

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

Qlight quality assurance systems have been certified by ISO by applying the ISO 9001:2008, KS Q ISO 9001:2009 regulation.



IECEX International Explosion Proof Certification (IECEX)

Certified that Qlight's products are being manufactured and manage according to international standards.



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

Qlight's explosion proof products comply with ATEX directives 94/9/EC.



NEPSI National Supervision and Inspection Center for Explosion Protection and Safety of Instrumentation

Qlight's design and manufacturing system meets the People's Republic of China National explosion proof Standard. (Chinese Standard-GB3836/GB12476)



KCs Explosion Proof Device Safety Certification System

The safety performance of machines and equipment subject to safety certification and Technical capability and production system have been certified safety certification standards



TIIS Japan Explosion-proof Certification

TIIS is a Japanes explosion proof test and certification system accordance with the Ministry of Health, Labour and Welfare Notice and the explosion proof guidelines for factory electrical equipment. Qlight's explosion proof products have been tested and certified by TIIS.



ABS American Bureau of Shipping

Qlights design and quality assurance system has been certified by the American Bureau of Shipping.



RMRS Russian Maritime Register of Shipping

Qlight design and quality assurance system has been certified from Russian Maritime Register of Shipping.



CCS China Classification Society

Qlight design and quality assurance system has been certified by the China Classification Society.



KR Korean Register of Shipping

Qlight design and quality assurance system has been certified by the Korean Register of Shipping.



LR Lloyd's Register

Qlight design and quality assurance system has been certified from Lloyd's Register.



E-mark Commission Directive Regarding Vehicle Industry

Qlight has obtained EU mark for approved vehicles and vehicle components sold into the EU(EEA : European Economic Area)



KC Korea Safety Certification

Qlight products are certified by KC for preventing accident caused by fire.



KCC Conformity Assessment of Broadcasting Communication Equipment

Qlight has been certified to protect the electromagnetic environment that causes unwanted electromagnetic waves from the device, communication failure due to other devices or external radio waves, and malfunction of the device.



CCC China Compulsory Certificate

Qlight has obtained CCC which guarantees safety, protection against fraud, environment, etc.



CCCF China Certification Center for Security & Protection

Qlight has passed the rigorous examination process of "Passing Fire Protection Products Centering" In order to sell fire-fighting products such as fire alarm equipment to Chinese market.



UL Underwriters Laboratories

Qlight design and quality assurance system has been certified from UL to ensure the stability of consumption goods and to protect consumers.



CE European Commission

Qlight has been certified by the European Commission.



ICAO International Civil Aviation Organization

Qlight guarantees our products satisfy the criteria regulated by the International Civil Aviation Organization(ICAO, FAA).



RoHS Restriction of Hazardous Substances Directive

Qlight complies with the Restriction of Hazardous Substances Directive by limiting its use of hazardous materials.

Product Specification for Revolving Warning/ Signal Lights

LED Revolving Warning Lights



Model number	S60LR	S80DR	S80LR	S80DRK	S80LRK	S80ADR	S80ALR
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø70	Ø83	Ø83	Ø84	Ø84	Ø83
	Height	121	131	133	153	155	125
	Depth	-	-	-	-	-	113
Volume	-	Max 90dB at 1m	Max 90dB at 1m	-	-	Max 90dB at 1m	Max 90dB at 1m
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mounting structure	Self stand	Self stand	Self stand	Mount bracket	Mount bracket	Wall mount	Wall mount
Protection rating	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Certificates							
Customization	Wall mount	Wall mount	Wall mount	Pole mount	Pole mount	-	-



Model number	S100LR	S100MLR	S125LR	S125MLR	SKMPLR	SKLR	SKMLR
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V
Dimension (mm)	Diameter	Ø101	Ø101	Ø119	-	-	-
	Height	152	149	158	142	135	138
	Depth	-	-	-	185(Length)	183(Length)	183(Length)
Volume	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	-	-	-
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC
Mounting structure	Self stand	Detachable magnet	Self stand	Detachable magnet	Detachable magnet	Self stand	Detachable magnet
Protection rating	IP44	IP54	IP44	IP54	IP54	IP54	IP54
Certificates							
Customization	Wall mount 2 tones buzzer S100DR, S100RLR	AC type	Wall mount 2 tones buzzer S125RLR	AC type	Oval-shaped rubber magnet	-	-



Model number	S150ULR	S150ULR-FT	S150RLR	S150RLR-FT		
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V		
Dimension (mm)	Diameter	Ø138	Ø138	Ø140		
	Height	193	196	189	194	
	Depth					
Volume	Max 90dB at 1m	Max 90dB at 1m	-	-		
Material	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-STs	Lens-PC Housing-STs		
Mounting structure	Self stand	Mount bracket	Self stand	Mount bracket		
Protection rating	IP44	IP44	IP44	IP44		
Certificates						
Customization	2 tones buzzer	2 tones buzzer	-	-		

Product Specification for Revolving Warning/ Signal Lights

Bulb Revolving Warning Lights



Model number	S60R	S80R	S80U	S80RK	S80UK	S80AR	S80AU
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø70	Ø83	Ø83	Ø84	Ø84	Ø83
	Height	121	131	133	153	155	125
	Depth	-	-	-	-	-	113
Volume	-	Max 90dB at 1m	Max 90dB at 1m	-	-	Max 90dB at 1m	Max 90dB at 1m
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mounting structure	Self stand	Self stand	Self stand	Mount bracket	Mount bracket	Wall mount	Wall mount
Protection rating	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Certificates	CE	CE	CE	CE	CE	CE	CE
Customization	Wall mount	Wall mount	Wall mount	Pole mount	Pole mount	-	-



Model number	S100R	S100U	S100UA	S100M	S125R	S125U	S125M
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V
Dimension (mm)	Diameter	Ø101	Ø101	Ø101	Ø119	Ø119	Ø119
	Height	149	152	155	149	158	161
	Depth	-	-	-	-	-	-
Volume	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mounting structure	Self stand	Self stand	Self stand	Detachable magnet	Self stand	Self stand	Detachable magnet
Protection rating	IP44	IP44	IP44	IP54	IP44	IP44	IP54
Certificates	CE	CE	CE	CE	CE	CE	CE
Customization	Wall mount Cost-effective product (S100E), FT Bracket equipped	Wall mount 2 tones buzzer Dome type lens (S100UR)	Wall mount 2 tones buzzer	AC type	Wall mount Cost-effective product (S125E), FT Bracket equipped	Wall mount 2 tones buzzer	AC type



Model number	SK/ SKH	SKM/ SKMH	SKMP/SKMPH	S150U	S150U-FT	S150R	S150R-FT
Voltage	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)	Diameter	-	-	Ø138	Ø138	Ø140	Ø140
	Height	135	138	142	193	196	189
	Depth	183(Length)	183(Length)	185(Length)	-	-	-
Volume	-	-	-	Max 90dB at 1m	Max 90dB at 1m	-	-
Material	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-STS	Lens-PC Housing-STS
Mounting structure	Self stand	Detachable magnet	Detachable magnet	Self stand	Mount bracket	Self stand	Mount bracket
Protection rating	IP54	IP54	IP54	IP44	IP44	IP44	IP44
Certificates	-	-	-	CE	CE	CE	CE
Customization	-	-	Oval-shaped rubber magnet	2 tones buzzer	2 tones buzzer	-	-

Product Specification for Revolving Warning/ Signal Lights

Bulb Revolving Warning Lights



Model number	S180R	S180R-FT	S180U	SR	SRP	SJ	SJP
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø176	Ø176	Ø186	Ø83	Ø95×95	Ø95×95
	Height	206	210	216	162-350	183-375	387-579
	Depth						
Volume	-	-	Max 90dB at 1m	-	-	Max 90dB at 1m	Max 90dB at 1m
Material	Lens-AS Housing-STS	Lens-AS Housing-STS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mounting structure	Self stand	Mount bracket	Self stand	Self stand	Pole mount	Self stand	Pole mount
Protection rating	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Certificates	-	-	-	-	-	CE	CE
Customization	-	-	2 tones buzzer Mount hole PCD 120mm	4 layers, Color combination except for standard	4 layers, Color combination except for standard	2 tones buzzer 4 layers, Color combination except for standard	2 tones buzzer 4 layers, Color combination except for standard

LED Steady/ Flashing Signal Lights



Model number	S50L	S60L	S80L	S80LK	S80AL	S100L	S125L
Voltage	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V
Dimension (mm)	Diameter	Ø50	Ø70	Ø83	Ø84	Ø83	Ø101
	Height	60	121	133	155	127	152
	Depth	-	-	-	-	113	-
Volume	-	-	Max 90dB at 1m	-	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mounting structure	Self stand	Self stand	Self stand	Mount bracket	Wall mount	Self stand	Self stand
Protection rating	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Certificates	-	-	CE	CE	CE	CE	CE
Customization	Wall mount	Wall mount	Wall mount	Pole mount	-	Wall mount 2 tones buzzer	Wall mount 2 tones buzzer

Product Specification for Revolving Warning/ Signal Lights

LED Steady/ Flashing Signal Lights/ Stackable Lights



Model number	SKTL	SKTLB	SKTLM	SKTLBM	S150UL	S150UL-FT	S150RL	S150RL-FT
Voltage	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V
Dimension (mm)	Diameter	□105×105	□105×105	□105×105	□105×105	Ø138	Ø138	Ø140
	Height	98	98	90	90	193	196	189
	Depth							
Volume	-	Max 105dB at 1m	-	Max 105dB at 1m	Max 90dB at 1m	Max 90dB at 1m	-	-
Material	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-STs	Lens-PC Housing-STs
Mount bracket	Self stand	Self stand	Detachable magnet	Detachable magnet	Self stand	Mount bracket	Self stand	Mount bracket
Protection rating	IP66	IP66	IP66	IP66	IP44	IP44	IP44	IP44
Certificates	CE	CE	CE	CE	-	-	-	-
Customization	-	-	Color combination except for standard	Color combination except for standard	2 tones buzzer	2 tones buzzer	-	-



Model number	S80SOL	S100SOL	S125SOL	SRL	SRLP	SJL	SJLP	S125TL
Voltage	2.4V (Battery Voltage)	2.4V (Battery Voltage)	2.4V (Battery Voltage)	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V
Dimension (mm)	Diameter	Ø83	Ø101	Ø119	Ø83	Ø83	□95×95	□95×95
	Height	143	158	175	162-350	363-551	183-375	387-579
	Depth							
Volume	-	-	-	-	-	Max 90dB at 1m	Max 90dB at 1m	-
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mount bracket	Self stand	Self stand	Self stand	Self stand	Pole mount	Self stand	Pole mount	Self stand
Protection rating	IP54	IP54	IP54	IP44	IP44	IP44	IP44	IP44
Certificates	CE	CE	CE	-	-	-	-	-
Customization	Wall mount Magnet mount	Wall mount Magnet mount	Wall mount Magnet mount	-	-	2 tones buzzer	2 tones buzzer	Color combination except for standard, Strobe type(S125TS)
Transistor	-	-	-	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type

Product Specification for Revolving Warning/ Signal Lights

LED Steady/ Flashing Signal Lights

						
Model number	Q60L	Q60LW	Q60LP	Q80L	Q80LW	Q80LP
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V
Dimension (mm)	Diameter	Ø69	Ø69	Ø83	Ø83	Ø83
	Height	100	129	334	120	157
	Depth	-	107	-	114	-
Volume	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m
Material	Lens-PC Housing-ABS	Lens-PC Housing-ABS Mount-PC	Lens-PC Housing-ABS Pole-Al	Lens-PC Housing-ABS	Lens-PC Housing-ABS Mount-PC	Lens-PC Housing-ABS Pole-Al
Mounting structure	Self stand	Wall mount	Pole mount	Self stand	Wall mount	Pole mount
Protection rating	IP65	IP65	IP65	IP65	IP65	IP65
Certificates	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL
Customization	-	-	Customized pole length available	-	-	Customized pole length available

