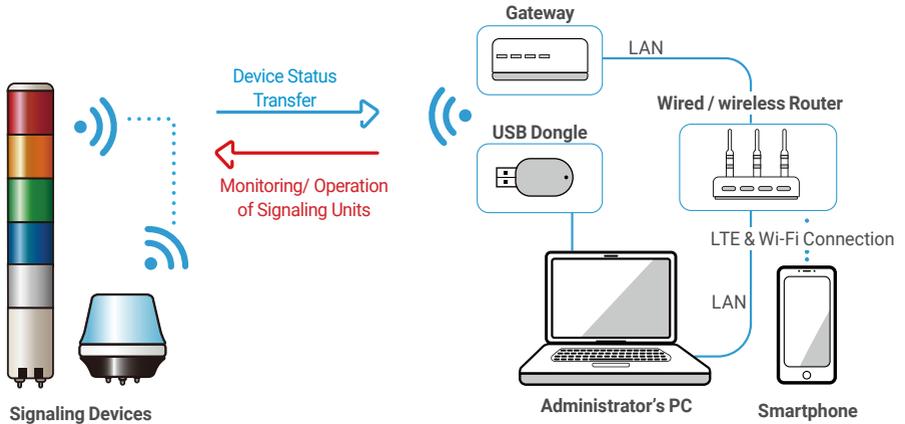
**Protection rating** IP66

**Certificates**  
IECEX, ATEX, KCs, TIIS(QTEXB only)



## ■ Wireless Network System

Wireless network system uses wireless network to remotely monitor and control the operation status of a signaling device through a PC or smartphone. By applying wireless communication between production equipment, users can build an advanced production system.



- 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 stable long-distance communication (with up to 100M between devices)

## QTG60(M)L-WIZ

Wireless LED Steady/ Flashing  
Tower Light

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø60, Height : 199-625

### Sound volume

Max.85dB at 1m(Buzzer)

### Communication

Wireless

**Layer** 1-5 Layers

### Materials

Lens-PC, Housing-ABS

### Protection rating

Standard-IP65, Buzzer type-IP54

**Certificates** KC, CE RED, FCC



## QTG70(M)L-WIZ

Wireless LED Steady/ Flashing  
Tower Light

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø70, Height : 199-557

### Sound volume

Max.85dB at 1m(Buzzer)

### Communication

Wireless

**Layer** 1-5 Layers

### Materials

Lens-PC, Housing-ABS

### Protection rating

Standard-IP65, Buzzer type-IP54

**Certificates** KC, CE RED, FCC



## QMCL125-WIZ

Wireless Multiple Color  
LED Steady Signal Light

### Voltage

DC12V, DC24V

### Dimension (mm)

Diameter : Ø116, Height : 110

### Sound volume

Max.80dB at 1m(Buzzer)

### Communication

Wireless

### Materials

Lens-PC, Housing-ABS

**Protection rating** IP65

**Certificates** CE RED, FCC



## WIZ32(USB Dongle)

Wireless network system  
receiving device

### Voltage

USB 5V

### Dimension (mm)

Outdia : 49x23, Height : 10

### Communication

Wireless

### Materials

Cover-ABS

### Certificates

KC, CE RED, FCC



## GW768(GATEWAY)

Wireless network system  
receiving device

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : 151x80, Height : 48

### Communication

Wireless

### Materials

Housing-ABS

### Certificates

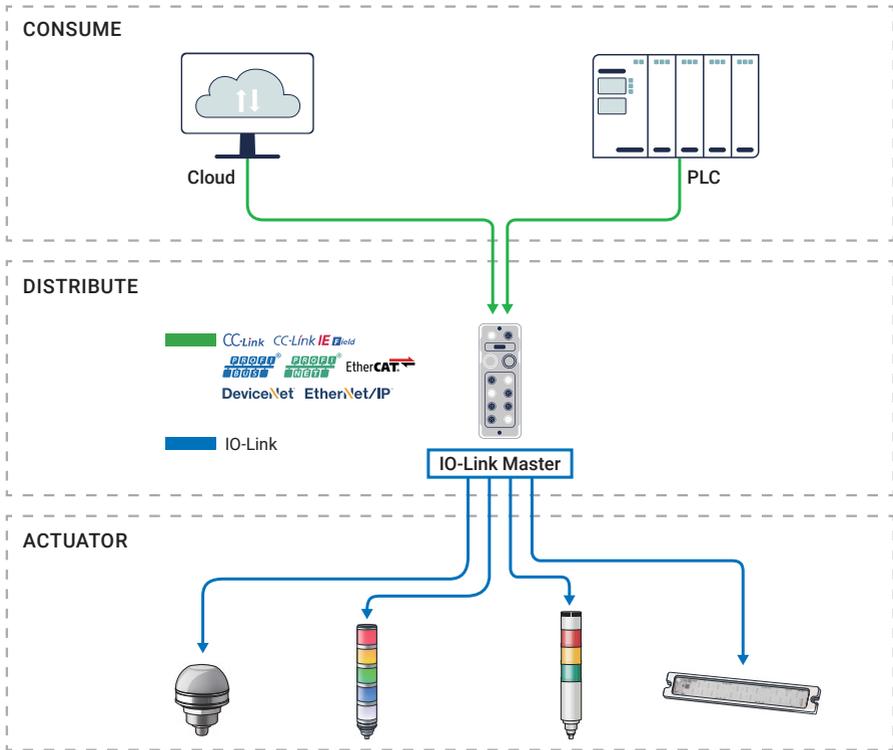
KC, CE, FCC



# IO-Link Products

With IO-Link, intelligent signal lighting is available that can be adapted to individual requirements and which display machine status optimally. The Segment and the Level modes offer many new options.

## 1. What is IO-Link



### 1) SERIAL TWO-WAY POINT-TO-POINT CONNECTION

- For signal transmission and energy supply. (No new bus system required.)

### 2) OPERATION MODES

- Supports both Trigger (switching) Mode and IO-Link Mode for flexible system integration.
- (QT(G/C/R)-IOL series does not support Trigger Mode.)

### 3) COMMUNICATION SPEED

- Up to 38,400 baud (COM2).

### 4) UNSHIELDED STANDARD INDUSTRIAL CABLES

- Compatible with standard M12 connectors. (No need for special cables.)

### 5) INTELLIGENT DIAGNOSTICS & MAINTENANCE

- Predictive maintenance via real-time device monitoring.
- Millisecond-level event logging for quick and precise troubleshooting.

### 6) HIGH COST EFFICIENCY

- Up to 30–50% cost reduction compared to analog systems.
- Minimizes maintenance costs and downtime through standardized protocols.

