

SCD Series

Light weight Signal Beacon and Electronic Sounder combinations with polycarbonate housing for vessels and heavy industry applications



PRODUCT SPECIFICATION

SCDF | SCDW

Materials Lens-PC, Housing-PC+GF, Protection cage-STS316L

Reflector-PC, Reflector-Heat resistant ABS

Ambient operating temperature

-20°C to +50°C: SCDFLR, SCDWLR, SCDF, SCDW

-30°C to +50°C: SCDFL, SCDWL, SCDFS, SCDWS

Protection rating IP66

Cable entry 1/2" PF

- Signal Beacon and Electronic Sounder combinations for vessels and heavy industrial applications
- Light weight model with special polycarbonate (PC+GF) housing
- Excellent hermetic structure that blocks water and dust
- Superior impact and shock resistance
- Prevents damage from external contact with recessed horn structure, high volume output possible with the extended length of the horn housing
- Easy wiring and sound control with the terminal box attached on the side of housing
- Standard model comes with a protection cage equipped
- Can select a variety of light sources and sound pattern combinations
- Detachable mounting bracket structure enables product to be either self stand type or wall mount type
- Can adjust sound volume and select sound pattern with the switches built inside the units

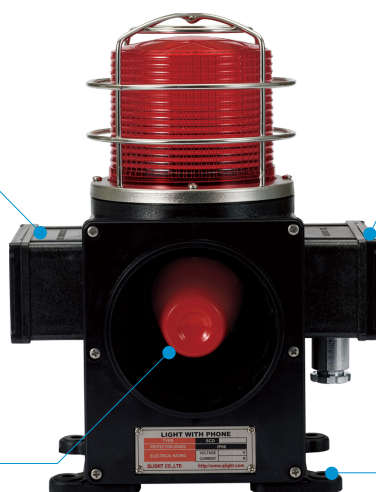
Audible sound since the sound control board is located separately from the main board



Easy wire configuration possible with terminal box located on the side of the housing











Recessed horn structure protects it from damage by external forces



Detachable mounting bracket structure enables product to be either self stand type or wall mount type

SCD Series Product Category Chart

	LED Revolving type	LED Steady/Flashing type	Xenon Strobe type	Bulb Revolving type
Self mount	 SCDFLR	 SCDFL	 SCDFS	 SCDF
Wall mount	 SCDWLR	 SCDWL	 SCDWS	 SCDW

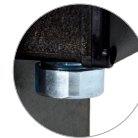


SCDF Series
Self mount

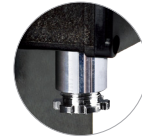


SCDW Series
Wall mount

SCDF / SCDW Series are equipped with flexible connector at cable entry. Cable gland is an optional item.



Flexible connector



Cable gland

SCDFLR / SCDWLR LED Revolving Signal Beacon & Electronic Sounder Combination

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
SCDFLR SCDWLR	DC12V	1.700A	· WS-5 Warning sounds: Max.113dB		2.70kg	● R-Red
	DC24V	1.300A	· WP-5 Special warning sounds: Max.113dB			● A-Amber
	AC110V	0.330A	· WM-5 Melodies: Max.113dB		3.50kg	● G-Green
	AC220V	0.180A	· WA-5 Alarms: Max.113dB · WV-5 Customizable voices: 108-113dB			● B-Blue

- Excellent omni-directional visibility with LED light collecting system and special multifaceted reflector
- Revolving speed: 120-140RPM
- Ambient operating temperature: -20°C to +50°C

SCDFL / SCDWL LED Steady/Flashing Signal Beacon & Electronic Sounder Combination

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
SCDFL SCDWL	DC12V	2.000A	· WS-5 Warning sounds: Max.113dB		2.52kg	● R-Red
	DC24V	1.500A	· WP-5 Special warning sounds: Max.113dB			● A-Amber
	AC110V	0.370A	· WM-5 Melodies: Max.113dB		3.46kg	● G-Green
	AC220V	0.200A	· WA-5 Alarms: Max.113dB · WV-5 Customizable voices: 108-113dB			● B-Blue

- Multi layer LED reflect system emits clear and uniform level of signal lights throughout the lens
- Flashing rate: 60-80 flashes/min(Built-in steady/flashing selection switch)
- Ambient operating temperature: -30°C to +50°C

SCDFS / SCDWS Xenon Strobe Signal Beacon and Electronic Sounder Combination

Model number	Voltage	Current	Xenon lamp			Sound pattern and volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
SCDFS SCDWS	DC12V	2.500A	200V -550V	EUB0641 -1A(G) U type	48	· WS-5 Warning sounds: Max.113dB		2.46kg	● R-Red
	DC24V	1.400A				· WP-5 Special warning sounds: Max.113dB			● A-Amber
	AC110V	0.360A				· WM-5 Melodies: Max.113dB		3.85kg	● G-Green
	AC220V	0.220A				· WA-5 Alarms: Max.113dB · WV-5 Customizable voices: 108-113dB			● B-Blue

- Convenient lamp exchange by adopting connector type lamp installation
- Flashing rate : 60-80 flashes/min
- Ambient operating temperature : -30°C to +50°C

