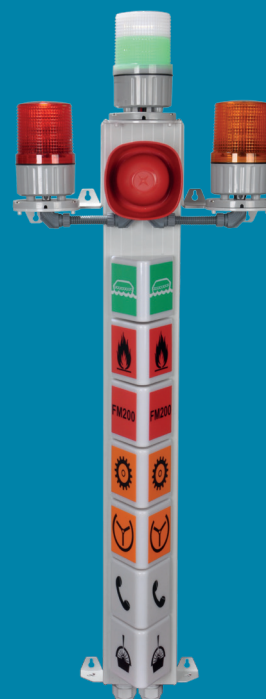
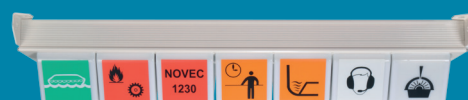




## Marine Electric & Electronics

### SIGNAL COLUMNS

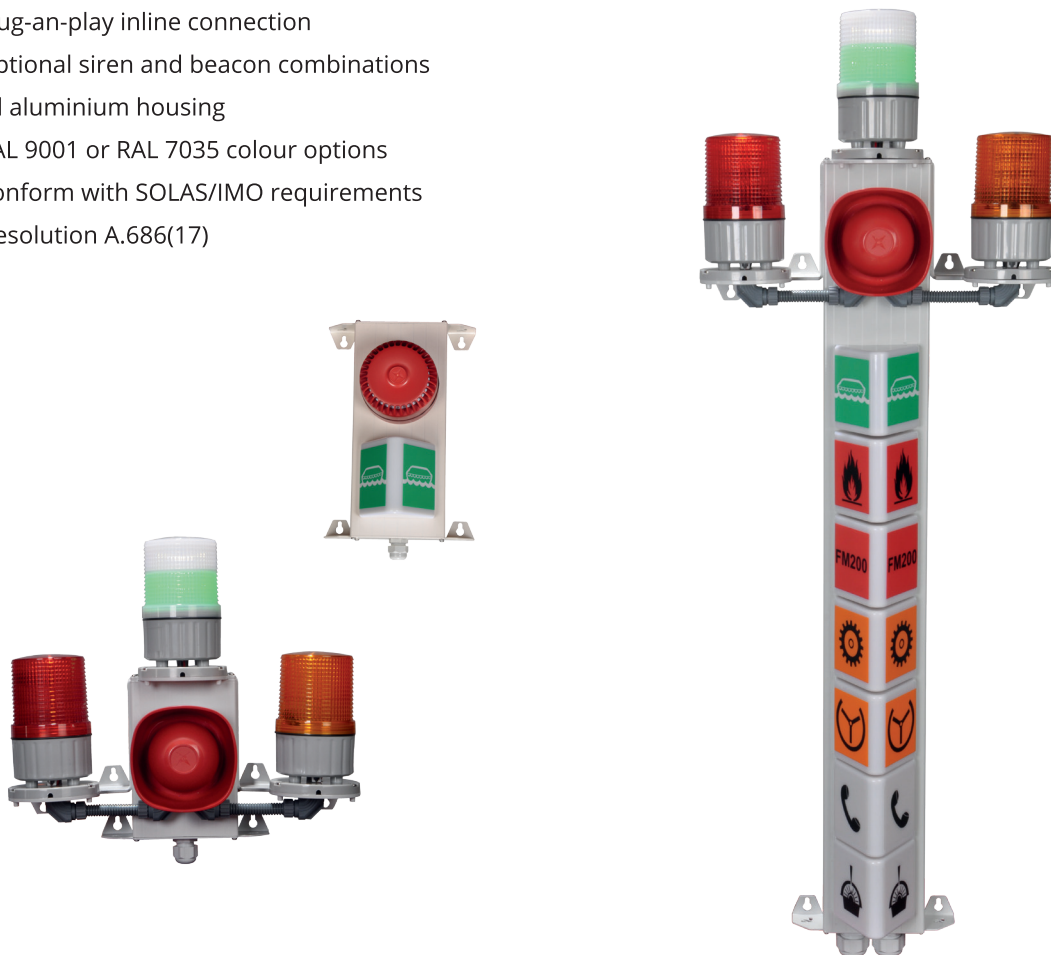
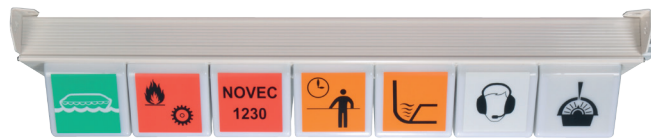