						
Model number	Q100L	Q100LW	Q100LP	Q125L	Q125LW	Q125LP
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V
Dimension (mm)	Diameter	Ø97	Ø97	Ø116	Ø116	Ø116
	Height	136	173	294	155	192
	Depth	-	121	-	130	-
Volume	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m
Material	Lens-PC Housing-ABS	Lens-PC Housing-ABS Mount-PC	Lens-PC Housing-ABS Pole-Al	Lens-PC Housing-ABS	Lens-PC Housing-ABS Mount-PC	Lens-PC Housing-ABS Pole-Al
Mounting structure	Self stand	Wall mount	Pole mount	Self stand	Wall mount	Pole mount
Protection rating	IP65	IP65	IP65	IP65	IP65	IP65
Certificates	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL
Customization	-	-	Customized pole length available	-	-	Customized pole length available

Multiple Function LED Signal Lights

				
Model number	MFL60	MFL80	MFL100	MFL125
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V
Dimension (mm)	Diameter	Ø69	Ø83	Ø97
	Height	100	120	136
	Depth	-	-	-
Volume	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m
Material	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS
Mounting structure	Self stand	Self stand	Self stand	Self stand
Protection rating	IP65	IP65	IP65	IP65
Certificates	CE, UL	CE, UL	CE, UL	CE, UL
Customization	Wall mount Pole mount	Wall mount Pole mount	Wall mount Pole mount	Wall mount Pole mount

Multiple Color LED Signal Lights

		
Model number	SWTC	SWTCE
Voltage	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V
Dimension (mm)	Diameter	Ø90(Half)
	Height	216
	Depth	46
Volume	Max 90dB at 1m	Max 90dB at 1m
Material	Lens-PC Housing-ABS	Lens-PC Housing-ABS
Mounting structure	Wall mount	Wall mount
Protection rating	IP55	IP55
Certificates	CE	CE
Customization	Color combination except for standard, 2 tones buzzer	Color combination except for standard, 2 tones buzzer
Transistor	NPN type	NPN type

Product Specification for Revolving Warning/ Signal Lights

Multiple Color LED Signal Lights



Model number	SMCL80	SMCL100	SMCL125	QMCL60	QMCL80	QMCL100	QMCL125
Voltage	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V
Dimension (mm)	Diameter	Ø83	Ø101	Ø119	Ø69	Ø83	Ø97
	Height	132	152	158	80	85	95
	Depth						
Volume	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m	Max 80dB at 1m
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mounting structure	Self stand	Self stand	Self stand	Self stand	Self stand	Self stand	Self stand
Protection rating	IP44	IP44	IP44	IP65	IP65	IP65	IP65
Certificates	CE	CE	CE	CE, UL	CE, UL	CE, UL	CE, UL
Customization	Wall mount Color combination except for standard	Wall mount Color combination except for standard	Wall mount Color combination except for standard	Wall mount	Wall mount	Wall mount	Wall mount
Transistor	NPN type	NPN type	NPN type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type

LED Strobe Signal Lights



Model number	S80NS	S80LS	S125LSE			
Voltage	DC12V-24V	DC12V-24V	DC12V-24V			
Dimension (mm)	Diameter	Ø83	Ø123			
	Height	111	106			
	Depth	-	-			
Volume	-	-	-			
Material	Lens-PC Housing-ABS+GF	Lens-PC Housing-ABS	Lens-PC Housing-ABS			
Mounting structure	Self stand	Self stand	Self stand			
Protection rating	IP66	IP65	IP54			
Certificates	CE, UL	CE, UL	-			
Customization	-	-	Wall mount			

Xenon Lamp Strobe Signal Lights



Model number	Q70NSC	Q70NSN	S80S	S80SM	S80AS	S100S	S100SM
Voltage	AC110V	DC12V-80V AC110V	DC12V-24V AC110V, AC220V	DC12V-24V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V
Dimension (mm)	Diameter	Ø72	Ø83	Ø83	Ø83	Ø101	Ø101
	Height	128	106	106	127	113	113
	Depth	-	-	-	113	-	-
Volume	-	-	-	-	Max. 90dB at 1m	-	-
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Mounting structure	Convenient wiring	Self stand	Self stand	Detachable magnet	Wall mount	Self stand	Detachable magnet
Protection rating	IP66	IP66	IP54	IP54	IP44	IP54	IP54
Certificates	-	-	CE	CE	CE	CE	CE
Customization	-	-	Wall mount	AC type	Dome type lens	Wall mount	AC type

Product Specification for Revolving Warning/ Signal Lights

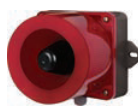


Model number	S125S	S125SM	S150US	S150US-FT	S150RS	S150RS-FT	S180US/ S180UHS
Voltage	DC12V-24V AC110V, AC220V	DC12V-24V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V	DC12V-24V AC110V, AC220V
Dimension (mm)	Diameter	Ø123	Ø123	Ø138	Ø138	Ø140	Ø186
	Height	125	123	193	196	189	216
	Depth						
Volume	-	-	Max 90dB at 1m	Max 90dB at 1m	-	-	Max 90dB at 1m
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-STS	Lens-PC Housing-STS	Lens-ABS Housing-ABS
Mounting structure	Self stand	Detachable magnet	Self stand	Mount bracket	Self stand	Mount bracket	Self stand
Protection rating	IP54	IP54	IP44	IP44	IP44	IP44	IP44
Certificates	CE	CE	-	-	-	-	-
Customization	Wall mount	AC type	2 tones buzzer, High brightness (S150UHS)	2 tones buzzer, High brightness (S150UHS-FT)	High brightness (S150RHS)	High brightness (S150RHS-FT)	2 tones buzzer, Mount hole PCD 120mm

Product Specification for Warning/ Signal Lights & Sounders



Model number	S60AD	QWTD	QAD80H	QAD80BZ	QAD100H	QAD100BZ
Voltage	DC12V, DC24V AC110V, AC220V	AC/DC12V, AC/DC24V AC110V-220V	DC12V-24V	DC12V, DC24V	DC12V-24V AC110V-220V	DC12V, DC24V AC110V-220V
Dimension (mm)						
Diameter	Ø70	Ø70	Ø83	Ø83	Ø97	Ø97
Height	233	154-318	198	198	215	218
Depth	86	76	93	93	109	109
Material	Lens-AS Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS
Lamp & Operation						
Bulb Steady/Flashing	•					
Bulb Revolving						
LED Revolving						
LED Steady/Flashing	•	•	•	•	•	•
LED Strobe						
LED Simulated revolving						
Xenon lamp strobe	•					
Sound & Volume						
High Buzzer	Max 100dB at 1m			Max 105dB at 1m		Max 105dB at 1m
5 Signal sounds		Max 85dB at 1m				
Voice						
30 signal sounds			Max 100dB at 1m		Max 100dB at 1m	
31 signal sounds						
MP3					Max 95dB at 1m	
Mounting structure	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount
IP	IP54	IP54	IP65	IP65	IP65	IP65
Certificates	CE	CE	CE	CE, UL	CE	CE, UL
Customization	Strong buzzer	2 tones buzzer, Color combinations except for standard	-	-	-	-
transistor	-	NPN Type	NPN Type	-	NPN Type	-



Model number(Series)	QWCD35	QWCD50	QWCD35T	QWCD50T
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V
Dimension (mm)				
Diameter	136×179	168×222	136×179	229×222
Height				-
Depth	126	163	126	163
Materials	Horn-PC Housing-PC+ABS	Horn-PC Housing-PC+ABS	Horn-PC Housing-PC+ABS	Horn-PC Housing-PC+ABS
Light source & Operation				
Bulb Steady/Flashing				
Bulb Revolving				
LED Revolving				
LED Steady/Flashing				
LED Strobe	•	•	•	•
LED Simulated revolving				
Xenon Strobe				
Sound pattern / dB				
Hi buzzer				
15 signal sounds				
Voice signal				
30 signal sounds				
31 signal sounds	Max 115dB at 1m	Max 123dB at 1m	Max 115dB at 1m	Max 123dB at 1m
MP3	Max 113dB at 1m	Max 118dB at 1m	Max 113dB at 1m	Max 118dB at 1m
Mounting structure	Wall Mount	Wall Mount	Wall Mount	Wall mount
Cable entry	Ø21	Ø21	Ø21	Ø21
Protection rating	IP66	IP66	IP66	IP66
Certificates	CE, UL, CCS	CE, UL	CE	CE
Customization	External signal sound line	External signal sound line	External signal sound line	External signal sound line
Transistor	NPN Type	NPN Type	NPN Type	NPN Type

Product Specification for Warning/ Signal Lights & Sounders



Model number	QAD125H	QAD125BZ	SJD	STD
Voltage	DC12V-24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)				
Diameter	Ø116	Ø116	95×95(Cubic)	Ø80(Globe) Ø119(Body)
Height	244	244	274-466	232-512
Depth	132	132	-	-
Material	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Lamp & Operation				
Bulb Steady/Flashing			•	•
Bulb Revolving				
LED Revolving				
LED Steady/Flashing	•	•	•	•
LED Strobe				
LED Simulated revolving				
Xenon lamp strobe			•	
High Buzzer		Max 105dB at 1m		
5 Signal sounds			Max 90dB at 1m	Max 105dB at 1m
Voice			Max 80dB at 1m	Max 95dB at 1m
30 signal sounds	Max 115dB at 1m			
31 signal sounds				
MP3	Max 100dB at 1m			
Mounting structure	Wall mount	Wall mount	Self stand	Self stand
IP	IP65	IP65	IP23	IP54
Certificates	CE	CE, UL	-	CE
Customization	-	-	Lens color expect for standard	Customized lens height
transistor	NPN Type	-	NPN Type	NPN Type



Model number	S100D	S125D	STNDL	STND100	STND125
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V
Dimension (mm)					
Diameter	Ø101(Globe) Ø119(Body)	Ø115(Globe) Ø119(Body)	Ø80(Globe) Ø119(Body)	Ø101(Globe) Ø119(Body)	Ø115(Globe) Ø119(Body)
Height	226	215	267-547	261	250
Depth	-	-	-	-	-
Material	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Lamp & Operation					
Bulb Steady/Flashing	•	•	•	•	•
Bulb Revolving					
LED Revolving	•	•			
LED Steady/Flashing	•	•	•	•	•
LED Strobe					
LED Simulated revolving					
Xenon lamp strobe	•	•			
High Buzzer					
5 Signal sounds	Max 105dB at 1m	Max 105dB at 1m			
Voice	Max 95dB at 1m	Max 95dB at 1m			
30 signal sounds			Max 105dB at 1m	Max 105dB at 1m	Max 105dB at 1m
31 signal sounds					
MP3			Max 98dB at 1m	Max 98dB at 1m	Max 98dB at 1m
Mounting structure	Self stand	Self stand	Self stand	Self stand	Self stand
IP	IP54	IP54	IP54	IP54	IP54
Certificates	CE	CE	CE	CE	CE, UL
Customization	-	-	Customized lens height	-	-
transistor	NPN Type	NPN Type	NPN Type	NPN Type	NPN Type

Product Specification for Vessel & Heavy-Duty Equipment/ Industrial Applications



Model number(Series)	QA70HLS	QA100HLS	QA115HLS	QA115HLSP	QA125HLS	QA125HLSP
Voltage	DC12V-24V	DC12V-24V	DC12V-24V	DC12V-24V	DC12V-24V	DC12V-24V
Diameter	Ø72	Ø101	Ø107(Lens) Ø150(Housing)	Ø117	Ø123	Ø123
Height	108	113	112	291	158	330
Depth						
Materials	Lens-PC Housing-ABS+GF	Lens-PC Housing-ABS	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC
Light source & Operation	Bulb Steady/Flashing					
	Bulb Revolving					
	LED Steady/Flashing					
	LED Strobe	•	•	•	•	•
	LED Simulated revolving					
	Xenon Strobe					
Mounting structure	Self stand	Self stand	Self stand	Pole mount	Self stand	Pole mount
Cable entry						
Protection rating	IP66	IP66	IP66	IP66	IP66	IP66
Certificates	-	CE	CE, E11	CE, E11	-	-