## QTG60L-IOL

Ø60mm IO-Link Programmable  
LED Tower Light

**Voltage** DC24V

**Dimension (mm)**

Diameter : Ø60, Height : 175-375

**Sound volume**

Max.100dB at 1m

(High-Volume Buzzer)

Max.85dB at 1m(Waterproof Buzzer)

**Layer** 1-5 Layers

**Materials**

Lens-PC, Housing-ABS

**Certificates**

IP65(Standard/Waterproof Buzzer)

Non-Waterproof(High-Volume Buzzer)



## QTG70L-IOL

Ø70mm IO-Link Programmable  
LED Tower Light

**Voltage** DC24V

**Dimension (mm)**

Diameter : Ø70, Height : 175-375

**Sound volume**

Max.100dB at 1m

(High-Volume Buzzer)

Max.85dB at 1m(Waterproof Buzzer)

**Layer** 1-5 Layers

**Materials**

Lens-PC, Housing-ABS

**Certificates**

IP65(Standard/Waterproof Buzzer)

Non-Waterproof(High-Volume Buzzer)



## QTC60L-IOL

Ø60mm IO-Link Programmable  
LED Tower Light

**Voltage** DC24V

**Dimension (mm)**

Diameter : Ø60, Height : 175-375

**Sound volume**

Max.100dB at 1m

(High-Volume Buzzer)

Max.85dB at 1m(Waterproof Buzzer)

**Layer** 1-5 Layers

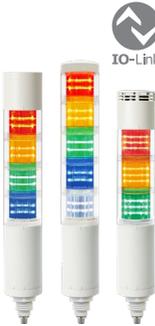
**Materials**

Lens-PC, Filter lens-PC,  
Housing-ABS

**Certificates**

IP65(Standard/Waterproof Buzzer)

Non-Waterproof(High-Volume Buzzer)



## QTC70L-IOL

Ø70mm IO-Link Programmable  
LED Tower Light

**Voltage** DC24V

**Dimension (mm)**

Diameter : Ø70, Height : 175-375

**Sound volume**

Max.100dB at 1m

(High-Volume Buzzer)

Max.85dB at 1m(Waterproof Buzzer)

**Layer** 1-5 Layers

**Materials**

Lens-PC, Filter lens-PC,  
Housing-ABS

**Certificates**

IP65(Standard/Waterproof Buzzer)

Non-Waterproof(High-Volume Buzzer)



## QTR60L-IOL

Ø60mm IO-Link Programmable  
LED Tower Light

**Voltage** DC24V

**Dimension (mm)**

Diameter : Ø60, Height : 175-375

**Sound volume**

Max.100dB at 1m

(High-Volume Buzzer)

Max.85dB at 1m(Waterproof Buzzer)

**Layer** 1-5 Layers

**Materials**

Lens-PC, Housing-ABS

**Certificates**

IP65(Standard/Waterproof Buzzer)

Non-Waterproof(High-Volume Buzzer)



## QTR70L-IOL

Ø70mm IO-Link Programmable  
LED Tower Light

**Voltage** DC24V

**Dimension (mm)**

Diameter : Ø70, Height : 175-375

**Sound volume**

Max.100dB at 1m

(High-Volume Buzzer)

Max.85dB at 1m(Waterproof Buzzer)

**Layer** 1-5 Layers

**Materials**

Lens-PC, Housing-ABS

**Certificates**

IP65(Standard/Waterproof Buzzer)

Non-Waterproof(High-Volume Buzzer)



---

## QDML-IOL

Multiple Color Programmable LED Work  
Light with IO-Link Technology

---



**Voltage** DC24V

**Dimension (mm)** 10(W)X40(H)X125-910(L)

**Materials** Housing-Al, Lens-PU

**Protection rating** IP67

**Certificates** IO-Link, CE, UKCA

---

## QDT50L-IOL

Ø50mm Multiple Color Programmable  
LED Tower Light with IO-Link Technology

---

**Voltage** DC24V

**Dimension (mm)**

Diameter : Ø51

Height : 165-278

**Sound volume**

Max. 80dB at 1m(Buzzer)

**Layer**

3 Layers, 5 Layers

**Materials**

Housing-Al, Lens-PC

**Protection rating**

Standard-IP65, Buzzer type-IP20

**Certificates** IO-Link, CE, UKCA



---

## QDB50-IOL

Multiple Color Programmable LED Signal  
Beacon Light with IO-Link Technology

---

**Voltage**

DC24V

**Dimension (mm)**

Diameter : Ø50

Height : 20

**Materials**

Housing-Al, Lens-PC

**Protection rating**

IP67

**Certificates**

IO-Link, CE, UKCA

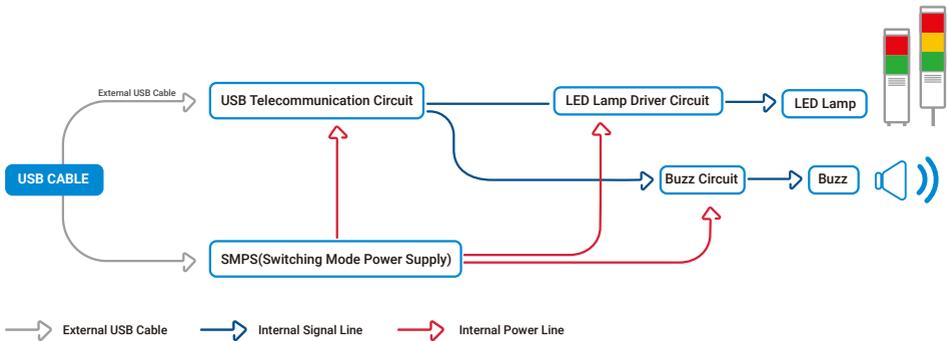


# ■ USB/Ethernet Signal Tower Lights

- USB Signal Tower Lamp
  - : A tower lamp that connects to a PC via a USB port for operation.
- ETN(Ethernet) Signal Tower Lamp
  - : A tower lamp that allows remote equipment control via Ethernet or LAN networks.

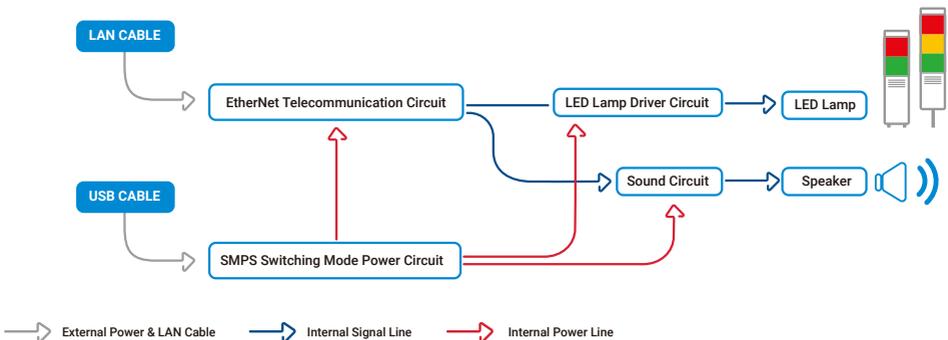
## 1. What is USB?

USB is an industry standard that defines cables, connectors, and communication protocols used in bus between PCs and its peripherals. A single host controller of USB can connect to up to 127 devices without rebooting the connected PC or installation process.



## 2. What is Ethernet?

Ethernet is the most popular physical layer LAN technology in use today. It defines the number of conductors that are required for a connection, the performance thresholds that can be expected, and provides the framework for data transmission. A standard Ethernet network can transmit data at a rate up to 10 Megabits per second (10 Mbps). The Institute for Electrical and Electronic Engineers developed an Ethernet standard known as IEEE Standard 802.3.