**aQuaelecs**



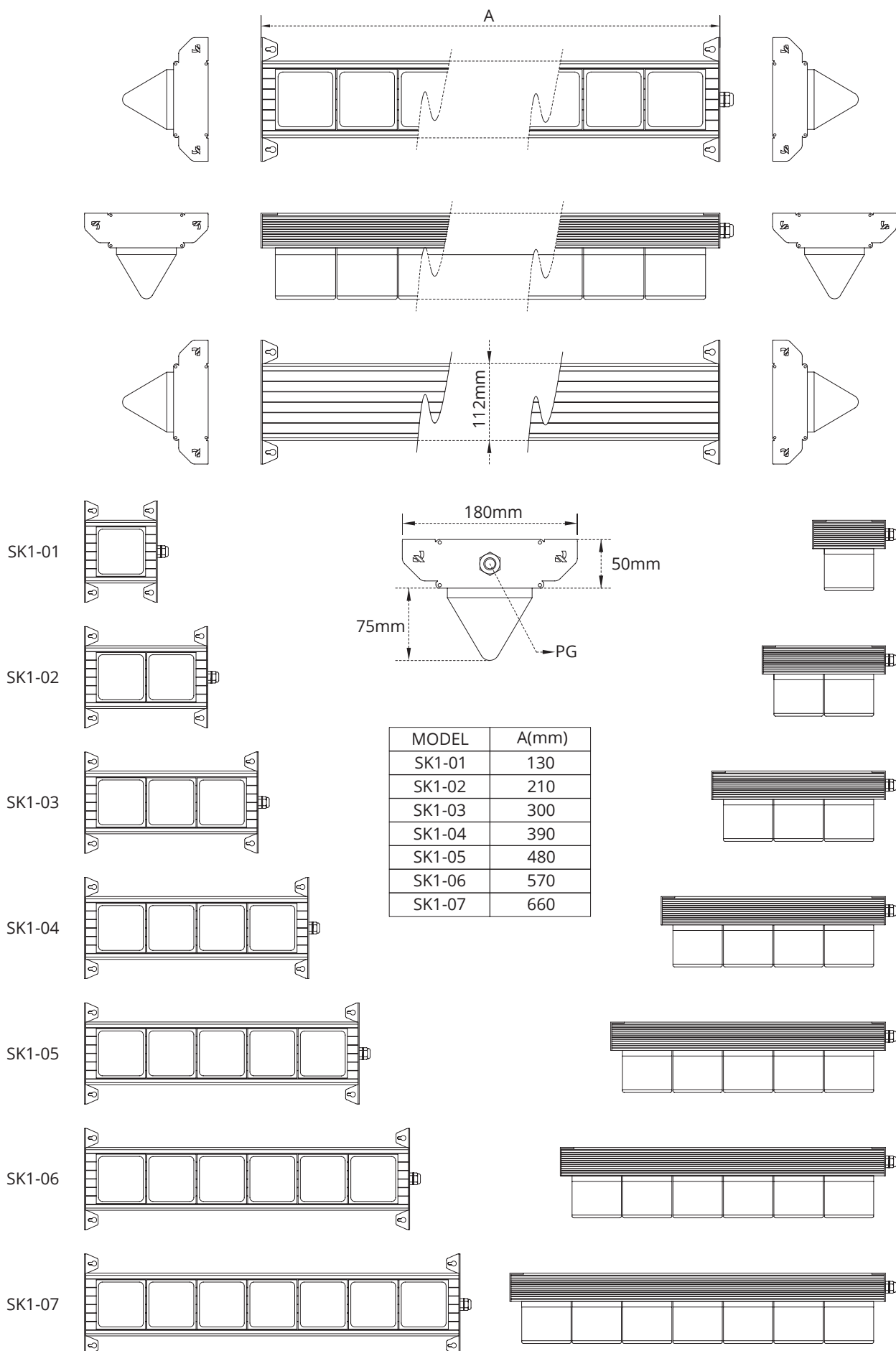
These columns give the possibility to monitor in visual and audio mode all the different alarm types on a single compact device. Applicable in all technical areas such engine rooms, engine control rooms and pump rooms.