Model number(Series)	QA115LSE	QA140HLSP	SH1	SH1P	SH1T	SH1TP
Voltage	DC12V-24V	DC12V, DC24V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Diameter	Ø107(Lens) Ø150(Housing)	Ø140	Ø119(Lens)	Ø135(Cage)	Ø119(Lens)	Ø135(Cage)
Height	112	325	168	178	168	178
Depth		-	-	-	234(Length)	234(Length)
Materials	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al
Light source & Operation	Bulb Steady/Flashing		•	•	•	•
	Bulb Revolving		•	•	•	•
	LED Steady/Flashing		•	•	•	•
	LED Strobe	•				
	LED Simulated revolving	•				
	Xenon Strobe		•	•	•	•
Mounting structure	Self stand	Pole mount	Self stand	Self stand	Self stand	Self stand
Cable entry		-	1/2"PF	1/2"PF	1/2"PF	1/2"PF
Protection rating	IP66	IP66	IP66	IP66	IP66	IP66
Certificates	CE	CE, E11	KIMM, ABS, CCS, CE	KIMM, ABS, CCS, CE	CE	CE
Customization	-	-	Built-in cable gland, Cable entry : 3/4"PF	Built-in cable gland, Cable entry : 3/4"PF	Built-in cable gland, 2 ways terminal box, cable entry : 3/4"PF	Built-in cable gland, 2 ways terminal box, cable entry : 3/4"PF

Product Specification for Vessel & Heavy-Duty Equipment/ Industrial Applications



Model number(Series)	SH2	SH2P	SH2T	SH2TP	SSLW	SSLM
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Diameter	Ø138(Lens)	Ø158(Cage)	Ø138(Lens)	Ø158(Cage)	Ø93	Ø93
Height	198	212	198	212	180-615	180-615
Depth	-	-	250(Length)	250(Length)	43	43
Materials	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al
Light source & Operation	Bulb Steady/Flashing					
	Bulb Revolving	•	•	•		
	LED Revolving	•	•	•		
	LED Steady/Flashing	•	•	•	•(Steady)	•(Steady)
	LED Strobe					
	LED Simulated revolving					
	Xenon Strobe	•	•	•		
Mounting structure	Self stand	Self stand	Self stand	Self stand	Wall mount	Wall mount
Cable entry	1/2"PF	1/2"PF	1/2"PF	1/2"PF	M12-5PIN connector	M12-5PIN connector
Protection rating	IP66	IP66	IP66	IP66	IP68	IP68
Certificates	ABS, CE	ABS, CE	CE	CE	KIMM	KIMM
Customization	Built-in cable gland, Cable entry : 3/4"PF, Brass housing	Built-in cable gland, Cable entry : 3/4"PF, Brass housing	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, Brass housing	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, Brass housing	C10 cable	C10 cable



Model number(Series)	SED	SEDP	SD	SDP	SMD	SMDP
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Diameter	Ø119(Lens)	Ø135(Cage)	Ø138(Lens)	Ø158(Cage)	Ø138(Lens)	Ø158(Cage)
Height	380	390	410	424	462	476
Depth	175	175	175	175	210	210
Materials	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al
Light source & Operation	Bulb Steady/Flashing					
	Bulb Revolving	•	•	•	•	•
	LED Revolving	•	•	•	•	•
	LED Steady/Flashing	•	•	•	•	•
	LED Strobe					
	LED Simulated revolving					
	Xenon Strobe	•	•	•	•	•
	Hi buzzer					
Sound pattern / dB	15 signal sounds	Max 118dB at 1m	Max 118dB at 1m	Max 118dB at 1m	Max 120dB at 1m	Max 120dB at 1m
	Voice signal	Max 113dB at 1m	Max 113dB at 1m	Max 113dB at 1m	Max 115dB at 1m	Max 115dB at 1m
	30 signal sounds					
	31 signal sounds MP3					
Mounting structure	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount
Cable entry	1/2"PF	1/2"PF	1/2"PF	1/2"PF	1/2"PF	1/2"PF
Protection rating	IP66	IP66	IP66	IP66	IP66	IP66
Certificates	CE, KR, CCS, ABS	CE, KR, CCS, ABS	CE, KR, LR, ABS	CE, KR, LR, ABS	-	-
Customization	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line, Brass housing
Transistor	NPN type	NPN type	NPN type	NPN type	NPN type	NPN type

Product Specification for Vessel & Heavy-Duty Equipment/ Industrial Applications



Model number(Series)	SCDF	SCDW	SHD	SHDP	SHD2	SHD2P
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)						
Diameter	Ø140(Cage)	Ø140(Cage)	Ø119(Lens)	Ø135(Cage)	Ø119(Lens)	Ø135(Cage)
Height	322	313	227	237	227	237
Depth	167(Length)	177	255(Length)	255(Length)	343(Length)	343(Length)
Materials	Lens-PC Housing-PC+GF	Lens-PC Housing-PC+GF	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al	Lens-PC Housing-Al
Light source & Operation						
Bulb Steady/Flashing						
Bulb Revolving	•	•	•	•	•	•
LED Revolving	•	•	•	•	•	•
LED Steady/Flashing	•	•	•	•	•	•
LED Strobe						
LED Simulated revolving						
Xenon Strobe	•	•	•	•	•	•
Hi buzzer						
Sound pattern / dB						
15 signal sounds	Max 118dB at 1m	Max 118dB at 1m	Max 118dB at 1m	Max 118dB at 1m	Max 118dB×2 at 1m	Max 118dB×2 at 1m
Voice signal	Max 113dB at 1m	Max 113dB at 1m	Max 113dB at 1m	Max 113dB at 1m	Max 113dB×2 at 1m	Max 113dB×2 at 1m
30 signal sounds						
31 signal sounds						
MP3						
Mounting structure	Self Stand	Wall mount	Self Stand	Self Stand	Self Stand	Self Stand
Cable entry	1/2"PF	1/2"PF	1/2"PF	1/2"PF	1/2"PF	1/2"PF
Protection rating	IP66	IP66	IP66	IP66	IP66	IP66
Certificates	KR, CE, CCS	KR, CE, CCS	ABS, CE, CCS	ABS, CE, CCS	ABS	ABS
Customization	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line, Brass housing
Transistor	NPN Type	NPN Type	NPN Type	NPN Type	NPN Type	NPN Type



Model number(Series)	QWCD35	QWCD50	QWCD35T	QWCD50T
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V
Dimension (mm)				
Diameter	136×179	168×222	190×179	222×222
Height				
Depth	126	163	126	163
Materials	Horn-PC Housing-PC+ABS	Horn-PC Housing-PC+ABS	Horn-PC Housing-PC+ABS	Horn-PC Housing-PC+ABS
Light source & Operation				
Bulb Steady/Flashing				
Bulb Revolving				
LED Revolving				
LED Steady/Flashing				
LED Strobe	•	•	•	•
LED Simulated revolving				
Xenon Strobe				
Hi buzzer				
Sound pattern / dB				
15 signal sounds				
Voice signal				
30 signal sounds				
31 signal sounds	Max 115dB at 1m	Max 123dB at 1m	Max 115dB at 1m	Max 123dB at 1m
MP3	Max 113dB at 1m	Max 118dB at 1m	Max 113dB at 1m	Max 118dB at 1m
Mounting structure	Wall Mount	Wall Mount	Wall Mount	Wall mount
Cable entry	Ø21	Ø21	Ø21	Ø21
Protection rating	IP66	IP66	IP66	IP66
Certificates	CE, UL, CCS	CE, UL	CE	CE
Customization	External signal sound line	External signal sound line	External signal sound line	External signal sound line
Transistor	NPN Type	NPN Type	NPN Type	NPN Type

Product Specification for Vessel & Heavy-Duty Equipment/ Industrial Applications



Model number(Series)	QWH35	QWH50	QWH35T	QWH50T		
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V		
Dimension (mm)	Diameter	136×179	168×222	190×179	222×222	
	Height					
	Depth	126	163	126	163	
Sound pattern / dB	Materials	Horn-PC Housing-PC +ABS	Horn-PC Housing-PC +ABS	Horn-PC Housing-PC +ABS	Horn-PC Housing-PC +ABS	
	15 signal sounds					
	Voice signal					
/ dB	30 signal sounds					
	31 signal sounds	Max. 115dB at 1m	Max. 123dB at 1m	Max. 115dB at 1m	Max. 123dB at 1m	
	MP3	Max. 113dB at 1m	Max. 118dB at 1m	Max. 113dB at 1m	Max. 118dB at 1m	
Mounting structure	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount	
	Cable entry	Ø21	Ø21X2	Ø21X2	Ø21X2	
	Protection rating	IP66	IP66	IP66	IP66	
Certificates	CE, UL	CE, UL	CE	CE		
	Transistor	NPN형	NPN형	NPN형	NPN형	



Model number(Series)	SN	SEHN25	SEHN50	SEWN30E		
Voltage	DC12V-24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V		
Dimension (mm)	Diameter	Ø119(Horn)	Ø158(Horn)	Ø167(Horn)	Ø120(Horn)	
	Height					
	Depth	167(Length)	238(Length)	242(Length)	175	
Sound pattern / dB	Materials	Housing-Steel	Housing-Steel	Housing-Steel	Housing-Al Horn Housing-PC	
	15 signal sounds	Max. 105dB at 1m	Max. 115dB at 1m	Max. 120dB at 1m	Max. 118dB at 1m	
	Voice signal	Max. 95dB at 1m	Max. 108dB at 1m	Max. 115dB at 1m	Max. 113dB at 1m	
/ dB	30 signal sounds					
	31 signal sounds					
	MP3					
Mounting structure	Self stand	Self stand	Self stand	Wall mount		
	Cable entry	Ø10	Ø21	1/2" PF		
	Protection rating	IP55	IP55	IP55	IP56	
Certificates	CE	KIMM	KIMM	ABS, CCS, CE		
	Customization	External signal sound line	External signal sound line	External signal sound line	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line, Brass housing	
Transistor	NPN type	NPN type	NPN type	NPN type	NPN type	



Model number(Series)	SEWN30L	SEWN30T	SEWN50E	SEWN50L	SEWN50T	SHDN30
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø120(Horn)	Ø120(Horn)	Ø172(Horn)	Ø172(Horn)	Ø120(Horn)
	Height	-	223	-	272	134
	Depth	170(Length)	175	208	203(Length)	335(Length)
Sound pattern / dB	Materials	Housing-Al Horn Housing-PC	Housing-Al Horn Housing-PC	Housing-Al Horn Housing-STS316L	Housing-Al Horn Housing-STS316L	Housing-Al Horn Housing-PC
	15 signal sounds	Max. 118dB at 1m	Max. 118dB at 1m	Max. 120dB at 1m	Max. 120dB at 1m	Max. 118dB at 1m×2
	Voice signal	Max. 113dB at 1m	Max. 113dB at 1m	Max. 115dB at 1m	Max. 115dB at 1m	Max. 113dB at 1m×2
/ dB	30 signal sounds					
	31 signal sounds					
	MP3					
Mounting structure	Self stand	Wall mount	Wall mount	Self stand	Wall mount	Self stand
	Cable entry	1/2" PF	1/2" PF	1/2" PF	1/2" PF	1/2" PF
	Protection rating	IP56	IP56	IP56	IP56	IP56
Certificates	CE	CE	CE, ABS	CE	CE	-
	Customization	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, Cable entry : 3/4"PF, External signal sound line, Brass housing	Built-in cable gland, 2 ways terminal box, Cable entry : 3/4"PF, External signal sound line, Brass housing	External signal sound line, Cable entry : 3/4"PF
Transistor	NPN Type	NPN Type	NPN Type	NPN Type	NPN Type	NPN Type