## ST45(M)L-USB Ø45mm USB LED Tower Lights

**Voltage**  
USB DC5V

**Dimension (mm)**  
Diameter : Ø45, Height : 198-572

**Sound volume**  
Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

**Layer**  
1-5 Layers

**Materials**  
Lens-AS, Housing-ABS

**Protection rating**  
IP23

**Certificates** CE



## ST56(M)EL-USB Ø56mm USB LED Tower Lights

**Voltage**  
USB DC5V

**Dimension (mm)**  
Diameter : Ø56, Height : 192-566

**Sound volume**  
Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

**Layer**  
1-5 Layers

**Materials**  
Lens-AS, Housing-ABS

**Protection rating**  
IP23

**Certificates** CE



## ST80(M)EL-USB Ø80mm USB LED Tower Lights

**Voltage**  
USB DC5V

**Dimension (mm)**  
Diameter : Ø80, Height : 230-527

**Sound volume**  
Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

**Layer**  
1-5 Layers

**Materials**  
Lens-AS, Housing-ABS

**Protection rating**  
IP23



## STDEL-USB USB LED Steady/ Flashing Tower Light & Electric Horn Combination

**Voltage**  
DC12V, DC24V, AC110V, AC220V

**Dimension (mm)**  
Lens Diameter : Ø80,  
Body : Ø119, Height : 284-444

**Sound volume**  
Max.105dB at 1m(Signal sounds)

**Layer**  
1-5 Layers

**Materials**  
Lens-AS, Housing-ABS, Resonator-ABS

**Protection rating**  
IP54



## QTG50(M)L-USB USB LED Tower Lights

**Voltage**  
USB DC5V

**Dimension (mm)**  
Diameter : Ø50, Height : 204-592

**Sound volume**  
Max.85dB at 1m(Buzzer)

**Layer**  
1-5 Layers

**Materials**  
Lens-PC, Housing-ABS

**Protection rating**  
IP54

**Certificates** CE



## QTG60(M)L-USB USB LED Tower Lights

**Voltage**  
USB DC5V

**Dimension (mm)**  
Diameter : Ø60, Height : 199-635

**Sound volume**  
Max.85dB at 1m(Buzzer)

**Layer**  
1-5 Layers

**Materials**  
Lens-PC, Housing-ABS

**Protection rating**  
IP54

**Certificates** CE



## QTG70(M)L-USB

USB LED Tower Lights

### Voltage

USB DC5V

### Dimension (mm)

Diameter : Ø70, Height : 199-557

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-ABS

### Protection rating

IP54

Certificates CE



## QTC50(M)L-USB

USB LED Tower Lights

### Voltage

USB DC5V

### Dimension (mm)

Diameter : Ø50, Height : 204-592

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, FilterLens-PC, Housing-ABS

### Protection rating

IP54

Certificates CE



## QTC60(M)L-USB

USB LED Tower Lights

### Voltage

USB DC5V

### Dimension (mm)

Diameter : Ø60, Height : 199-635

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, FilterLens-PC, Housing-ABS

### Protection rating

IP54

Certificates CE



## QTC70(M)L-USB

USB LED Tower Lights

### Voltage

USB DC5V

### Dimension (mm)

Diameter : Ø70, Height : 199-557

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, FilterLens-PC, Housing-ABS

### Protection rating

IP54

Certificates CE



## QTR50(M)L-USB

USB LED Tower Lights

### Voltage

USB DC5V

### Dimension (mm)

Diameter : Ø50  
Height : 204-592

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-ABS

### Protection rating

IP54



## QTR60(M)L-USB

USB LED Tower Lights

### Voltage

USB DC5V

### Dimension (mm)

Diameter : Ø60  
Height : 199-635

### Sound volume

Max.85dB at 1m(Buzzer)

### Layer

1-5 Layers

### Materials

Lens-PC, Housing-ABS

### Protection rating

IP54



## QTR70(M)L-USB

USB LED Tower Lights

**Voltage**  
USB DC5V

**Dimension (mm)**  
Diameter : Ø70  
Height : 199-557

**Sound volume**  
Max.85dB at 1m(Buzzer)

**Layer**  
1-5 Layers

**Materials**  
Lens-PC, Housing-ABS

**Protection rating**  
IP54



## ST45(M)L-ETN

Ø45mm Ethernet LED Tower Lights

**Voltage**  
DC12V, DC24V, AC110-220V

**Dimension (mm)**  
Diameter : Ø45, Height : 244-618

**Sound volume**  
Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

**Layer**  
1-5 Layers

**Materials**  
Lens-AS, Housing-ABS

**Protection rating**  
IP23

**Certificates** CE



## ST56/80(M)EL-ETN

Ethernet LED Tower Lights

**Voltage**  
DC12V, DC24V, AC110-220V

**Dimension (mm)**  
Diameter : Ø56-80, Height : 230-631

**Sound volume**  
Max.90dB at 1m(Buzzer)  
Max.85dB at 1m(Signal sounds)

**Layer**  
1-5 Layers

**Materials**  
Lens-AS, Housing-ABS

**Protection rating**  
IP23

**Certificates** CE, KC



## QTG50 / 60 / 70(M)L-ETN

Ethernet LED Tower Lights

**Voltage**  
DC12V, DC24V, AC110-220V

**Dimension (mm)**  
Diameter : Ø50-70, Height : 199-635

**Sound volume**  
Max.85dB at 1m(Buzzer)

**Layer** 1-5 Layers

**Materials**  
Lens-PC, Housing-ABS

**Protection rating**  
IP54

**Certificates** CE



## QTC50 / 60 / 70(M)L-ETN

Ethernet LED Tower Lights

**Voltage**  
DC12V, DC24V, AC110-220V

**Dimension (mm)**  
Diameter : Ø50-70, Height : 199-635

**Sound volume**  
Max.85dB at 1m(Buzzer)

**Layer** 1-5 Layers

**Materials**  
Lens-PC, Housing-ABS

**Protection rating**  
IP54

**Certificates** CE



## QTR50 / 60 / 70(M)L-ETN

Ethernet LED Tower Lights

**Voltage**  
DC12V, DC24V, AC110-220V

**Dimension (mm)**  
Diameter : Ø50-70, Height : 199-635

**Sound volume**  
Max.85dB at 1m(Buzzer)

**Layer** 1-5 Layers

**Materials**  
Lens-PC, Housing-ABS

**Protection rating**  
IP54

**Certificates** CE



# ■ Electronic Sounders

Wide range of electric horns with clear and high volume for various purposes



---

## SPK

Panel Mounted Speaker

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Outdia : □80×80, Depth : 75

### Sound volume

Max.90dB at 1m

### Materials

ABS

### Protection rating

IP23

### Certificates

CE



---

## CPK-CAN

Signal phone for  
CAN communication panel

### CAN communication standard version

Supports versions 2.0A and 2.0B

### Voltage

DC12-24V

### Dimension (mm)

Outdia : □80×80, Depth : 75

### Sound volume

Max.85dB at 1m

### Materials

ABS

### Protection rating

IP65

### Certificates

CE



---

## CPK-IO

Signal phone for multi-channel panel

### Voltage

DC12-24V

### Dimension (mm)

Outdia : □80×80

Depth : 75

### Sound volume

Max.85dB at 1m

### Materials

ABS

### Protection rating

IP65

### Certificates

CE



---

## CPK-RS485

Signal phone for  
RS485 communication panel

### Voltage

DC12-24V

### Dimension (mm)

Outdia : □80×80

Depth : 75

### Sound volume

Max.85dB at 1m

### Materials

ABS

### Protection rating

IP65

### Certificates

CE



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## QMPS

Panel Mounted Multi-Functional Speaker

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □120 x 120, Depth : 68

### Sound volume

Max.95dB at 1m(Built-in sound)