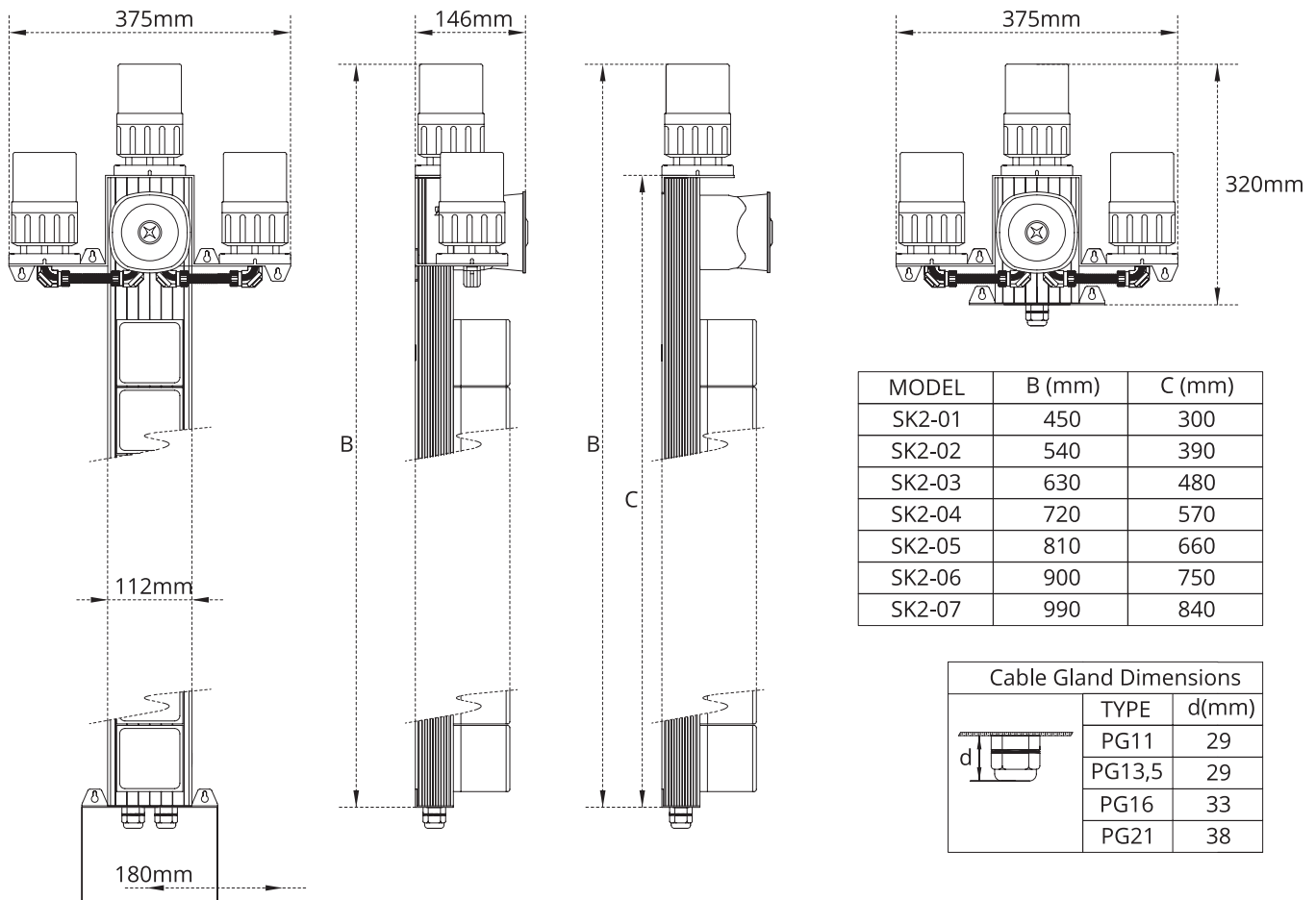
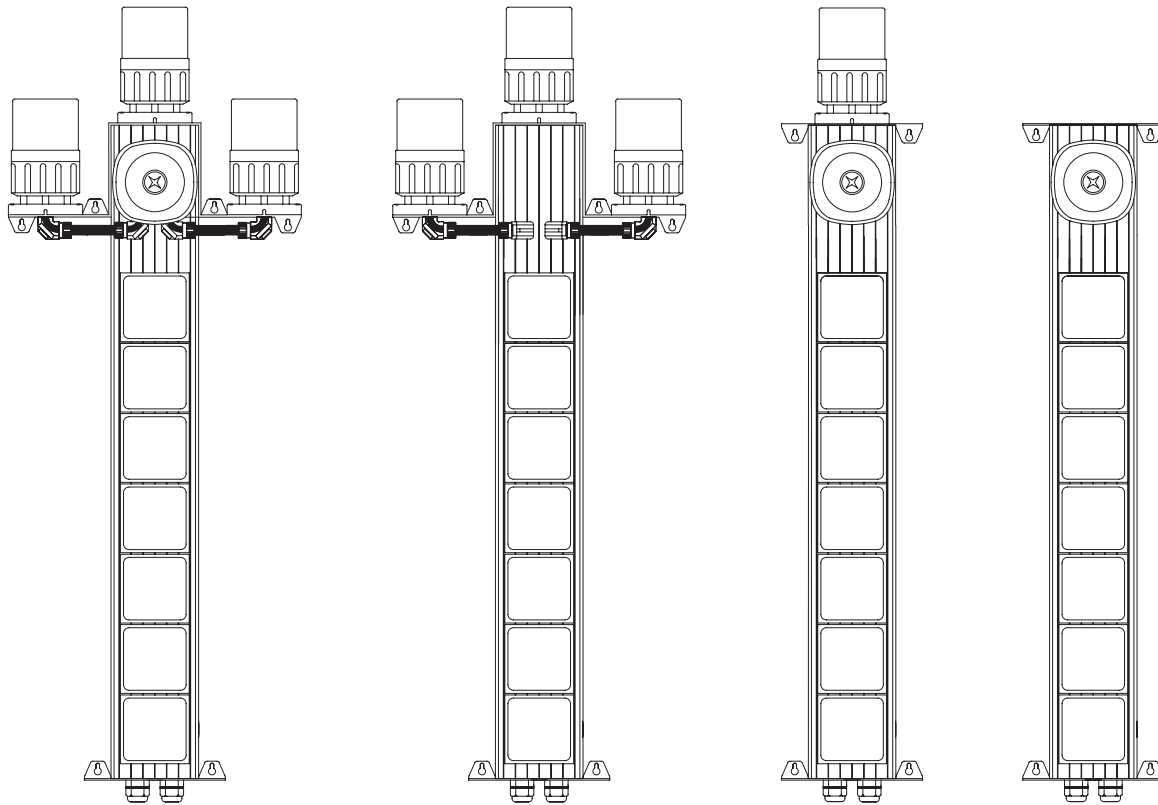
- Compact and esthetic design
- Easy installation
- Bulkhead or deckhead mount
- Plug-an-play inline connection
- Optional siren and beacon combinations
- All aluminium housing
- RAL 9001 or RAL 7035 colour options
- Conform with SOLAS/IMO requirements Resolution A.686(17)