Product Specification for Vessel & Heavy-Duty Equipment/ Industrial Applications



Model number(Series)	SC1	SC2	SC3		
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V		
Dimension (mm)	Diameter	150(Width)	174(Width)	244(Width)	
	Height	287	312	381	
	Depth	200	232	292	
Materials	Lens-AS	Lens-AS	Lens-PC		
	Housing-ABS	Housing-ABS	Housing-Al		
	Bulb Steady/Flashing	•	•	•	
	Bulb Revolving	•	•	•	
	LED Revolving	•	•	•	
	LED Steady/Flashing	•	•	•	
	LED Strobe	•	•	•	
Light source & Operation	LED Simulated revolving	•	•	•	
	Xenon Strobe	•	•	•	
	Hi buzzer				
Sound pattern / dB	15 signal sounds	Max. 108dB at 1m	Max. 115dB at 1m	Max. 120dB at 1m	
	Voice signal	Max. 98dB at 1m	Max. 108dB at 1m	Max. 115dB at 1m	
	30 signal sounds				
	31 signal sounds				
	MP3				
Mounting structure	Wall mount	Wall mount	Wall mount		
Cable entry	-	-	1/2" PF		
Protection rating	IP44	IP44	IP56		
Certificates					



Model number(Series)	SM30	SM40	SM200	SM400	SAB130	SAB200
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø77	Ø128	Ø143	Ø165	Ø130(Bell) Ø200(Bell)
	Height	-	-	-	-	238 269
	Depth	82(Length)	162(Length)	231(Length)	284(Length)	107
Materials	Housing-Steel	Housing-ABS	Housing-Steel	Housing-Steel	Bell-Steel Housing-ABS	Bell-Steel Housing-ABS
Volume	Max 110dB at 1m	Max 116dB at 1m	Max 120dB at 1m	Max 123dB at 1m	Max 95dB at 1m	Max 95dB at 1m
Mounting structure	Self stand	Self stand	Self stand	Self stand	Wall mount	Wall mount
Cable entry	Ø22	Ø22	Ø9	Ø22	Ø26	Ø26
Protection rating	IP44	IP44	IP44	IP44	IP56	IP56
Certificates	-	-	CE	-	CE	CE
Customization	-	-	-	-	2 ways cable entries	2 ways cable entries



Model number(Series)	SANA200	SANA400	SANA700	QEB	
Voltage	DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V	
Dimension (mm)	Diameter	Ø146(Horn)	Ø110(Horn)	Ø101(Horn)	120×120
	Height	222	222	222	-
	Depth	333	193	144	119
Materials	Horn-PC Solenoid Box-ABS	Horn-PC Solenoid Box-ABS	Horn-PC Solenoid Box-ABS	Housing, Cover-Al	
Volume	Max 130dB at 1m	Max 130dB at 1m	Max 130dB at 1m	-	
Mounting structure	Wall mount	Wall mount	Wall mount	Wall mount	
Cable entry	20C, 10C nipple(Air)	20C, 10C nipple(Air)	20C, 10C nipple(Air)	1/2"NPT, 10C nipple(Air)	
Protection rating	IP56	IP56	IP56	IP66	
Certificates	KIMM	KIMM	KIMM	KIMM	
Customization	Separate design between horn and solenoid box, Non return valve, Built-in Y filter	Separate design between horn and solenoid box, Non return valve, Built-in Y filter	Separate design between horn and solenoid box, Non return valve, Built-in Y filter	Built-in Ex-Proof cable gland, 2 ways entries, Cable entry : 3/4"NPT	

Product Specification for Explosion Proof Type



Model number(series)	ST45ML-Ex	QTEX	SSEL	QEAL1	
Voltage	AC/DC12V AC/DC24V	AC/DC12V, AC/DC24V, AC110V-220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V-220V	
Diameter	Ø45	Ø144	154×154	Ø152(Cage)	
Dimension (mm)					
Height	114-278	472(Self stand) 457(Wall mount)	100	238	
Depth	-	155(Wall mount)	172(Length)	183(Length)	
Materials	Lens-PC Housing-PC	Lens-Tempered glass Housing-Al	Lens-Tempered glass Housing-Al	Lens-Tempered glass Housing-Al	
Light source & Operation					
Bulb Steady/Flashing					
Bulb Revolving					
LED Steady/Flashing	•(Steady)	•	•(Steady)	•(Steady)	
LED Strobe					
LED Simulated revolving					
Xenon Strobe					
Mounting structure	Self stand	Self stand, Wall mount	Self stand	Self stand	
Cable entry	-	3/4" NPT	1/2" NPT	1/2" NPT	
Protection rating	IP54	IP66	IP66	IP66	
Usage area	ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	
Certificates	KCs	IECEX, ATEX, KCs	KIMM, ABS	-	
Explosion proof rating	Ex nR IIT4, Ex nR IIT6 (Layer 2, 3 Only)	Ex d IIC T6 Gb(IECEX) EX II2G Ex db IIC T6 Gb(ATEX)	Ex d IIC T6 (KIMM)	Ex d IIC T4 (KIMM)	
Customization	-	Explosion proof cable gland, 2 ways cable entry, Cable entry	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5, M25x1.5	Explosion proof cable gland, 2 ways cable entry, M20x1.5	
Transistors	NPN/ PNP Type	PNP Type	-		



Model number(series)	STB45ML-Ex	QTEXB	SPNA	SBE130	SBE150
Voltage	AC/DC12V AC/DC24V	AC/DC12V, AC/DC24V AC110V-220V	DC12V, DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V
Diameter	Ø45	Ø144	Ø134(Horn)	Ø120(Bell)	Ø150(Bell)
Dimension (mm)					
Height	153-317	472(Self stand) 457(Wall mount)	158	120	120
Depth	-	155(Wall mount)	327(Length)	138(Length)	138(Length)
Materials	Lens-PC Housing-PC	Lens-Tempered glass Housing-Al	Horn-STS316L Housing-Al	Bell-Al Housing-Al	Bell-Al Housing-Al
Light source & Operation					
Bulb Steady/Flashing					
Bulb Revolving					
LED Steady/Flashing	•(Steady)	•			
LED Strobe					
LED Simulated revolving					
Xenon Strobe					
Sound Pattern / dB					
1 tone Buzzer	Max 80dB at 1m	Max 102dB at 1m			
15 signal sounds			Max 118dB at 1m	Max. 95dB at 1m	Max. 95dB at 1m
Bell					
Voice signal			Max 113dB at 1m		
30 signal sounds					
31 signal sounds					
MP3					
Mounting structure	Self stand	Self stand, Wall mount	Self stand	Self stand	Self stand
Cable entry	-	3/4" NPT	1/2" NPT	1/2" NPT	1/2" NPT
Protection rating	IP54	IP66	IP66	IP56	IP56
Usage area	ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2
Certificate	KCs	IECEX, ATEX, KCs, TIIS	IECEX, ATEX, NEPSI, KIMM, KOSHA, ABS, CCS, KR	KIMM	KIMM
Explosion proof rating	Ex nR IIT4, Ex nR IIT6 (Layer 2, 3 Only)	Ex db IIC T6 Gb (IECEX)	Ex d IIC T6 Gb (IECEX)	Ex d IIC T6 (KIMM)	Ex d IIC T6 Gb (IECEX)
Customization	-	Explosion proof cable gland, 2 ways cable entry, Cable entry	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5, M25x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5, M25x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5, M25x1.5
Transistors	NPN/ PNP Type	PNP Type	NPN Type		

Product Specification for Explosion Proof Type



Model number(series)	QNE	QNE-SUS	SNE	SE	SEA
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Diameter	Ø98(Cage)	Ø98(Cage)	Ø152(Cage)	Ø155(Cage)	Ø167(Cage)
Dimension (mm)					
Height	172	172	226	267	287
Depth	131(Length)	131(Length)	183(Length)	189(Length)	172(Length)
Materials	Lens-Tempered glass Housing-Al	Lens-Tempered glass Housing-STS304	Lens-Tempered glass Housing-Al	Lens-Tempered glass Housing-Brass	Lens-Tempered glass Housing-Al
Light source & Operation	Bulb Steady/Flashing				
	Bulb Revolving		•	•	•
	LED Revolving		•	•	•
	LED Steady/Flashing	•	•	•	•
	LED Strobe	•	•	•	•
Xenon Strobe	LED Simulated revolving	•	•	•	•
			•	•	•
Mounting structure	Self stand	Self stand	Self stand	Self stand	Self stand
Cable entry	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT
Protection rating	IP66	IP66	IP66	IP66	IP66
Usage area	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2
Certificates	IECEX, ATEX, KCs	IECEX, ATEX, KCs	IECEX, ATEX, NEPSI, KCs, CCS, CCC(F), TIIS	KIMM, ABS	IECEX, ATEX, NEPSI, KCs, ABS, CCS, KR
Explosion proof rating	Ex db IIC T6/ T5 Gb (ATEX, IECEX) Ex d IIC T6/ T5(KCs)	Ex db IIC T6/ T5 Gb (ATEX, IECEX) Ex d IIC T6/ T5(KCs)	Ex d IIC T6 Gb (IECEX)	Ex d IIC T6 (KIMM)	Ex d IIC T6 Gb (IECEX)
Customization	Explosion proof cable gland, 2 ways cable entry, Cable entry : M20x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : M20x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : M20x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5, M25x1.5



Model number(series)	QNES	QNES-SUS	SNES	SESA	SEBA
Voltage	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Diameter	Ø98(Cage)	Ø98(Cage)	Ø152(Cage)	Ø167(Cage)	Ø167(Cage)
Dimension (mm)					
Height	225	225	226	333	333
Depth	130(Length)	130(Length)	183(Length)	327(Length)	240(Length)
Materials	Lens-Tempered glass Housing-Al	Lens-Tempered glass Housing-STS304	Lens-Tempered glass Housing-Al	Lens-Tempered glass Housing-Al	Lens-Tempered glass Housing-Al
Light source & Operation	Bulb Steady/Flashing				
	Bulb Revolving		•	•	•
	LED Revolving		•	•	•
	LED Steady/Flashing	•	•	•	•
	LED Strobe	•	•	•	•
Xenon Strobe	LED Simulated revolving	•	•	•	•
			•	•	•
Sound Pattern / dB	1 tone Buzzer		Max 105dB at 1m		
	15 signal sounds	Max. 110dB at 1m	Max. 110dB at 1m	Max 118dB at 1m	Max 95dB at 1m
	Bell				
	Voice signal			Max 113dB at 1m	
30 signal sounds					
	31 signal sounds				
MP3					
Mounting structure	Self stand	Self stand	Self stand	Self stand	Self stand
Cable entry	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT
Protection rating	IP66	IP66	IP66	IP66	IP55
Usage area	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2	ZONE 1, ZONE 2
Certificate	IECEX, ATEX, KCs	IECEX, ATEX, KCs	IECEX, ATEX, NEPSI, KCs, CCS, CCC(F), TIIS	IECEX, ATEX, NEPSI, KCs, ABS, CCS, KR, CCC(F)	KIMM, ABS, KR
Explosion proof rating	Ex db IIC T6/ T5 Gb (ATEX, IECEX) Ex d IIC T6/ T5(KCs)	Ex db IIC T6/ T5 Gb (ATEX, IECEX) Ex d IIC T6/ T5(KCs)	Ex d IIC T6 Gb (IECEX)	Ex d IIC T6 Gb (IECEX)	Ex d IIC T6 (KIMM)
Customization	Explosion proof cable gland, 2 ways cable entry, Cable entry : M20x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : M20x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : M20x1.5, 7 tones Buzzer	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5, M25x1.5	Explosion proof cable gland, 2 ways cable entry, Cable entry : ¾" NPT, M20x1.5, M25x1.5
Transistors			-	NPN Type	-