Max.90dB at 1m(MP3)

### Materials

Housing-ABS, Cover-ABS

### Protection rating

IP54

### Certificates

CE, UL



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## QMPS-N

Panel Mounted Speaker

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □120 x 120, Depth : 68

### Sound volume

Max.95dB at 1m(Built-in sound)

### Materials

Housing-ABS, Cover-ABS

### Protection rating

IP54

### Certificates

CE



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## SMP35 / SMP50

Self Stand Multi-Functional Electric Horn

---

**Voltage** DC12-24V, AC110-220V

**Dimension (mm)** Outdia : 145 x 177, Length : 219

### Sound volume

SMP35:

Max.115dB at 1m(Built-in sound)

Max.113dB at 1m(MP3)

SMP50:

Max.123dB at 1m(Built-in sound)

Max.120dB at 1m(MP3)

### Materials

Housing-ABS, Resonator-ABS, Bracket-ST5

**Protection rating** IP65

**Certificates** CE



---

## SMP35-N / SMP50-N

Self stand type Electronic Sounder

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : 145 x 177, Length : 219

### Sound volume

SMP35-N: Max.115dB at 1m

SMP50-N: Max.123dB at 1m

### Materials

Housing-ABS, Resonator-ABS, Bracket-ST5

**Protection rating**

IP65

**Certificates** CE



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## SAB130 / SAB200

Alarm Bells with Lamp for Vessels and Heavy Industrial Applications

---

### Voltage

DC24V, AC110V, AC220V

### Dimension (mm)

Bell Diameter : Ø130-200

Height : 238-269, Depth : 107

### Sound volume

Max. 95dB at 1m(Bell sound)

### Materials

Bell-Steel, Housing-ABS

**Protection rating**

IP44

**Certificates** CE



---

## S60ADH

Wall Mounted High Buzzer Horn

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Diameter : Ø75

Height : 158, Depth : 86

### Sound volume

Max.95dB at 1m(Buzzer)

### Materials

ABS

**Protection rating**

IP54

**Certificates**

CE



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## QAP80H

Electric Horn, Wall Mount Type

---

### Voltage

DC12-24V

### Dimension (mm)

Diameter : Ø83

Height : 129

### Sound volume

Max.100dB at 1m(Built-in sound)

### Materials

Housing-ABS, Resonator-ABS

### Protection rating

IP65

### Certificates

CE



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## QAP100H / QAP125H

Electric Horn,  
Wall Mount Type

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Diameter : Ø97-116

Height : 137-149

### Sound volume

QAP100H: Max.100dB at 1m(Built-in sound)

Max.95dB at 1m(MP3)

QAP125H: Max.115dB at 1m(Built-in sound)

Max.100dB at 1m(MP3)

### Materials

Housing-ABS, Resonator-ABS

### Protection rating

CE



---

## QAP100H-N / QAP125H-N

Electric Horn,  
Wall Mount Type

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Diameter : Ø97-116

Height : 137-149

### Sound volume

QAP100H-N: Max.100dB at 1m

QAP125H-N: Max.115dB at 1m

### Materials

Housing-ABS, Resonator-ABS

### Protection rating

IP65

### Certificates

CE



---

## QAP80 / 100 / 125BZ

Electric Horn/ High Siren  
Buzzer Horn, Wall mount

---

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø83-116

Height : 129-149

### Sound volume

Max.105dB at 1m(Buzzer)

### Materials

Housing-ABS, Resonator-ABS

### Protection rating

IP65

### Certificates

CE



---

## SN

Electronic Sounders for Vessels and  
Heavy Industrial Applications

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø119mm

Length : 167

### Sound volume

Max.100dB at 1m

### Materials

Housing-Steel, Horn housing-Steel

### Protection rating

IP55

### Certificates

CE



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## SEHN25 / SEHN50

Electronic Sounders for Vessels  
and Heavy Industrial Applications

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Horn Diameter : Ø158-167

Depth : 238-242

### Sound volume

SEHN15: Max.115dB at 1m

SEHN25: Max.118dB at 1m

### Materials

Housing-Steel

### Protection rating

IP55



---

## QWH35

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □136x179, Depth : 128

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)

Max.112dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



---

## QWH50

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □168 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)

Max.115dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



---

## QWH35T

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □196 x 179, Depth : 126

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)

Max.112dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



---

## QWH50T

Wall Mount Electronic Sounder with  
Pre-Recorded Special Warning Sound

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □229 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)

Max.115dB at 1m(MP3)

### Materials

Horn-PC+ABS, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



---

## SRN

General Electric Horns

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Outdia : Ø125, Length : 186

### Sound volume

Max.108dB at 1m

### Materials

ABS

### Protection rating

IP55

### Certificates

CE



---

## SEN15 / SEN25

General Electric Horns

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Outdia : □130x130, Length : 200

### Sound volume

SEN15: Max.105dB at 1m

SEN25: Max.115dB at 1m

### Materials

ABS

### Protection rating

IP55

### Certificates

CE



# Emergency Vehicle Light Bars

Applications for various vehicle models with freely configurable combinations of length, color, and functionality



## QLV

LED Strobe Warning Light Bar



**Voltage** DC12V

**Dimension (mm)**

Outdia : 300 x 64, Height : 129, Length : 885-1250

**Materials** Lens-PC, Cover-AI, Board-AI, Bracket-ST5

**Protection rating** IP56

**Certificates** CE

## QLV-SET

LED Strobe Light Bar Set



**Voltage** DC12V

**Dimension (mm)** Outdia : 300 x 64, Height : 129, Length : 885-1250

**Materials** QLV Light Bar Model-PC other

SAMP-100-Steel, AI/ SM-100ND-Steel

**Protection rating** IP56

**Certificates** CE

## ELML

Warning Lights for Road Safety



**Voltage** DC12V, DC24CV

**Dimension (mm)** Outdia : 280 x 136, Height : 161, Length : 588-1708

**Sound volume** Max. 126dB at 1m(Built-in speaker)

**Materials** Lens-PC, Speaker Cover-ST5,  
Reflector-Heat resistant ABS, Board-AI

**Protection rating** IP56

## ELM-SOL

Solar Powered Warning Light Bar



**Voltage** 12V(Battery voltage)

**Dimension (mm)** Width : 1148, Height : 497, Length : 506

**Battery capacity/Running time** 12Ah/96hr

**Materials** Lens-PC, Speaker Cover-ST5,  
Reflector-Heat resistant ABS, Board-AI

**Protection rating** IP56

---

## SAMP

Controllable AMP for Warning Light Bar

---



**Voltage** DC12V,DC24V

**Dimension (mm)** Width : 175, Height : 73 , Depth : 165

**Product Features** Signal sound AMP for ELML

**Materials** Cover-STS

---

## SAMP-100

Controllable AMP for QLV Warning Light Bar

---



**Voltage** DC12V

**Dimension (mm)** Width : 175, Height : 50, Length : 185

**Product Features** Amplifier is already part of QLV-SET model

**Materials** Cover-Steel

**Certificates** CE

---

## SM-100ND

Horn for Warning Light Bar

---



**Voltage** DC12V

**Dimension (mm)** Horn Diameter : Ø122, Length : 118

**Product Features** Mounting bracket for applications in various environments

**Materials** Steel

**Certificates** CE

# ■ Aviation Obstruction Lights

Applied to vehicles operating on airport runways and aerodromes, as well as fixed structures under 150 meters, to enhance visibility and ensure runway safety