#### TECHNICAL SPECIFICATIONS

|                   |                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------|
| Power             | 24VDC                                                                                                    |
| Power consumption | · 2x5W bulb for each indicator · 32mA for 106dB siren<br>· 300mA for each beacon · 240mA for 120dB siren |
| Power Protection  | external max 10A circuit breaker                                                                         |
| IP Class          | IP44                                                                                                     |
| Temperature Range | -10 °C / +50 °C (14° / 122° Fahrenheit)                                                                  |
| Profile Material  | Aluminium                                                                                                |
| Cable Inputs      | Cable glands (polyamide)                                                                                 |
| Wiring            | Wago inline connector ; 0,75 - 2,5mm2                                                                    |
| Protective Earth  | Yellow - Green earth cable with 6.3 TAP terminal (must be connected to the ship's reference potential)   |
| Mounting          | Bulkhead or deckhead mount                                                                               |





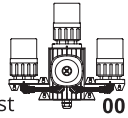
**SK2** - **07** - **24V** - **01** - **H** - **02** - **111** - **01** - **P16** - **P21** - **B0**

## Series

- SK1 : Indicator Lamp Only
- SK2 : Indicator Lamps  
Beacons  
Siren

## Indicator Lamp Quantity

- 00 : no indicator
- 01 : 1 pcs
- 02 : 2 pcs
- 03 : 3 pcs
- 04 : 4 pcs
- 05 : 5 pcs
- 06 : 6 pcs
- 07 : 7 pcs
- \*more lamp qty up to request