Product Specification for Explosion Proof Type



Model number(series)	QMFL-300-Ex-24	QLEX-350	QLEX-SLM-250	QLEX-SLM-250(PL)
Voltage	DC24V	DC24V	DC24V	DC24V
Power consumption	10W	8.6W	8.8W	8.8W
Dimension (mm)	Length	290	350	250
	Width	38	90	90
	Height	64	88.4	70
Materials	Lens-Tempered glass Housing-Al	Side cover : Al, Lens : PC, Side cover out : NBR, Bracket : Al	Side cover : Al, Lens : PC, Bracket : Al	Side cover : Al, Lens : PC, Bracket : Al
Lens color	Translucent	Transparent/ Translucent	Transparent/ Translucent	Transparent/ Translucent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	260Lux	250Lux	260Lux	260Lux
Mounting structure	Mount bracket	Mount bracket	Mount bracket	Mount bracket
Protection rating	IP67/ IP69K	IP66/ IP67	IP66/ IP67	IP66/ IP67
Certificate	KCs, NEPSI	KCs, NEPSI	CE, KCs, NEPSI, S-Mark	CE, KCs, NEPSI, S-Mark
Explosion proof rating	Ex nR II T6, Ex nR II C T6 Gc	Ex d IIC T6, Ex d IIC T6 Gb	Ex d IIC T6, Ex d IIC T6 Gb	Ex d IIC T6, Ex d IIC T6 Gb

Product Specification for LED Light Bars



Model number(series)	QLV	QLV-SET	ELM	ELM-SOL	SAMP
Voltage	DC12V	DC12V	DC12V, DC24V	DC12V (Battery Voltage)	DC12V, DC24V
Diameter	300×64	30×84	280×136	1148(Width)	175(Width)
Height	129	129	161	685	73
Depth	885-1250(Length)	885-1250(Length)	588-1708(Length)	484	165
Materials	Lens-PC Cover, Board-Al	QLV-PC Other SAMP-100-Steel SM-100ND-Steel	Lens, Housing-PC Board-Al	Lens, Housing-PC Board-Al	Housing-Al
Light source & Operation	Bulb Steady/Flashing				
	Bulb Revolving				
	LED Revolving				
	LED Steady/Flashing				
	LED Strobe	•	•	•	
	LED Simulated revolving				
	Xenon Strobe		•		
Sound & Volume	-	Max. 135dB at 1m	Max. 126dB at 1m	-	-
Mounting structure	Direct mount	Direct mount	Direct mount	Direct mount	Bracket mounting type
Cable entry					
Protection rating	IP56	IP56	IP55	IP56	-



Model number(series)	SAMP-100	SM-100ND
Voltage	DC12V	DC12V
Diameter	175(Width)	Ø122
Height	73	-
Depth	165	118(Length)
Materials	Housing-Al	Housing-Steel
Light source & Operation	Bulb Steady/Flashing	
	Bulb Revolving	
	LED Revolving	
	LED Steady/Flashing	
	LED Strobe	
	LED Simulated revolving	
	Xenon Strobe	
Sound & Volume	-	Max. 135dB at 1m
Mounting structure	Bracket mounting type	

Product Specification for Aviation Obstruction Lights



Model number(series)	SAOL1	QAOL1	SAOL2	SAOL3
Voltage	DC12V, DC24V AC110V-220V	DC12V, DC24V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V
Dimension (mm)				
Diameter	Ø115	Ø117	Ø139	Ø157
Height	275	267	185(SAOL2) 273(SAOL2P)	215(SAOL3) 303(SAOL3P)
Depth	-	-	-	-
Materials	Lens, Housing-PC Bracket-Al	Lens, Housing-PC Bracket-Al	Lens-PC, Housing-Al Bracket-Al	Lens-PC, Housing-Al Bracket-Al
Light source & Operation				
Bulb Steady/Flashing				
Bulb Revolving				
LED Steady/Flashing	●(Steady)	●(Flashing)	●(Steady)	●(Steady)
LED Strobe				
LED Simulated revolving				
Xenon Strobe				
Mount type	Self stand	Self stand	Self stand	Self stand
Cable entry	-	-	-	-
Protection rating	IP56	IP56	IP66	IP66
Certificate	ICAO, CE	CE	ICAO, CE	ICAO, CE
Customization	Built-in SUN switch	-	Cable entry - 1/2"PF, Built-in SUN switch	Cable entry - 1/2"PF, Built-in SUN switch



Model number(series)	QEAL1
Voltage	DC12V, DC24V AC110V-220V
Dimension (mm)	
Diameter	Ø152(Cage)
Height	238
Depth	183(Length)
Materials	Lens-Tempered glass Housing-Al
Light source & Operation	
Bulb Steady/Flashing	
Bulb Revolving	
LED Steady/Flashing	●(Steady)
LED Strobe	
LED Simulated revolving	
Xenon Strobe	
Mount type	Self stand
Cable entry	1/2" NPT
Protection rating	IP66
Certificate	
Explosion proof rating	
Customization	Explosion proof cable gland, 2 ways cable entry, Cable entry : M20x1.5, Built-in SUN switch

Product Specification for Signal Tower Lights



Model number(series)	STA25SLM	STA35SL	STA35SLM	STA45SLM	STA45SLMP	QTA56L
Voltage	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	DC24V
Dimension (mm)	Diameter	Ø25	Ø35	Ø35	Ø45	52
	Height	368-488	85-265	205-385	198-378	398-568
	Depth					435
Materials	Lens-AS Housing-Al	Lens-AS Housing-ABS	Lens-AS Housing-Al	Lens-Acryl Inner lens-AS Housing-Al	Lens-Acryl Inner lens-AS Housing-Al	Lens-PC Housing-Al
Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	3 Layers
Light source & Operation	Bulb Steady/Flashing					
	LED Steady	•	•	•	•	•
	LED Steady/Flashing					
	LED Strobe					
Sound & Volume	LED Simulated revolving					
	1 buzzer sound			Max 90dB at 1m	Max 90dB at 1m	Max 85dB at 1m
Layer color change	No	No	No	No	No	No
Mount bracket	Direct mount	Direct mount	Direct mount	Direct mount	Pole mount	Direct mount
Bracket	STAWB25	STAWB25	STAWB25	STAWB45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	-
Protection rating	IP44	IP44	IP44	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)
Certificates	CE, UL	CE	CE	CE, UL	CE, UL	CE
Customization	Same lens color with LED, Wall mount bracket	Wall mount bracket	Wall mount bracket	Wall mount bracket	Pole length adjustment	-
Transistor	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type



Model number(series)	SWT	SWTE	QWT	ST45MB	ST45B	ST56MB	ST56B
Voltage	AC/DC12V~24V AC110V, AC220V	AC/DC12V~24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V~AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø90(Half)	Ø70	Ø45	Ø45	Ø56	Ø56
	Height	216	122-286	116-362	330-576	157-502	371-716
	Depth	46	76	-	-	-	-
Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Layers	2-3 Layers	2-3 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing			•	•	•	•
	LED Steady						
	LED Steady/Flashing	•	•				
	LED Strobe						
Sound & Volume	LED Simulated revolving						
	1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 85dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
Layer color change	No	No	Yes	Yes	Yes	Yes	Yes
Mount bracket	Wall mount	Wall mount	Wall mount	Direct mount	Pole mount	Direct mount	Pole mount
Bracket	-	-	-	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18
Protection rating	IP55	IP55	IP54	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)
Certificates	CE, UL	CE, UL	CE, UL	CE	CE	CE	CE
Customization	Color combination except for standard, 2 buzzer sounds, Transparent inner lens	Color combination except for standard, 2 buzzer sounds, Transparent inner lens	Color combination except for standard	Wall mount bracket, 2 Buzzer sounds	Pole length adjustment, 2 Buzzer sounds	Wall mount bracket, 2 buzzer sounds	Pole length adjustment, 2 buzzer sounds
Transistor	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	-	-	-	-

Product Specification for Signal Tower Lights



Model number(series)	ST80MB	ST80B	ST45ML	ST45L	ST56MEL	ST56EL
Voltage	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V
Dimension (mm)						
Diameter	Ø80	Ø80	Ø45	Ø45	Ø56	Ø56
Height	180-460	317-597	106-358	320-572	127-352	341-566
Depth	-	-	-	-	-	-
Materials	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation						
Bulb Steady/Flashing	•	•				
LED Steady						
LED Steady/Flashing			•	•	•	•
LED Strobe						
LED Simulated revolving						
Sound & Volume						
1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
5 signal sounds	-	-	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m
Layer color change	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Direct mount	Pole mount
Bracket	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18
Protection rating	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)
Certificates	-	-	CE, UL	CE, UL	CE, UL	CE, UL
Customization	Wall mount bracket, 2 buzzer sounds	Pole length adjustment, 2 buzzer sounds	2 buzzer sounds, Wall mount bracket, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Pole length adjustment, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Wall mount bracket, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Pole length adjustment, AC each layer power supplied, DC24V UL listed
Transistor	-	-	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type



Model number(series)	ST56ML	ST56L	ST80MEL	ST80EL	ST80ML	ST80L
Voltage	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V	AC/DC12V AC/DC24V AC110V, AC220V
Dimension (mm)						
Diameter	Ø56	Ø56	Ø80	Ø80	Ø80	Ø80
Height	157-502	371-716	150-310	287-447	180-460	317-597
Depth	-	-	-	-	-	-
Materials	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation						
Bulb Steady/Flashing	•	•	•	•	•	•
LED Steady						
LED Steady/Flashing						
LED Strobe						
LED Simulated revolving						
Sound & Volume						
1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
5 signal sounds	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m
Layer color change	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Direct mount	Pole mount
Bracket	TWS45, TWA45	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24
Protection rating	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)
Certificates	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL
Customization	2 buzzer sounds, Wall mount bracket, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Pole length adjustment, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Wall mount bracket, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Pole length adjustment, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Wall mount bracket, AC each layer power supplied, DC24V UL listed	2 buzzer sounds, Pole length adjustment, AC each layer power supplied, DC24V UL listed
Transistor	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type

Product Specification for Signal Tower Lights

Multiple Color LED Signal Tower Lights



Model number(series)	STC45ML	STC45L	STC56ML	STC56L	QT56MCL
Voltage	AC/DC12V, AC/DC24V AC110V, AC220V	AC/DC12V, AC/DC24V AC110V, AC220V	AC/DC12V, AC/DC24V AC110V, AC220V	AC/DC12V, AC/DC24V AC110V, AC220V	DC24V
Dimension (mm)	Diameter	Ø45	Ø45	Ø56	Ø45
	Height	106-198	320-412	157-287	371-501
	Depth				276
Materials	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-PC Housing-AI
Layers	2-3 Colors	2-3 Colors	2-3 Colors	2-3 Colors	7 Colors
Light source & Operation	Bulb Steady/Flashing				
	LED Steady				•
	LED Steady/Flashing	•	•	•	
	LED Strobe				
Sound & Volume	LED Simulated revolving				
	1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
	5 signal sounds				
Layer color change					
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Pole mount
Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	-
Protection rating	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)	IP23(Buzzer type), IP44(Standard)
Certificates	CE	CE	CE	CE	CE
Customization	2 buzzer sounds, Wall mount bracket	2 buzzer sounds, Pole length adjustment	2 Buzzer sounds, Lens length 40mm, Wall mount Bracket	2 Buzzer sounds, Lens length 40mm, Pole length adjustment	-
Transistor	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type



Model number(series)	STG40ML	STG40L	STG50ML	STG50L	MWTL
Voltage	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	DC24V
Dimension (mm)	Diameter	Ø40	Ø40	Ø50	Ø90(Half)
	Height	111-339	339-567	106-314	334-542
	Depth				216
Materials	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-PC Housing-ABS
Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	4-4 Layers
Light source & Operation	Bulb Steady/Flashing				
	LED Steady				•
	LED Steady/Flashing	•	•	•	
	LED Strobe				
Sound & Volume	LED Simulated revolving				
	1 buzzer sound	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max. 90dB at 1m
	5 signal sounds				
Layer color change	Yes	Yes	Yes	Yes	No
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Wall mount
Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	-
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP55
Certificates	CE, UL	CE, UL	CE, UL	CE, UL	CE
Customization	Wall mount bracket, 2 buzzer sounds	2 buzzer sounds, Pole length adjustment	Wall mount bracket, 2 buzzer sounds	2 buzzer sounds, Pole length adjustment	2 buzzer sounds, Transparent filter lens
Transistor	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type