## SAOL1

Low Intensity LED Aviation Obstruction Light

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Diameter : Ø115, Height : 275

### Luminous intensity

17cd ±25%

### Materials

Lens-PC, Housing-PC,  
Lens ring-ST316L,  
Pole-ST3304, Bracket-Al

### Protection rating

IP56

### Certificates

ICAO, CE



## QAOL1

Low Intensity LED Aviation Obstruction Light

### Voltage

DC12-24V

### Dimension (mm)

Diameter : Ø107, Height : 112

### Luminous intensity

200cd±25%

### Materials

Lens-PC, Housing-PC

### Protection rating

IP66

### Certificates

ICAO, CE



## SAOL2 / SAOL3

Low Intensity  
LED Aviation Obstruction Light

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

SAOL2(P)-Diameter : Ø139  
SAOL2 Height : 185, SAOL2P Height : 274  
SAOL3(P)-Diameter : Ø157  
SAOL3 Height : 215, SAOL2P Height : 303

### Luminous intensity

SAOL2(P) : 19cd ±25%  
SAOL3(P) : 42cd±10%

### Materials

Lens-PC, Housing-Al,  
Bracket-ST3316L, Pole-ST3

### Protection rating

IP66

### Certificates

ICAO, CE



## QEAL1

Explosion-Proof Low Intensity  
LED Aviation Obstruction Light

### Voltage

DC12V, DC24V, AC110V-240V

### Dimension (mm)

Cage Diameter : Ø152  
Height : 238, Length : 183

### Luminous intensity

50cd ±25%

### Materials

Lens-Tempered glass, Housing-Al,  
Protection cage-ST3316L, Heat sink-Al

### Protection rating

IP66

### Certificates

KCs, ICAO



# ▪ Singal Beacons for General Use

Available in a wide range of diameter from 50mm to 180mm, ensuring compatibility with diverse industrial environments



## S60LR

Ø60mm LED Revolving Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø70(Approx.)

Height : 121

### Materials

Lens-AS, Housing-ABS,  
Reflector/Reflector-Heat resistant ABS

### Protection rating

IP44



## S80DR / S80LR

Ø80mm LED Revolving  
Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)

Height : 131-133

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44



## S80DRK / S80LRK

Ø80mm LED Revolving  
Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø84(Approx.)

Height : 153-155

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44



## S100LR

Ø100mm LED Revolving Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø101(Approx.)

Height : 152

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44



---

## S80ADR / S80ALR

Ø80mm LED Revolving  
Warning Light

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 125-127

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44



---

## S100MLR / S125MLR

LED Revolving  
Warning Lights

---

### Voltage

DC12V, DC24V

### Dimension (mm)

Lens Diameter : Ø101-119(Approx.)  
Height : 149-161

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP54



---

## S125LR

Ø125mm LED Revolving Warning Light

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø119(Approx.)  
Height : 158

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44



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## SK Series

Streamlined Bulb/  
LED Revolving Warning Lights

---

### Voltage

DC12V, DC24V

### Dimension (mm)

Height : 135-142, Length : 183-192

### Revolving speed

120-140RPM

### Materials

Lens-PC, Housing-PC, Reflector-PC/STS  
Reflector-Heat resistant ABS(SKLR /  
SKMLR)

### Protection rating

IP54



---

## S150U(-FT)

Ø150mm LED Revolving  
Warning Light

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø138(Approx.)  
Height : 193-196

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-PC, Housing-ABS, Reflector-PC,  
Reflector-Heat resistant ABS,  
Mounting bracket-ST316L

### Protection rating

IP44

### Certificates

CE



---

## S150ULR(-FT) Ø150mm LED Revolving Warning Light

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø138(Approx.)  
Height : 193-196

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-PC, Housing-ABS, Reflector-PC,  
Reflector-Heat resistant ABS,  
Mounting bracket-ST316L

### Protection rating

IP44



## S60R / S80R

Bulb Revolving Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø70, Ø83(Approx.)  
Height : 121-131

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector/Reflector-Heat resistant ABS

### Protection rating

IP44

### Certificates

CE



## S80/100/125U

Bulb Revolving Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83-119(Approx.)  
Height : 133-158

### Sound volume

Max.90dB at 1m(S60R)

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector/Reflector-Heat resistant ABS

### Protection rating

IP44

### Certificates

CE



## S80AR / S80AU

Ø80mm Bulb Revolving  
Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 125-127

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44

### Certificates

CE



## S100R / S125R

Bulb Revolving Warning Light

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø101, Ø119(Approx.)  
Height : 149-161

### Sound volume

Max.90dB at 1m

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44

### Certificates

CE



## S100M / S125M

LED Revolving Warning Light

### Voltage

DC12V, DC24V

### Dimension (mm)

Lens Diameter : Ø101, Ø119(Approx.)  
Height : 149-161

### Sound volume

Max.90dB at 1m

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP54

### Certificates

CE



## S150U(-FT)

외경 150mm LED 반사경 회전 경고등

### 사용전압

DC12V, DC24V, AC110V, AC220V

### 외형치수

Lens Diameter : Ø138(Approx.)  
Height : 193~196

음량 Max.90dB at 1m

회전수 120~140RPM

### 재질

그로브-PC, 몸체-ABS, 반사경-PC,  
반사체-내열성 ABS,  
취부브라켓-SUS316L

보호등급 IP44

기술인증 CE



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## SR / SRP

Bulb Revolving Stack Light

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### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 162-551

### Layer

1-3 Layers

### Revolving speed

120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector/Reflector-Heat resistant ABS

### Protection rating

IP44



---

## SRL / SRLP

LED Steady/Flashing Signal Stack Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 162-551

### Layer

1-3 Layers

### Flashing rate

60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector/Reflector-Heat resistant ABS

### Protection rating

IP44



---

## SJ / SJP

Bulb Revolving Stack Light

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Cubic : □95×95  
Height : 186-556

**Sound volume** Max.90dB at 1m

**Layer** 1-3 Layers

**Revolving speed** 120-140RPM

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44

**Certificates** CE



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## SJL / SJLP

LED Steady/Flashing Signal Stack Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Cubic : □95×95  
Height : 186-556

**Sound volume** Max.90dB at 1m

**Layer** 1-3 Layers

**Flashing rate** 60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44



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## S50L

Ø50mm LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø50(Approx.)  
Height : 60

**Flashing rate** 60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44

**Certificates** CE



---

## S60L

Ø60mm LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø70(Approx.)  
Height : 121

**Flashing rate** 60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44



---

## S80L

Ø80mm LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 133

### Sound volume

Max.90dB at 1m

**Flashing rate** 60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44

**Certificates** CE



---

## S80LK

Ø80mm LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 155

### Flashing rate

60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP44

**Certificates** CE



---

## S80AL

Ø80mm LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 127

### Sound volume

Max.90dB at 1m

**Flashing rate** 60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44

**Certificates** CE



---

## S100L

Ø100mm LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø101(Approx.)  
Height : 152

### Sound volume

Max.90dB at 1m

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44

**Certificates** CE



---

## S125L

Ø125mm LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø119(Approx.)  
Height : 158

### Sound volume

Max.90dB at 1m

**Flashing rate** 60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44

**Certificates** CE



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## SKTL Series

Cubic LED Signal Light for Vehicles

---

### Voltage

DC12V, DC24V

### Dimension (mm)

Cubic : □105×105  
Height : 88-90

### Operation Mode

Strobe(SKTL / SKTLB)  
Flashing left and right(SKTLM / SKTLBM)

**Flashing rate** 60-80/min

### Materials

Lens-PC, Housing-PC

**Protection rating** IP66

**Certificates** CE



## S80/100/125SOL

Solar Rechargeable  
LED Flashing Signal Light

**Battery Voltage** 2.4V

**Battery Capacity** 2.5Ah

**Dimension (mm)**

Lens Diameter : Ø83-119(Approx.)