## Voltage

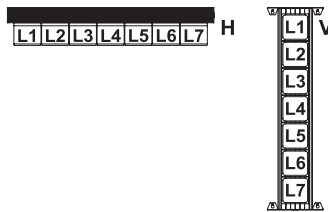
- 24V : 24VDC

## Bulb

- 01 : Osram Festoon 5W Bulb

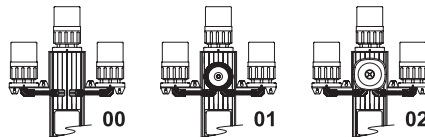
## Mounting

- V : Vertical - Bulkhead
- H : Horizontal - Deckhead  
(only for SK1 series)



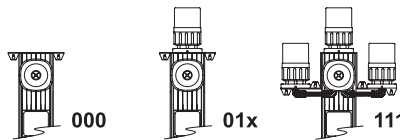
## Siren

- 00 : No Siren
- 01 : 106dB
- 02 : 120dB



## Beacons

- 000 : No beacons
- 01R : Single Beacon Red
- 01G : Single Beacon Green White
- 01O : Single Beacon Orange
- 111 : Tree beacon
  - \* Red
  - \* Green-White
  - \* Orange



## Profile Colour

- 01 : RAL9001
- 02 : RAL7035
- \*Other RAL colours up to request

## Cable Gland-1 Size

- P11 : PG11
- P13 : PG13.5
- P16 : PG16
- P21 : PG21

\*Other type cable glands up to request

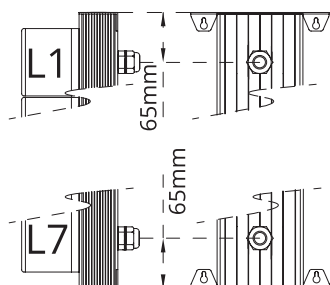
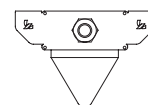
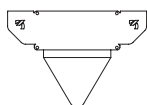
## Cable Gland-2 Size

- 000 : No Cable Gland-2
- P11 : PG11
- P13 : PG13.5
- P16 : PG16
- P21 : PG21
- \* Other type cable glands up to request

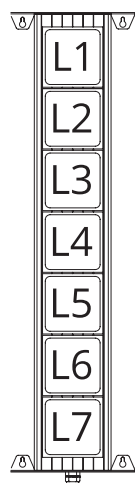
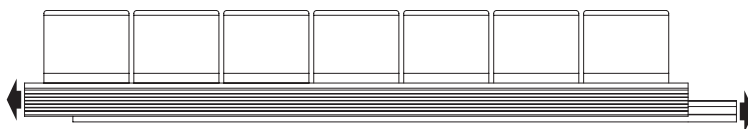
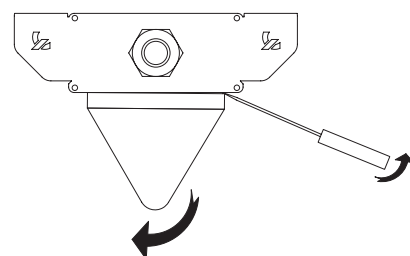
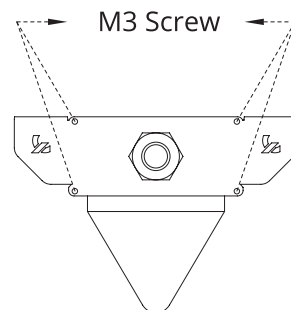
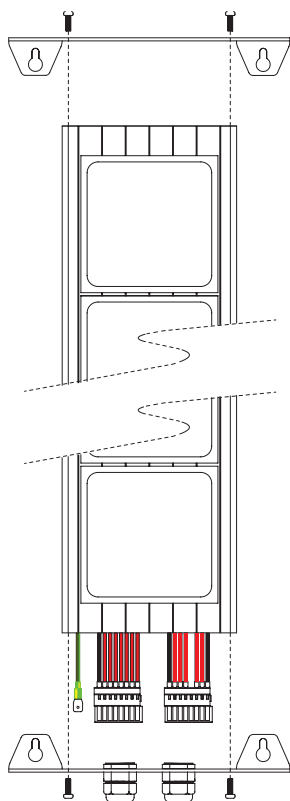
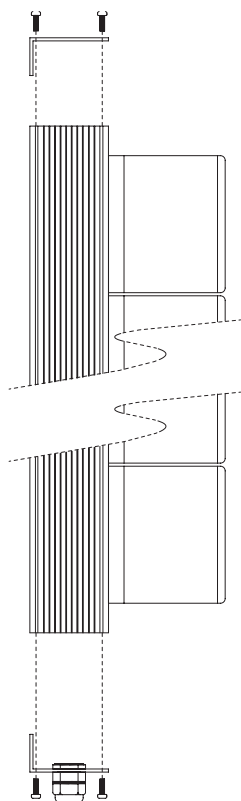
## Cable Gland Positions