SCDF / SCDW Bulb Revolving Signal Beacon and Electronic Sounder Combination

Model number	Voltage	Current	Bulb			Sound pattern and volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
SCDF SCDW	DC12V	3.000A	12V15W	G23 15S	17	· WS-5 Warning sounds: Max.113dB		2.68kg	● R-Red
	DC24V	2.000A	24V15W	G23 15S	18	· WP-5 Special warning sounds: Max.113dB			● A-Amber
	AC110V	0.450A	12V15W	G23 15S	17	· WM-5 Melodies: Max.113dB		3.60kg	● G-Green
	AC220V	0.230A	12V15W	G23 15S	17	· WA-5 Alarms: Max.113dB · WV-5 Customizable voices: 108-113dB			● B-Blue

- Multi layer reflector system provides excellent signal light diffusing effect
- Revolving speed : 120-140RPM
- Ambient operating temperature : -20°C to +50°C

※ CE compliant : DC24V

※ Max.built-in volume feature is based on WS, WP-Ch1 / WM-Ch5 / WA-Ch4.

※ In case of customized WV 5 tone type, there may be difference of volume depending on user's audio file type.

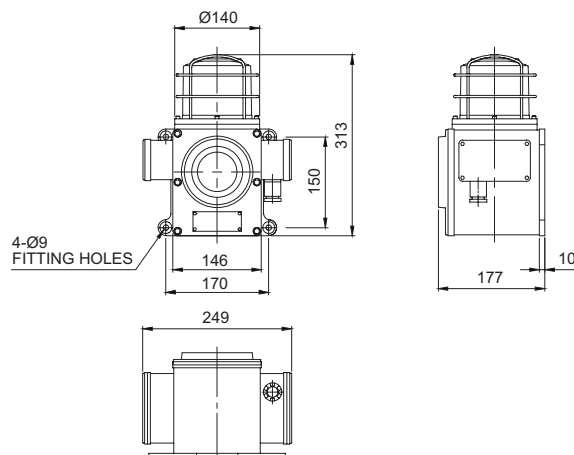
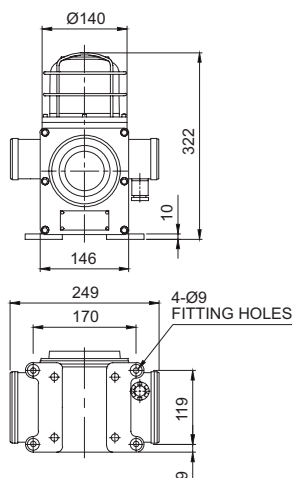
SCD Series

Technical Diagram

·SCDFLR / SCDFL / SCDFS / SCDF

·SCDWLR / SCDWL / SCDWS / SCDW

Units: mm



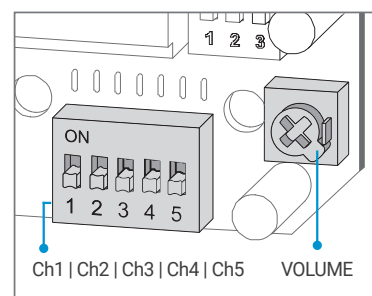
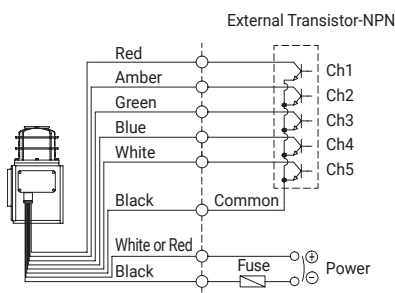
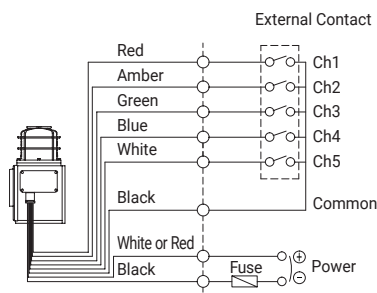
Sound Selection Instructions and Wiring

·SCDW Series-DC/AC

·SCDF Series-DC/AC

· Customization: External contact(LC)

· Standard Type: Select sound using the switch inside of the unit. When you turn on the dip switch for each channel, the designated sound will be played.



Wiring Instructions

· SCDF, SCDFLR, SCDW, SCDWLR - Black output line is negative(-).

Customization

- Customized cable entry(3/4"PF) available(Standard : 1/2"PF)
- Customized external sound line type available : SCD Series has built-in switch for sound tone selection
- Customized wiring available to select the sound tone via external contact or transistor wiring type(Model number : -LC)
- Cable gland type

Ordering Specification

SCDW	-	WA	-	24	-	R	-	LC
[Model number]		[Sound]		[Voltage]		[Color]		[Sound selection]
SCDFLR		WS-Warning sounds		12-DC12V		● R-Red		None-Built-in switch
SCDFL		WP-Special warning sounds		24-DC24V		● A-Amber		LC-External contact
SCDFS		WM-Melodies		110-AC110V		● G-Green		
SCDF		WA-Alarms		220-AC220V		● B-Blue		
SCDWLR		WV-Customizable voices						
SCDWL								
SCDWS								
SCDW								