Height : 143-175

**Flashing rate**

60-80/min

**Materials**

Lens-PC, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating**

IP54

**Certificates** CE



## S150UL(-FT)

Ø150mm LED Steady/Flashing  
Signal Light

**Voltage**

DC12-24V, AC110V, AC220V

**Dimension (mm)**

Lens Diameter : Ø138(Approx.)

Height : 193-196

**Sound volume**

Max.90dB at 1m

**Flashing rate** 60-80/min

**Materials**

Lens-PC, Housing-ABS,  
Reflector-Heat resistant ABS, Mounting  
bracket-ST316L

**Protection rating**

IP44



## S125TL

Ø125mm Large-Sized Stackable Signal Lights

**Voltage**

DC12-24V, AC110V, AC220V

**Dimension (mm)**

Lens Diameter : Ø125(Approx.)

Height : 195-395

**Sound volume**

Max.90dB at 1m

**Layer** 1-3 Layers

**Materials**

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44



## SWTC(E)

Wall Mounting Multiple Color  
LED Steady/Flashing Signal Lights

**Voltage**

DC12-24V, AC110V, AC220V

**Dimension (mm)**

Diameter : Ø90(Half),

Height : 216, Depth : 46

**Sound volume**

Max.90dB at 1m(Buzzer)

**Materials**

Cover-ABS, Housing-ABS,  
CoverLens-PC

**Protection rating** IP55

**Certificates** CE



## Q60/80/100/125 Series

LED Steady/Flashing  
Signal Light

**Voltage**

DC12-24V, AC110-220V

**Dimension (mm)**

Lens Diameter : Ø69-116

Height : 100-313

**Sound volume**

Max.80dB at 1m

**Flashing rate**

60-80/min

**Materials**

Lens-PC, Housing-ABS, Bracket-PC

**Protection rating** IP65

**Certificates** CE, UL



## QMCL Series

Multiple Color  
LED Steady Signal Light

**Voltage**

DC12V, DC24V

**Dimension (mm)**

Lens Diameter : Ø69-116(Approx.)

Height : 80-110

**Sound volume**

Max.80dB at 1m

**Signal Color Options**

7-Color Signal Options

**Materials**

Lens-PC, Housing-ABS

**Protection rating** IP65

**Certificates** CE, UL



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## QLTF

LED Flashing indicator

---

### Voltage

DC24V, DC12-24V

### Dimension (mm)

Outdia : □110 x 52

Height : 47

### Sound volume

Max.65dB at 1m

### Materials

Lens-AS, Housing-ABS

**Protection rating** IP23

**Certificates** CE



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## S80NS

Ø80mm LED Strobe Signal Light

---

### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)

Height : 111

### Flashing rate

60-80/min

### Materials

Lens-PC, Housing-ABS+GF

**Protection rating** IP66

**Certificates** CE, UL



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## SMCL Series

Multiple Color  
LED Steady/Flashing Signal Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83-119(Approx.)

Height : 133-158

**Sound volume** Max.90dB at 1m

**Flashing rate** 60-80/min

### Materials

Lens-ABS(SMCL80),  
PC(SMCL100/125), Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP44

**Certificates** CE



---

## MFL Series

Multiple Function LED Signal Light

---

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Lens Diameter : Ø69-116(Approx.)

Height : 100-155

**Sound volume** Max.80dB at 1m

### Revolving speed

Simulated revolving type(LR) 120-140RPM

### Flashing rate

Flashing type(LF) 60-80/min

Strobe type(LS) 70-80/min

**Materials** Lens-PC, Housing-ABS

**Protection rating** IP65

**Certificates** CE, UL, KC



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## S150US(-FT)

Ø150mm Xenon Lamp Strobe Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø138(Approx.)

Height : 193-196

**Sound volume** Max.90dB at 1m

**Flashing rate** 60-80/min

### Materials

Lens-PC, Housing-ABS,  
Reflector-Heat resistant ABS,  
Mounting bracket-ST316L

**Protection rating**

IP44



---

## S80AS

Ø80mm Xenon Lamp Strobe Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)

Height : 127, Depth : 113

**Sound volume**

Max.90dB at 1m

**Flashing rate**

60-80/min

### Materials

Lens-AS, Housing-ABS

**Protection rating**

IP44



---

## S80LS

LED Strobe Signal Light for Forklift

---

### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)

Height : 106

### Flashing rate

60-80/min

### Materials

Lens-PC, Housing-ABS

### Protection rating

IP65

### Certificates

CE, UL



---

## S125LSE

Ø125mm LED strobe signal light

---

### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø123(Approx.)

Height : 125

### Flashing rate

60-80/min

### Materials

Lens-PC, Housing-ABS

### Protection rating

IP54

### Certificates

CE



---

## S80/100/125S

Xenon Lamp Strobe Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø83-123(Approx.)

Height : 106-125

### Flashing rate

60-80/min

### Materials

Lens-AS, Housing-ABS

### Protection rating

IP54

### Certificates

CE



---

## S80/100/125SM

Magnet Mount  
Xenon Strobe Signal Light

---

### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø83-123(Approx.)

Height : 106-123

### Flashing rate

60-80/min

### Materials

Lens-AS, Housing-ABS

### Protection rating

IP54

### Certificates

CE



---

## S180US / S180UHS

Ø180mm Xenon Lamp  
Strobe Light

---

### Voltage

DC12-24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø186(Approx.)

Height : 216

### Sound volume

Max.90dB at 1m

### Flashing rate

60-80/min(2 time consecutively flash-

ing off or two in a row)

### Materials

Lens-ABS, Housing-ABS

### Protection rating

IP44



---

## S60AD Series

Signal Light with High Volume  
Built-in Buzzer

---

### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø70(Approx.)