- T0 : TOP
- TB : UPPER BACK
- BB : LOWER BACK
- B0 : BOTTOM

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
|    |    |    |    |    |    |    |
| L1 | L2 | L3 | L4 | L5 | L6 | L7 |



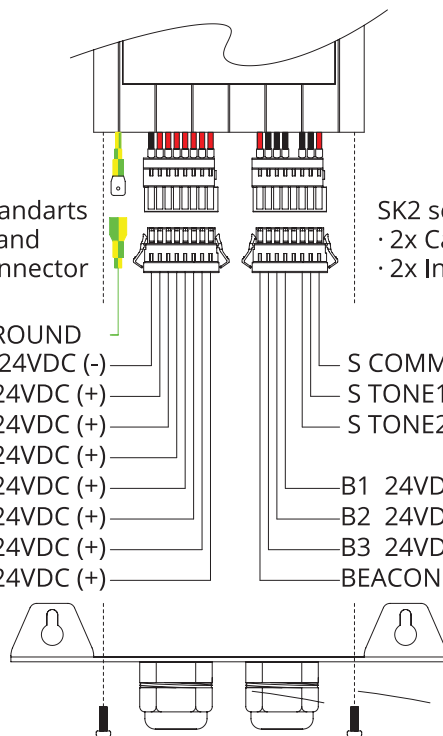
Technical drawings of a two-lane bridge deck. The top view shows a rectangular deck with two lanes labeled L1 and L2. The cross-sections show the deck's profile, including the top surface, the internal structure, and the bottom reinforcement. The cross-sections are labeled L1 and L2, corresponding to the lanes. The top view is labeled TOP and T0.



SK1 Series

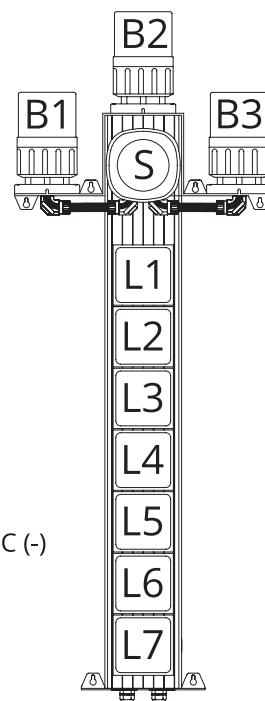
SK1 series standards  
· 1x Cable Gland  
· 1x Inline connector

GROUND  
LAMP GROUP COMM. 24VDC (-)  
L7 24VDC (+)  
L6 24VDC (+)  
L5 24VDC (+)  
L4 24VDC (+)  
L3 24VDC (+)  
L2 24VDC (+)  
L1 24VDC (+)

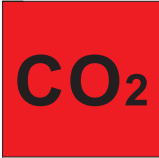


SK2 series standards  
· 2x Cable Gland  
· 2x Inline connector

S COMM. 24VDC (+)  
S TONE1 24VDC (-)  
S TONE2 24VDC (-)  
B1 24VDC (+)  
B2 24VDC (+)  
B3 24VDC (+)  
BEACON LTs. COMM. 24VDC (-)