Product Specification for Signal Tower Lights



Model number(series)	QTG50ML	QTG50L	QTG60ML	QTG60L	QTG70ML	QTG70L
Voltage	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V
Dimension (mm)						
Diameter	Ø50	Ø50	Ø60	Ø60	Ø70	Ø70
Height	116-364	344-592	126-399	352-635	126-399	274-557
Depth						
Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS
Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing					
	LED Steady					
	LED Steady/Flashing	•	•	•	•	•
	LED Strobe					
Sound & Volume	LED Simulated revolving					
	1 buzzer sound	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m
	5 signal sounds					
Layer color change	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Direct mount	Pole mount
Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)
Certificates	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL
Customization	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing
Transistor	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type



Model number(series)	QTC50ML	QTC50L	QTC60ML	QTC60L	QTC70ML	QTC70L
Voltage	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V
Dimension (mm)						
Diameter	Ø50	Ø50	Ø60	Ø60	Ø70	Ø70
Height	116-364	344-592	126-399	352-635	126-399	274-557
Depth						
Materials	Lens, Inner Lens -PC Housing-ABS	Lens, Inner Lens -PC Housing-ABS	Lens, Inner Lens -PC Housing-ABS	Lens, Inner Lens -PC Housing-ABS	Lens, Inner Lens -PC Housing-ABS	Lens, Inner Lens -PC Housing-ABS
Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing					
	LED Steady					
	LED Steady/Flashing	•	•	•	•	•
	LED Strobe					
Sound & Volume	LED Simulated revolving					
	1 buzzer sound	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m
	5 signal sounds					
Layer color change	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Direct mount	Pole mount
Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)
Certificates	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL
Customization	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing
Transistor	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type

Product Specification for Signal Tower Lights

							
Model number(series)		QTR50ML	QTR50L	QTR60ML	QTR60L	QTR70ML	QTR70L
Dimension (mm)	Voltage	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V	AC/DC12V, AC/DC24V AC110V-220V
	Diameter	Ø50	Ø50	Ø60	Ø60	Ø70	Ø70
	Height	116-364	344-592	126-399	352-635	126-399	274-557
	Depth						
Light source & Operation	Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS
	Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
	Bulb Steady/Flashing						
	LED Steady						
Sound & Volume	LED Steady/Flashing	•	•	•	•	•	•
	LED Strobe						
	LED Simulated revolving						
	1 buzzer sound	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m
Layer color change	5 signal sounds						
	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Direct mount	Pole mount
	Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24
Protection rating		IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)
Certificates		CE, UL	CE, UL	CE, UL	CE, UL	CE, UL	CE, UL
Customization		2 buzzer sounds, Wall mount bracket, Strong buzzer	2 buzzer sounds, Pole length adjustment, Strong buzzer	2 buzzer sounds, Wall mount bracket, Strong buzzer	2 buzzer sounds, Pole length adjustment, Strong buzzer	2 buzzer sounds, Wall mount bracket, Strong buzzer	2 buzzer sounds, Pole length adjustment, Strong buzzer
Transistor		NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type

						
Model number(series)		QT50ML	QT50L	QT70ML	QT70L	
Dimension (mm)	Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	
	Diameter	Ø50	Ø50	Ø70	Ø70	
	Height	83-247	297-461	98-322	237-461	
	Depth					
Light source & Operation	Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	
	Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	
	Bulb Steady/Flashing					
	LED Steady					
Sound & Volume	LED Steady/Flashing	•	•	•	•	
	LED Strobe	•	•	•	•	
	LED Simulated revolving	•	•	•	•	
	1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	
Layer color change	5 signal sounds	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	
	Yes	Yes	Yes	Yes	Yes	
	Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	
	Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24	
Protection rating		IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	
Certificates		CE	CE	CE	CE	
Customization		Beige color, Wall mount bracket, LED strobe, LED simulated revolving	Beige color, Pole length adjustment, LED strobe, LED simulated revolving	Beige color, Wall mount bracket, LED strobe, LED simulated revolving	Beige color, Pole length adjustment, LED strobe, LED simulated revolving	
Transistor		NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	NPN/ PNP type	

Product Specification for USB LED Tower Lights



Model number(series)	ST45ML-USB	ST45L-USB	ST56MEL-USB	ST56EL-USB	ST80MEL-USB	ST80EL-USB
Voltage	USB DC 5V	USB DC 5V	USB DC 5V	USB DC 5V	USB DC 5V	USB DC 5V
Dimension (mm)	Diameter	Ø45	Ø45	Ø56	Ø56	Ø80
	Height	198-358	412-572	192-352	406-566	230-390
	Depth					
Materials	Lens-AS	Lens-AS	Lens-AS	Lens-AS	Lens-AS	Lens-AS
	Housing-ABS	Housing-ABS	Housing-ABS	Housing-ABS	Housing-ABS	Housing-ABS
Layer	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing					
	LED Steady					
	LED Steady/Flashing	•	•	•	•	•
	LED Strobe					
Sound & volume	LED Simulated revolving					
	1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
	5 Signal sounds	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m
Layer color change	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Direct mount	Pole mount
Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24
Protection rating	IP23	IP23	IP23	IP23	IP23	IP23
Certificates	-	-	CE	CE	-	-
Customization	Customized color arrangements, Wall mount brackets	Customized color arrangements, Customized pole length	Customized color arrangements, 70mm lens height, Wall mount brackets	Customized color arrangements, 70mm lens height, Customized pole length	Customized color arrangements, 70mm lens height, Wall mount brackets	Customized color arrangements, 70mm lens height, Customized pole length



Model number(series)	QT50ML-USB	QT50L-USB	QT70ML-USB	QT70L-USB	STDEL-USB
Voltage	USB DC 5V	USB DC 5V	USB DC 5V	USB DC 5V	DC12V, DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø50	Ø50	Ø70	Ø80(Lens) Ø119(Housing)
	Height	208-372	422-586	148-372	287-511
	Depth				
Materials	Lens-PC	Lens-PC	Lens-PC	Lens-PC	Lens-AS
	Housing-PC	Housing-PC	Housing-PC	Housing-PC	Housing-ABS
Layer	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing				
	LED Steady				
	LED Steady/Flashing	•	•	•	•
	LED Strobe	•	•	•	•
Sound & volume	LED Simulated revolving	•	•	•	
	1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
	5 Signal sounds	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 105dB at 1m
Layer color change	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount	Direct mount
Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24	-
Protection rating	IP54	IP54	IP54	IP54	IP54
Certificates	CE	CE	CE	CE	-
Customization	Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Wall mount brackets	Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Customized pole length	Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Wall mount brackets	Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Customized pole length	Customized color arrangements, 70mm lens height

Specification List for USB LED Tower Lights



Model number(series)	QTG50(M)L-USB	QTG60(M)L-USB	QTG70(M)L-USB	QTC50(M)L-USB	QTC60(M)L-USB	QTC70(M)L-USB
Voltage	USB DC 5V	USB DC 5V	USB DC 5V	USB DC 5V	USB DC 5V	USB DC 5V
Dimension (mm)						
Diameter	Ø50	Ø60	Ø70	Ø50	Ø60	Ø70
Height	116-364	126-399	126-399	116-364	126-399	126-399
Depth						
Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens, filter lens-PC Housing-ABS	Lens, filter lens-PC Housing-ABS	Lens, filter lens-PC Housing-ABS
Layer	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing					
	LED Steady					
	LED Steady/Flashing	•	•	•	•	•
	LED Strobe					
	LED Simulated revolving					
Sound & volume	1 buzzer sound	Max. 90dB at 1m	Max. 90dB at 1m	Max. 90dB at 1m	Max. 90dB at 1m	Max. 90dB at 1m
	5 Signal sounds					
Layer color change	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Direct mount	Direct mount	Direct mount	Direct mount	Direct mount
Bracket	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)
Certificates	CE	CE	CE	CE	CE	CE
Customization	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets



Model number(series)	QTR50(M)L-USB	QTR60(M)L-USB	QTR70(M)L-USB		
Voltage	USB DC 5V	USB DC 5V	USB DC 5V		
Dimension (mm)					
Diameter	Ø50	Ø60	Ø70		
Height	116-364	126-399	126-399		
Depth					
Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS		
Layer	1-5 Layers	1-5 Layers	1-5 Layers		
Light source & Operation	Bulb Steady/Flashing				
	LED Steady				
	LED Steady/Flashing	•	•		
	LED Strobe				
	LED Simulated revolving				
Sound & volume	1 buzzer sound	Max. 90dB at 1m	Max. 90dB at 1m	Max. 90dB at 1m	
	5 Signal sounds				
Layer color change	Yes	Yes	Yes		
Mount bracket	Direct mount	Direct mount	Direct mount		
Bracket	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24		
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)		
Certificates	-	-	-		
Customization	Customized arrangements, housing, Customized pole length, Wall mount brackets	Customized arrangements, housing, Customized pole length, Wall mount brackets	Customized arrangements, housing, Customized pole length, Wall mount brackets	color Black	color Black

Product Specification for Ethernet LED Tower Lights



Model number(series)		ST45ML-ETN	ST45L-ETN	ST56MEL-ETN	ST56EL-ETN	ST80MEL-ETN	ST80EL-ETN
Dimension (mm)	Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
	Diameter	Ø45	Ø45	Ø56	Ø56	Ø80	Ø80
	Height	244-404	458-618	257-517	471-731	230-390	367-527
	Depth						
Materials		Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS	Lens-AS Housing-ABS
Layer		1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing						
	LED Steady						
	LED Steady/Flashing	•	•	•	•	•	•
	LED Strobe						
Sound & volume	LED Simulated revolving						
	1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
Layer color change	5 Signal sounds	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m	Max 85dB at 1m
	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket		Direct mount	Pole mount	Direct mount	Pole mount	Direct mount	Pole mount
Bracket		TWS45, TWA45	LB18, LW18, QZ18, SZ18, QLA18	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QLA24
Protection rating		IP23	IP23	IP23	IP23	IP23	IP23
Certificates		-	-	CE, KCC	CE, KCC	-	-
Customization		Customized color arrangements, Wall mount brackets	Customized color arrangements, Customized pole length	Customized color arrangements, 70mm lens height, Wall mount brackets	Customized color arrangements, 70mm lens height, Customized pole length	Customized color arrangements, 70mm lens height, Wall mount brackets	Customized color arrangements, 70mm lens height, Customized pole length



Model number(series)		QT50ML-ETN	QT50L-ETN	QT70ML-ETN	QT70L-ETN
Dimension (mm)	Voltage	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V	DC12V, DC24V
	Diameter	Ø50	Ø50	Ø70	Ø70
	Height	208-372	422-586	148-372	287-511
	Depth				
Materials		Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC	Lens-PC Housing-PC
Layer		1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing				
	LED Steady				
	LED Steady/Flashing	•	•	•	•
	LED Strobe	•	•	•	•
Sound & volume	LED Simulated revolving	•	•	•	•
	1 buzzer sound	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m	Max 90dB at 1m
Layer color change	5 Signal sounds	Max 85dB at 1m	Max 85dB at 1m	Max 90dB at 1m	Max 90dB at 1m
	Yes	Yes	Yes	Yes	Yes
Mount bracket		Direct mount	Pole mount	Direct mount	Pole mount
Bracket		TWS45, TWA45	LB18, LW18, QZ18, SZ18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QLA24
Protection rating		IP54	IP54	IP54	IP54
Certificates		CE	CE	CE	CE
Customization		Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Wall mount brackets	Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Customized Pole Length	Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Wall mount brackets	Customized color arrangements, Beige color, LED strobe, LED simulated revolving, Customized Pole Length