Height : 233, Depth : 86

### Sound volume

Max.95dB at 1m

### Flashing rate

60-80/min

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP54  
Certificates CE



## QWCD35

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □136x179, Depth : 128

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)

Max.112dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL, CCS



## QWCD50

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □168 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)

Max.115dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



## QWCD35T

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □196 x 179, Depth : 126

### Sound volume

Max.115dB at 1m(31 Built-in Sounds)

Max.112dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



## QWCD50T

LED Strobe Beacon and Electronic  
Sounder Combinations

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Outdia : □229 x 222, Depth : 163

### Sound volume

Max.123dB at 1m(31 Built-in Sounds)

Max.115dB at 1m(MP3)

### Materials

Horn-PC, Housing-PC+ABS

### Protection rating

IP66

### Certificates

CE, UL



## STND100/125

Multifunctional Signal/Warning  
Lights & Electric Horn

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Lens Diameter : Ø101-115

Body Diameter : Ø119

Height : 250-261

### Sound volume

Max.105dB at 1m(Built-in sound)

Max.98dB at 1m(MP3)

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP54  
Certificates CE, UL(STND125L)



## STND100/125-N

Signal/Warning Lights &  
Electric Horn

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Lens Diameter : Ø101-115

Body Diameter : Ø119

Height : 250-261

### Sound volume

Max.105dB at 1m(Built-in sound)

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

### Protection rating

IP54  
Certificates CE



## STNDL / STNDL-N

LED Steady/Flashing Lights  
& Electric Horn

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Lens Diameter : Ø80  
Body Diameter : Ø119  
Height : 267-547

### Sound volume

Max.105dB at 1m(Built-in sound)  
Max.98dB at 1m(STNDL/MP3)

**Layer** 1-5 Layers

### Materials

Lens-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP54

**Certificates** CE



## QWTD

Wall Mount  
LED Signal Tower with Built-in Siren

### Voltage

DC12V, DC24V, AC110V-AC220V

### Dimension (mm)

Diameter : Ø70  
Height : 154-318, Depth : 76

### Sound volume

Max.85dB at 1m

**Layer** 1-5 Layers

### Materials

Lens-PC, Cover-ABS, Housing-ABS

**Protection rating** IP54

**Certificates** CE



## QAD80H

LED Steady/Flashing  
& Electronic Sounder

### Voltage

DC12-24V

### Dimension (mm)

Lens Diameter : Ø83(Approx.)  
Height : 198, Depth : 93

### Sound volume

Max.100dB at 1m(Built-in sound)

### Flashing rate

60-80/min

### Materials

Lens-PC, Housing-ABS

**Protection rating** IP65

**Certificates** CE



## QAD100H / QAD125H

LED Steady/Flashing  
& Electronic Sounder

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Lens Diameter : Ø97-116(Approx.)  
Height : 218-244, Depth : 109-132

### Sound volume

QAD100H: Max.100dB at 1m(Built-in sound)  
Max.95dB at 1m(MP3)  
QAD125H: Max.115dB at 1m(Built-in sound)  
Max.100dB at 1m(MP3)

**Flashing rate** 60-80/min

**Materials** Lens-PC, Housing-ABS

**Protection rating** IP65

**Certificates** CE



## QAD100H-N / QAD125H-N

LED Steady/Flashing  
& Electronic Sounder

### Voltage

DC12-24V, AC110-220V

### Dimension (mm)

Lens Diameter : Ø97-116(Approx.)  
Height : 218-244  
Depth : 109-132

### Sound volume

QAD100H-N: Max.100dB at 1m  
QAD125H-N: Max.115dB at 1m

**Flashing rate** 60-80/min

**Materials** Lens-PC, Housing-ABS

**Protection rating** IP65

**Certificates** CE



## QAD80/100/125BZ

LED Steady/Flash  
& Strong Buzzer

### Voltage

DC12V, DC24V, AC110-220V

### Dimension (mm)

Lens Diameter : Ø83-116(Approx.)  
Height : 198-244  
Depth : 93-132

### Sound volume

Max.105dB at 1m(Buzzer)

**Flashing rate** 60-80/min

### Materials

Lens-PC, Housing-ABS

**Protection rating** IP65

**Certificates** CE, UL



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## STD Series

LED Steady/Flashing Tower Light  
& Electric Horn

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### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø80  
Body Diameter : Ø119  
Height : 232-512

### Sound volume

Max.105dB at 1m

**Flashing rate** 60-80/min

### Materials

Lens-AS, Cover-AS, Housing-ABS,  
Reflector-Heat resistant ABS

**Protection rating** IP54

**Certificates** CE



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## S100D / S125D

Bulb Revolving Light &  
Electric Horn

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### Voltage

DC12V, DC24V, AC110V, AC220V

### Dimension (mm)

Lens Diameter : Ø101-115  
Body Diameter : Ø119  
Height : 215-226

### Sound volume

Max.105dB at 1m

### Materials

Lens-AS, Housing-ABS,  
Reflector/Reflector-Heat resistant ABS

**Protection rating** IP54

**Certificates** CE



# LED Work Lights

Applications in CNC machines, panel boards, and general industrial equipment



## QM(H)L-150

Water, Vibration and Oil Resistant LED Work Lights



**Voltage** DC24V

**Dimension (mm)** 155(W)X105-191(H)X36-66(L)

**Materials** Housing-Al, Lens-Tempered glass, Bracket-K Type-ST5430/MF Type-Al

**Protection rating** IP67/IP69K

**Certificates** CE, UL

## QM(H)L-250

Water, Vibration and Oil Resistant LED Work Lights



**Voltage** DC24V

**Dimension (mm)** 255(W)X115-201(L)X36-66(H)

**Materials** Housing-Al, Lens-Tempered glass, Bracket-K Type-ST5430/MF Type-Al

**Protection rating** IP67/IP69K

**Certificates** CE, UL

## QFL(C)

Water and Vibration Resistant LED Light Bars



**Voltage** DC24V, AC220V

**Dimension (mm)** 60(W)×63(H)×240-1190(L)

**Materials** Lens-PC, Side cover-Al, Heat sink-Al, Bracket-SPC-1

**Protection rating** IP67

**Certificates** CE

## QPL(C)

Basic Waterproof LED Light Bars



**Voltage** DC24V, AC110V, AC220V

**Dimension (mm)** 39(W)×24(H)×200-500(L)

**Materials** Lens-PC, Side cover-ABS, Heat sink-Al

**Protection rating** IP65

**Certificates** CE, UL

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## QPHL(C)

Basic Waterproof LED Light Bars

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**Voltage** DC24V, AC110V, AC220V

**Dimension (mm)** 39(W)×24(H)×200-500(L)

**Materials** Lens-PC, Side cover-ABS, Heat sink-Al

**Protection rating** IP65

**Certificates** CE, UL

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## QMFLN

Water, Vibration and Oil Resistant  
LED Work Lights with IP67/ IP69K Protection

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**Voltage** DC24V

**Dimension (mm)** 56(W)X67(H)X190-600(L)

**Materials** Housing-Al, Lens-Tempered glass, Bracket-SPC-1

**Protection rating** IP67/IP69K

**Certificates** CE, UL

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## QCML-7C-24

Waterproof LED Light Bars with IP67/IP69K  
Protection for Multi-Purpose Use

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**Voltage** DC24V

**Dimension (mm)** 33(W)X26(H)X228-1,528(L)

**Materials** Lens-PC, Side cover-PC, Heat sink-Al, Bracket-PC

**Protection rating** IP67/IP69K

**Certificates** CE, UL

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## QCML-3C-24

Waterproof LED Light Bars with IP67/IP69K  
Protection for Multi-Purpose Use

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**Voltage** DC24V

**Dimension (mm)** 33(W)X26(H)X123-428(L)

**Materials** Lens-PC, Side cover-PC, Heat sink-ST5, Bracket-PC

**Protection rating** IP67/IP69K

**Certificates** CE

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## QCML(C)