SK2 Series

|                                                                                     |                                         |                                                                                     |                                              |                                                                                       |                                      |
|-------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------|
|    | SKL-01<br>GENERAL ALARM<br>(CREW)       |    | SKL-21<br>FIRE ALARM                         |    | SKL-41<br>BILGE ALARM                |
|    | SKL-02<br>GENERAL ALARM<br>(PASSENGERS) |    | SKL-22<br>FIRE ALARM<br>IN MACHINERY         |    | SKL-42<br>MAN OVER<br>BOARD ALARM    |
|    | SKL-03<br>ABANDON SHIP<br>ALARM         |    | SKL-23<br>CO2 ALARM                          |    | SKL-43<br>WATCH ALARM<br>ENGINE ROOM |
|    | SKL-04<br>RESCUE BOAT                   |    | SKL-24<br>NOVEC ALARM                        |    | SKL-44<br>WATCH ALARM                |
|   | SKL-05<br>LIFERAFT                      |   | SKL-25<br>MX1230 ALARM                       |   | SKL-45<br>DEADMAN<br>ALARM           |
|  | SKL-11<br>ENGINE<br>TELEGRAPH           |  | SKL-26<br>FM200                              |  | SKL-46<br>GAS<br>DETECTION<br>ALARM  |
|  | SKL-12<br>INTERCOM                      |  | SKL-27<br>HI FOG ALARM                       |  | SKL-47<br>SPRINKLER<br>ALARM         |
|  | SKL-13<br>TELEPHONE<br>CALL             |  | SKL-28<br>WATER MIST<br>ALARM                |  | SKL-48<br>MACHINERY<br>ALARM         |
|  | SKL-14<br>SPT CALL                      |  | SKL-29<br>HALON ALARM                        |  | SKL-49<br>ENGINE ALARM               |
|                                                                                     |                                         |  | SKL-30<br>CHLORINE<br>GAS DETECTION<br>ALARM |  | SKL-50<br>STEERING ALARM             |

\* Other indicator lamp symbols  
to customers requirements

## BEACONS

- Colours : Red & White-Green & Orange
- Power : 24VDC / Power Led
- Power Consumption : Total 300mA/@ flash
- Flash : 1Hz
- IP Class : IP 65
- Housing Material : ABS



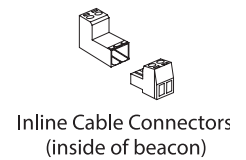
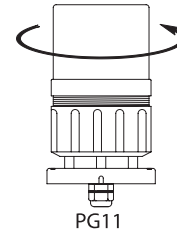
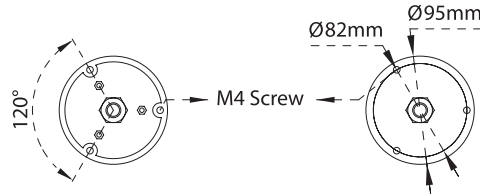
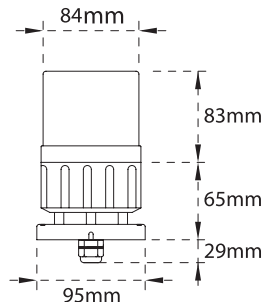
SKB-RD01



SKB-WG01



SKB-OR01



## SIRENS



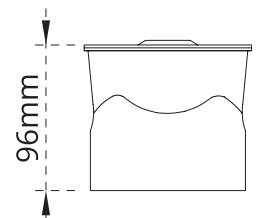
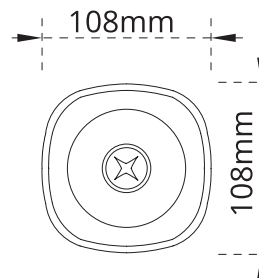
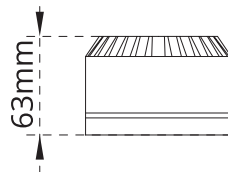
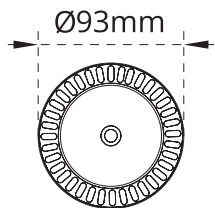
SKS-R106

- Voltage : 18-28VDC
- Current : 32mA max
- Sound output : 106dB
- Tones :32
- Second tone input for two stage alarms
- Volume control : 20dB
- Temperature : -25°C to 70°C
- Protection : IP54C
- Constuction: ABS
- Colour: Red



SKS-R120

- Voltage : 18-28VDC
- Current : 240mA max
- Sound output : 120dB
- Tones :32
- Second tone input for two stage alarms
- Volume control : 20dB
- Temperature : -10°C to 55°C
- Protection : IP21C
- Constuction: ABS
- Colour: Red



## SPARE PARTS



SKP-T101  
Indicator Lamp



SKB-F101  
Osram Festoon Bulb 24V/5W



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