Specification List for Ethernet LED Tower Lights



Model number(series)	QTG50(M)L-ETN	QTG60(M)L-ETN	QTG70(M)L-ETN	QTC50(M)L-ETN	QTC60(M)L-ETN	QTC70(M)L-ETN
Voltage	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V
Dimension (mm)						
Diameter	Ø50	Ø60	Ø70	Ø50	Ø60	Ø70
Height	116-364	126-399	126-399	116-364	126-399	126-399
Depth						
Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens, filter lens-PC Housing-ABS	Lens, filter lens-PC Housing-ABS	Lens, filter lens-PC Housing-ABS
Layer	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers
Light source & Operation	Bulb Steady/Flashing					
	LED Steady					
	LED Steady/Flashing	•	•	•	•	•
	LED Strobe					
	LED Simulated revolving					
Sound & volume	1 buzzer sound	Max. 90dB at 1m	Max. 90dB at 1m	Max. 90dB at 1m	Max. 90dB at 1m	Max. 90dB at 1m
	5 Signal sounds					
Layer color change	Yes	Yes	Yes	Yes	Yes	Yes
Mount bracket	Direct mount	Direct mount	Direct mount	Direct mount	Direct mount	Direct mount
Bracket	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)
Certificates	CE	CE	CE	CE	CE	CE
Customization	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets	Customized color arrangements, Customized pole length, Wall mount brackets



Model number(series)	QTR50(M)L-ETN	QTR60(M)L-ETN	QTR70(M)L-ETN			
Voltage	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V			
Dimension (mm)						
Diameter	Ø50	Ø60	Ø70			
Height	116-364	126-399	126-399			
Depth						
Materials	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS			
Layer	1-5 Layers	1-5 Layers	1-5 Layers			
Light source & Operation	Bulb Steady/Flashing					
	LED Steady					
	LED Steady/Flashing	•	•			
	LED Strobe					
	LED Simulated revolving					
Sound & volume	1 buzzer sound	Max. 90dB at 1m	Max. 90dB at 1m			
	5 Signal sounds					
Layer color change	Yes	Yes	Yes			
Mount bracket	Direct mount	Direct mount	Direct mount			
Bracket	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB18, LW18, QZ18, SZ18, QL18, QLA18	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24			
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)			
Certificates						
Customization	Customized color arrangements, Black housing, Customized pole length, Wall mount brackets	Customized color arrangements, Black housing, Customized pole length, Wall mount brackets	Customized color arrangements, Black housing, Customized pole length, Wall mount brackets			

Specification List For Wireless Products

Wireless LED Tower Lights



Model number	QTG60ML-WIZ	QTG60L-WIZ	QTG70ML-WIZ	QTG70L-WIZ		
Voltage	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V-220V		
Dimension (mm)	Diameter	Ø60	Ø60	Ø70	Ø70	
	Height	199-399	435-625	199-399	357-557	
	Depth					
Material	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS	Lens-PC Housing-ABS		
Layers	1-5 Layers	1-5 Layers	1-5 Layers	1-5 Layers		
Light source & Operation	Bulb Steady/ Flashing					
	LED Steady					
	LED Steady/ Flashing	•	•	•	•	
	LED Strobe					
Sound & Volume	LED Simulated revolving					
	1 buzzer sound	Max. 85dB at 1m	Max. 85dB at 1m	Max. 85dB at 1m	Max. 85dB at 1m	
	5 signal sounds					
Layer color change	Yes	Yes	Yes	Yes		
Mount bracket	Direct mount	Pole mount	Direct mount	Pole mount		
Bracket	TWS45, TWA45	LB18, LW18, QZ18, SZ18, QL18, SL18, QLA18	TWS80, TWA80	LB24, LW24, QZ24, SZ24, QL24, SL24, QLA24		
Protection rating	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)	IP54(Buzzer type), IP65(Standard)		
Certificates	KC	KC	KC	KC		
Customization	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing	2 buzzer sounds, Wall mount bracket, Strong buzzer, Black housing	2 buzzer sounds, Pole length adjustment, Strong buzzer, Black housing		
Transistor	NPN	NPN	NPN	NPN		
Communication	Wireless(ZIGBEE)	Wireless(ZIGBEE)	Wireless(ZIGBEE)	Wireless(ZIGBEE)		

Wireless LED Signal Lights



Model number	QMCL125-WIZ			
Voltage	DC12V, DC24V			
Dimension (mm)	Diameter	Ø116		
	Height	110		
Volume	Max. 80dB at 1m			
Material	Lens-AS Housing-ABS			
Mount bracket	Self stand			
Protection rating	IP65			
Mount bracket	Self stand			
Protection rating	IP65			
Certificates				
Customization	Wall mount			
Transistor	NPN			
Communication	Wireless(ZIGBEE)			

Product Specification for Electric Sounder/ Speaker/ Motor Siren/ Buzzer Horn/ Bell



Model number(series)	SPK	QMPS	S60ADH	QAP80H	QAP80BZ	QAP100H	QAP100BZ
Voltage	DC12V, DC24V AC110V, AC220V	DC12V-24V AC110V-220V	DC12V, DC24V AC110V, AC220V	DC12V-24V	DC12V, DC24V	DC12V-24V AC110V-220V	DC12V, DC24V AC110V-220V
Dimension (mm)	Diameter	80×80	120×120	Ø75	Ø83	Ø83	Ø97
	Height	-	-	158	129	129	137
	Depth	75	69	86	93	93	109
Sound & Volume	Materials	ABS	ABS	ABS	ABS	ABS	ABS
	1 Tone Buzzer			Max 100dB at 1m	Max 105dB at 1m		Max 105dB at 1m
	5 Signal Sounds	Max 85dB at 1m					
	Voice						
	30 Signal Sounds		Max 98dB at 1m	Max 100dB at 1m		Max 100dB at 1m	
	31 Signal Sounds						
Mounting structure	MP3		Max 95dB at 1m			Max 95dB at 1m	
	Other Sound						
	Mounting structure	Panel mount	Panel mount	Wall mount	Wall mount	Wall mount	Wall mount
Cable entry	-	-	-	Ø10	Ø10	Ø10	Ø10
Protection rating	IP23	IP54	IP54	IP65	IP65	IP65	IP65
Certificate	CE	CE, UL	CE	CE	CE	CE	CE
Customization	-	-	Strong buzzer 105dB	-	-	-	-
Transistor	NPN type	NPN type		NPN type	-	NPN type	-



Model number(series)	QAP125H	QAP125BZ	SRN	SEN15	SEN25	SMP35	SMP50
Voltage	DC12V-24V AC110V-220V	DC12V, DC24V AC110V-220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V
Dimension (mm)	Diameter	Ø116	Ø116	Ø125	130	130	145×177
	Height	149	149	-	-	-	-
	Depth	132	132	185(Length)	200(Length)	200(Length)	216(Length)
Sound & Volume	Materials	ABS	ABS	ABS	ABS	ABS	ABS
	1 Tone Buzzer		Max 105dB at 1m				
	5 Signal Sounds			Max 108dB at 1m	Max 108dB at 1m	Max 115dB at 1m	
	Voice			Max 98dB at 1m	Max 98dB at 1m	Max 108dB at 1m	
	30 Signal Sounds	Max 115dB at 1m					Max 123dB at 1m
	31 Signal Sounds						
Mounting structure	MP3	Max 100dB at 1m				Max 113dB at 1m	Max 118dB at 1m
	Other Sound						
	Mounting structure	Wall mount	Wall mount	Self stand	Self stand	Self stand	Self stand
Cable entry	Ø10	Ø10	Ø10	Ø10	Ø10	Ø21	Ø21
Protection rating	IP65	IP65	IP55	IP55	IP55	IP65	IP65
Certificate	CE	CE	CE	CE	CE	CE	CE
Customization	-	-	External sound pattern signal line	External sound pattern signal line	External sound pattern signal line	External sound pattern signal line	External sound pattern signal line
Transistor	NPN type	-	NPN type	NPN type	NPN type	NPN type	NPN type

Product Specification for Electric Sounder/ Speaker/ Motor Siren/ Buzzer Horn/ Bell



Model number(series)	SN	SEHN25	SEHN50	SN-1	SM30	SM40
Voltage	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V	DC12V, DC24V AC110V, AC220V	DC12V, DC24V AC110V, AC220V
Dimension (mm)	Diameter	Ø119(Horn)	Ø158(Horn)	Ø167(Horn)	Ø135(Horn)	Ø77
	Height					Ø128
	Depth	167(Length)	238(Length)	242(Length)	140(Length)	82(Length)
	Materials	Housing-Steel	Housing-Steel	Housing-Steel	Housing-Steel	Housing-ABS
Sound & Volume	1 Tone Buzzer					
	5 Signal Sounds	Max 105dB at 1m	Max 115dB at 1m	Max 120dB at 1m	-	-
	Voice	Max 95dB at 1m	Max 108dB at 1m	Max 115dB at 1m	-	-
	30 Signal Sounds					
	31 Signal Sounds					
	MP3					
	Other Sound	-	-	-	Max 100dB at 1m	Max 110dB at 1m
	Mounting structure	Self stand	Self stand	Self stand	Self stand	Self stand
	Cable entry	Ø10	Ø21	Ø21	Ø10	Ø22
	Protection rating	IP55	IP55	IP55	IP44	IP44
	Certificate	CE	KIMM	KIMM	-	-
	Customization	External sound pattern signal line	External sound pattern signal line	External sound pattern signal line	-	-
	Transistor	NPN type	NPN type	NPN type	-	-



Model number(series)	SM200	SM400	SAB130	SAB200	QWH35	QWH50
Voltage	DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC24V AC110V, AC220V	DC12V-24V AC110V-220V	DC12V-24V AC110V-220V
Dimension (mm)	Diameter	Ø143	Ø165	Ø130(Bell)	Ø200(Bell)	136×179
	Height	-	-	238	269	-
	Depth	231(Length)	284(Length)	107	107	126
	Materials	Housing-Steel	Housing-Steel	Bell-Steel Housing-ABS	Bell-Steel Housing-ABS	Horn-PC Housing-PC+ABS
Sound & Volume	1 Tone Buzzer					
	5 Signal Sounds					
	Voice					
	30 Signal Sounds					
	31 Signal Sounds					
	MP3	-	-	-	-	-
	Other Sound	Max 120dB at 1m	Max 123dB at 1m	Max 95dB at 1m	Max 95dB at 1m	Max 115dB at 1m
	Mounting structure	Direct mount	Direct mount	Wall mount	Wall mount	Wall mount
	Cable entry	Ø9	Ø22	Ø26	Ø26	Ø21
	Protection rating	IP44	IP44	IP56	IP56	IP66
	Certificate	CE	-	CE	CE	CE, UL
	Customization	-	-	2 way cable entries	2 way cable entries	-
	Transistor	-	-	-	-	NPN type

Product Specification for LED Work Lights for Industrial Purpose



Model number(series)	QML-150	QML-250	QMHL-150	QMHL-250
Voltage	DC24V	DC24V	DC24V	DC24V
Power consumption	11-13W	23-29W	11-12W	23-25W
Dimension (mm)	Direct mount (D type)	155(W)×105(L)×36(H)	255(W)×115(L)×36(H)	155(W)×105(L)×36(H)
	Bracket (K type)	155(W)×156(L)×36(H)	255(W)×166(L)×36(H)	155(W)×156(L)×36(H)
	Bracket (MF type)	155(W)×191(L)×36(H)	255(W)×201(L)×36(H)	155(W)×191(L)×36(H)
Material	Housing : Al, Lens : Tempered glass	Housing : Al, Lens : Tempered glass	Housing : Al, Lens : Tempered glass	Housing : Al, Lens : Tempered glass
Lens color	Translucent	Translucent	Transparent	Transparent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	620Lux	890Lux	1,000Lux	1,900Lux
Mounting structure	Direct mount(D type), Mount bracket(K type), Revolving mount bracket (MF Type)	Direct mount(D type), Mount bracket(K type), Revolving mount bracket (MF Type)	Direct mount(D type), Mount bracket(K type), Revolving mount bracket (MF Type)	Direct mount(D type), Mount bracket(K type), Revolving mount bracket (MF Type)
Protection rating	IP67/ IP69K	IP67/ IP69K	IP67/ IP69K	IP67/ IP69K
Certificates	CE, UL	CE, UL	CE	CE
Customization	M12 connector equipped	M12 connector equipped	M12 connector equipped	M12 connector equipped