Waterproof LED Light Bars with IP67/IP69K  
Protection for Multi-Purpose Use

---



**Voltage** DC24V

**Dimension (mm)** 33(W)X26(H)X228-1,528(L)

**Materials** Lens-PC, Side cover-PC, Heat sink-Al, Bracket-PC

**Protection rating** IP67/IP69K

**Certificates** CE, UL

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## QGL(C)

LED Light Bars for Indoor

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**Voltage** DC24V

**Dimension (mm)** 38(W)×34(H)×200-500(L)

**Materials** Lens-PC, Side cover-ABS, Heat sink-Al, Bracket-ST5201

**Protection rating** Non-Waterproof

**Certificates** CE

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## QEL Series

LED Light Bars for Distribution Panel

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**Voltage** DC24V, AC110V, AC220V

**Dimension (mm)** 35(W)X31(H)X220-578(L)

**Materials** Lens-PC, Side cover-ABS, Bracket-ST5201

**Protection rating** Non-Waterproof

**Certificates** CE, KC

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## QML60

Flexible Gooseneck LED Work Light

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**Voltage** DC24V

**Dimension (mm)** 60(Ø)×83(Ø)×698(L)

**Materials** Housing-Al(DIECASTING), Lens-PC

**Protection rating** IP65

**Certificates** CE

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## QLEX-SLM Series

Explosion-Proof LED Luminaires

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**Voltage** DC24V, AC220V

**Dimension (mm)** 105(W)×65(L)×250-650(H)

**Materials** Side cover-Al, Lens-PC, Bracket-Al

**Protection rating** IP66/67

**Certificates** CE, KCs, NEPSI, S-Mark, ATEX, IECEx

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## QLS-SLM-250

High brightness LED light

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**Voltage** DC24V

**Dimension (mm)** 90(W)×40(H)×250(L)

**Materials** Side cover-PC, Lens-PC, Bracket-Al

**Protection rating** Non-Waterproof

**Certificates** CE, UL

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## QMFL300-Ex-24

Explosion-Proof LED Luminaires

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**Voltage** DC24V

**Dimension (mm)** 62(W)X69(H)X310(L)

**Materials** Housing-Al, Side cover-Al, Lens-Tempered glass,  
Bracket-SPC-1

**Protection rating** IP67/IP69K

**Certificates** KCs, NEPSI

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## QLEX-350

Explosion-Proof LED Luminaires

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**Voltage** DC24V

**Dimension (mm)** 110(W)×93(H)×350(L)

**Materials** Side cover-Al, Lens-PC, Side cover out-NBR,  
Bracket-Al

**Protection rating** IP66/IP67

**Certificates** KCs, NEPSI, CE

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## QWL20

Water and Dust proof  
LED Work Lights with IP67 Protection

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**Voltage** DC12-24V

**Dimension (mm)** 85(W)X119(L)X42(H)

**Materials** Housing-Al, Lens-PC, Bracket-STS

**Protection rating** IP67

**Certificates** CE, UL

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## QWL40

Water and Dust proof  
LED Work Lights with IP68 Protection

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**Voltage** DC12-24V

**Dimension (mm)** 96(W)X100(L)X75(H)

**Materials** Housing-Al, Lens-PC, Bracket-STS

**Protection rating** IP68

**Certificates** CE, UL

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## QLEX-SLM-650-EMG

Explosion-Proof  
LED Emergency Luminaires

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**Voltage** AC110-230V

**Dimension (mm)** 187/90(W)X110(H)X792(L)

**Materials** Housing-Al, Upper cover-Al, Side cover-Al, Lens-PC,  
Bracket-Al, STS316L

**Protection rating** IP66

**Certificates** KCs

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## QLEX-TRI-240(PL)

Explosion-Proof LED Luminaires

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**Voltage** DC24V

**Dimension (mm)** 52(W)X70(H)X244(L)

**Materials** Side cover-Al, Lens-PC, Bracket-PC

**Protection rating** IP66/IP67

**Certificates** KCs, NEPSI

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## QL-PL Series

LED Moisture Proof Lights

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**Voltage** AC220V

**Dimension (mm)** 41(W)X455-1,220(L)X53(H)

**Materials** Housing-PC, Side cover-PC, Bracket-STS

**Protection rating** IP65

**Certificates** CE, KS

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## QELT-UL

LED Light Bars for Distribution Panel

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**Voltage** AC110-120V

**Dimension (mm)** 35(W)X31(H)X249-549(L)

**Materials** Lens-PC, Side cover-ABS, Bracket-STS201

**Protection rating** Non-Waterproof

**Certificates** UL(RU)

# Global Networks



## Qlight Clients

Heavy industry/Ship building/Automotive/Steel/Machinery/Petrochemical/Power plants/Electronics/Semiconductor/Emergency Vehicles


Qlight products have been exported all over the world in recognition of excellent technical capabilities and exceptional quality. Qlight products are going to be distributed a lot more countries in the future.



**Qlight USA**  
1167 Massachusetts Ave, Arlington, MA 02476, USA

**Qlight Japan**  
1-9, Maesato-cho, Minami-ku, Yokohama, 232-0004, Japan

**80+** | COUNTRIES  
**250+** | DISTRIBUTORS



Gimhae Production Headquarters    Head Office

Busan Business Center

Qlight China Factory

## Technical Certification

Qlight products are designed to meet strict quality and technical standards. Thus, the Qlight brand is widely recognized for its high quality and technical innovations from leading institutions around the world.



**ISO**  
International Organization for  
Standardization



**IECEX**  
International Explosion-Proof  
Certification(IECEX)



**ATEX**  
The European Regulatory  
Framework of Manufacture, Installation  
and Use of Equipment in Explosive  
Atmospheres



**NEPSI**  
National Center for Explosion Protection  
and Safety of Instrumentation



**NRTL**  
Certified by designated U.S. laboratory



**KCs**  
Korea safety Certification



**TIIS**  
Technology Institution of  
Industrial Safety



**CCS**  
China Classification Society



**TS**  
Industrial Safety Technology Institute  
of Taiwan



**FCC**  
Federal Communications Commission



**S-mark**  
Safety Certification



**KC**  
Korea Certification Mark



**CCC**  
China Compulsory Certificate



**CCCF**  
China Certification Center for  
Security & Protection



**UL**  
Underwriters Laboratories



**CE**  
European Commission



**ICAO**  
International Civil Aviation Organization



**RoHS2**  
Restriction of Hazardous Substances  
Directive

# Qlight Catalog Introduction

Qlight produces a wide variety of product categories which offers the customer the ability to select the suitable device for their application needs and environments. There are signal tower lights, Signal Beacons and Sounders, Heavy-Duty and Explosion-Proof Signalings, Warning light bars, Aviation Obstruction Lights, Smart Factory Product, Industrial LED Lights, Performance Line - E Series, and IO-Link Product.



Signal Tower Lights



Signal Beacons and Sounders



Heavy-Duty and Explosion-Proof Signalings



Warning Light Bars



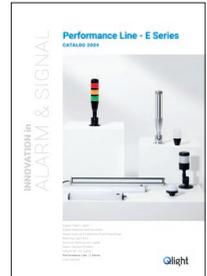
Aviation Obstruction Lights



Smart Factory Product



Industrial LED Lights



Performance Line - E Series



IO-Link Product

**You could download and find the latest Catalog on the Qlight website.**

\* The latest product information could be accurately checked on the Qlight website ([www.qlight.com](http://www.qlight.com)). Please refer to the user manual attached with the product before installation and use.



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