Model number(series)	QFL-200/ 300/ 400/ 500/ 600/ 1200	QFLC-200/ 300/ 400/ 500/ 600/ 1200	QMFLN-200/ 300/ 400/ 500/ 600	
Voltage	DC24V, AC110V/ AC220V	DC24V, AC110V/ AC220V	DC24V	
Power consumption	5.5-53W	5.5-53W	5.6-25W	
Dimension (mm)	Length	240-1190	240-1190	
	Width	60	60	
	Height	63	63	
Materials	Lens : PC, Side cover : Al	Lens : PC, Side cover : Al	Housing: Al, Lens : Tempered glass	
Lens color	Translucent	Transparent	Transparent	
Light color	Cooldaylight	Cooldaylight	Cooldaylight	
Efficacy (lm/W)	120-1,200Lux	150-1,560Lux	160-1,300Lux	
Mounting structure	Mount bracket	Mount bracket	Mount bracket	
Protection rating	IP67	IP67	IP67/ IP69K	
Certificates	CE	CE	CE, UL	
Customization	M12 connector equipped	M12 connector equipped	M12 connector equipped	



Model number(series)	QPL200/ 300/ 400/ 500	QPLC200/ 300/ 400/ 500	QPHL200/ 300/ 400/ 500	QPHLC200/ 300/ 400/ 500
Voltage	DC24V, AC110V, AC220V	DC24V, AC110V, AC220V	DC24V, AC110V, AC220V	DC24V, AC110V, AC220V
Power consumption	4-11W	4-11W	4.8-11W	4.8-11W
Dimension (mm)	Length	200-500	200-500	200-500
	Width	39.4	39.4	39.4
	Height	24.4	24.4	24.4
Material	Lens : PC, Side cover : ABS	Lens : PC, Side cover : ABS	Lens : PC, Side cover : ABS	Lens : PC, Side cover : ABS
Lens color	Translucent	Transparent	Translucent	Transparent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	50-215Lux	65-265Lux	80-290Lux	100-375Lux
Mounting structure	Direct mount	Direct mount	Direct mount	Direct mount
Protection rating	IP65	IP65	IP65	IP65
Certificates	CE, UL	CE, UL	CE, UL	CE

Product Specification for LED Work Lights for Industrial Purpose



Model number(series)	QCML-200/ 300/ 400/ 500/ 600/ 900/ 1200/ 1500	QCMLC-200/ 300/ 400/ 500/ 600/ 900/ 1200/ 1500	QCML-7C
Voltage	DC24V	DC24V	DC24V
Power consumption	5.5-28W	5.5-28W	4.7-28W
Dimension (mm)	Length	257-1,557	257-1,557
	Width	33	33
	Height	26	26
Materials	Lens : PC, Side cover : PC	Lens : PC, Side cover : PC	Lens : PC, Side cover : PC
Lens color	Translucent	Transparent	Translucent
Light color	Cooldaylight, Warm white, Red, Amber	Cooldaylight, Warm white, Red, Amber	Red, Green, Blue, Amber, Purple, Cyan, White
Efficacy (lm/W)	85-550Lux	100-600Lux	-
Mounting structure	Mount bracket	Mount bracket	Mount bracket
Protection rating	IP67/ IP69K	IP67/ IP69K	IP67/ IP69K
Certificates	CE, UL	CE, UL	CE, UL



Model number(series)	QGL-200/ 300/ 400/ 500	QGLC-200/ 300/ 400/ 500
Voltage	DC24V, AC110V, AC220V	DC24V, AC110V, AC220V
Power consumption	4-12W	4-12W
Dimension (mm)	Length	200-500
	Width	38.4
	Height	33.6
Materials	Lens : PC, Side cover : ABS	Lens : PC, Side cover : ABS
Lens color	Translucent	Transparent
Light color	Cooldaylight	Cooldaylight
Efficacy (lm/W)	70-300Lux	85-370Lux
Mounting structure	Mount bracket	Mount bracket
Protection rating	Non waterproof	Non waterproof
Certificates	CE	CE



Model number(series)	QEL-200/ 300/ 400/ 500	QELT-200/ 300/ 400/ 500	QELS-200/ 300/ 400/ 500	QELTS-200/ 300/ 400/ 500
Voltage	DC24V, AC110V, AC220V	DC24V, AC110V, AC220V	DC24V, AC110V, AC220V	DC24V, AC110V, AC220V
Power consumption	2.5-24W	2.5-24W	2.5-24W	2.5-24W
Dimension (mm)	Length	220-520	249-549	278-578
	Width	34.6	34.6	34.6
	Height	30.7	30.7	33.1
Materials	Lens : PC, Side cover : ABS	Lens : PC, Side cover : ABS	Lens : PC, Side cover : ABS	Lens : PC, Side cover : ABS
Lens color	Translucent	Translucent	Translucent	Translucent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	80-200Lux	80-200Lux	80-200Lux	80-200Lux
Mounting structure	Mount bracket	Mount bracket	Mount bracket	Mount bracket
Protection rating	Non waterproof	Non waterproof	Non waterproof	Non waterproof
Certificates	CE, KC	CE	CE, KC	CE

Product Specification for LED Work Lights for Industrial Purpose

Non Sparking LED Work Light



Model number(series)	QMFL-300-Ex-24	QLEX-350	QLEX-SLM-250	QLEX-SLM-250(PL)
Voltage	DC24V	DC24V	DC24V	DC24V
Power consumption	10W	8.6W	8.8W	8.8W
Dimension (mm)	Length	290	350	250
	Width	38	90	90
	Height	64	88.4	70
Materials	Lens-Tempered glass Housing-Al	Side cover : Al, Lens : PC, Side cover out : NBR, Bracket : Al	Side cover : Al, Lens : PC, Bracket : Al	Side cover : Al, Lens : PC, Bracket : Al
Lens color	Translucent	Transparent/ Translucent	Transparent/ Translucent	Transparent/ Translucent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	260Lux	250Lux	260Lux	260Lux
Mounting structure	Mount bracket	Mount bracket	Mount bracket	Mount bracket
Protection rating	IP67/ IP69K	IP66/ IP67	IP66/ IP67	IP66/ IP67
Certificate	KCs, NEPSI	KCs, NEPSI	CE, KCs, NEPSI, S-Mark	CE, KCs, NEPSI, S-Mark
Explosion proof rating	Ex nR II T6, Ex nR II C T6 Gc	Ex d IIC T6, Ex d IIC T6 Gb	Ex d IIC T6, Ex d IIC T6 Gb	Ex d IIC T6, Ex d IIC T6 Gb



Model number	ULEF-1557/ 2557/ 4057/ 5057	ULSF-1557/ 2557/ 4057/ 5057	ULFL-1757-P0001/ P30000	ULPL-1857-GG3120/ 3057-GG3120	ULII-1830-IO1200/ 430-IO900/ 030-IO600/ 0630-IO300
Voltage	AC220V	AC220V	AC220V	AC220V	AC220V
Power consumption	40W	40W	15.2 - 17.5W	18 - 30W	6 - 18W
Dimension (mm)	Length	340 - 1280	1198	1198	300 - 1200
	Width	340 - 640	-	69	22
	Height	22	30	-	55
Material	Housing: PC, Heat sink: Al	Housing: PC, Heat sink: Al	Housing: PC, Heat sink: Al	Housing: PC, Heat sink: Al	Housing: PC, Heat sink: Al
Lens color	Translucent	Translucent	Translucent	Translucent	Translucent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight	Warm white
Efficacy (lm/W)	120 - 250Lux	375 - 500Lux	570Lux	730 - 1235Lux	120 - 400Lux
Mounting structure	Direct mount	Direct mount	-	Bracket	Bracket
Protection rating	Non waterproof	Non waterproof	Non waterproof	Non waterproof	Non waterproof
Certificates	KS, High efficiency materials	KS, High efficiency materials	KS, High efficiency materials	KS, High efficiency materials	KS

Product Specification for LED Work Lights for Industrial Purpose

Explosion Proof High Bay LED Lights



Model number	EXD29	EXD43	EXD57	EXD80
Voltage	AC110V, AC220V	AC110V, AC220V	AC110V, AC220V	AC110V, AC220V
Power consumption	29W	43W	57W	80W
Dimension (mm)				
Length	Φ240	Φ285	Φ285	Φ285
Width	261 - 473	269 - 481	269 - 481	269 - 481
Height	-	-	-	-
Material	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass
Lens color	Transparent	Transparent	Transparent	Transparent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	1,450Lux	2,150Lux	2,850Lux	4,000Lux
Mounting structure	Ceiling/ Stanchion / Junction box	Ceiling/ Stanchion / Junction box	Ceiling/ Stanchion / Junction box	Ceiling/ Stanchion / Junction box
Protection rating	IP66	IP66	IP66	IP66
Certificates	KCs	KCs	KCs	KCs
Explosion proof rating	Ex d IIC T6 Ex tD A21 IP66 T100°C	Ex d IIC T6 Ex tD A21 IP66 T100°C	Ex d IIC T6 Ex tD A21 IP66 T100°C	Ex d IIC T6 Ex tD A21 IP66 T100°C



Model number	EXD29-JE-CN-EXTB-130	EXD43-JE-CN-EXTB-130	EXD57-JE-CN-EXTB-130	EXD80-JE-CN-EXTB-130
Voltage	AC110V, AC220V	AC110V, AC220V	AC110V, AC220V	AC110V, AC220V
Power consumption	29W	43W	57W	80W
Dimension (mm)				
Length	Φ240	Φ285	Φ285	Φ285
Width	261 - 473	269 - 481	269 - 481	269 - 481
Height	-	-	-	-
Material	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass
Lens color	Transparent	Transparent	Transparent	Transparent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	1,450Lux	2,150Lux	2,150Lux	2,150Lux
Mounting structure	Pendant / Wall 90 °	Pendant / Wall 90 °	Pendant / Wall 90 °	Pendant / Wall 90 °
Protection rating	IP66	IP66	IP66	IP66
Certificates	KCs	KCs	KCs	KCs
Explosion proof rating	Ex d IIC T6 Ex tD A21 IP66 T100°C	Ex d IIC T6 Ex tD A21 IP66 T100°C	Ex d IIC T6 Ex tD A21 IP66 T100°C	Ex d IIC T6 Ex tD A21 IP66 T100°C

High Bay LED Lights



Model number	SL65N4	SL75N4	SL80N4	SL120N4
Voltage	AC220V	AC220V	AC220V	AC220V
Power consumption	65W	75W	86W	120W
Dimension (mm)				
Length	Φ264	Φ264	Φ264	Φ288
Width	163	163	163	174
Height	-	-	-	-
Material	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass	Housing: Al, Lens : Tempered glass
Lens color	Transparent	Transparent	Transparent	Transparent
Light color	Cooldaylight	Cooldaylight	Cooldaylight	Cooldaylight
Efficacy (lm/W)	3,400Lux	3,400Lux	4,000Lux	5,800Lux
Mounting structure	Ceiling/ Wall mount/ Pendant	Ceiling/ Wall mount/ Pendant	Ceiling/ Wall mount/ Pendant	Ceiling/ Wall mount/ Pendant
Protection rating	Non waterproof	Non waterproof	Non waterproof	Non waterproof
Certificates	KC, High efficiency materials	KC, High efficiency materials	KC, High efficiency materials	KC, High efficiency materials