SEA series

Ø150mm Explosion Proof Warning/ Signal Lights

IP66 -40~+60℃

SEALR

SEAL

Common Specifications(SEALR/ SEAL/ SEAS/ SEA)

- Large explosion proof warning/ signal lights with excellent visibility for long distance
- A variety of light source selections from bulb, LED, and xenon lamp
- Aluminum housing provides excellent durability
- Fully enclosed structure with protection rating of IP66
- Integrated housing and terminal box model
- Housing standard color : MUNSELL No. 7.5BG 7/2
- Cable entry : 1/2″ NPT
- Materials : Lens-Tempered glass, Inner lens-PC, Housing-Al, Protection cage-STS 316L, Reflector for LED type-PC/ Reflector for bulb type-Heat resistant ABS
- Certificates : IECEx, ATEX, NEPSI, ABS, CCS, KR
- Explosive protection rating :
  IECEx - Ex d IIC T6 Gb, IP66
  ATEX - Ⓔx II2G Ex d IIC T6, IP66
  NEPSI, KIMM, KOSHA - Ex d IIC T6, IP66
- Ambient operating temperature : -40°C ≤ T_{amb} ≤ +60°C

SEALR LED Revolving Warning Light

- Excellent omni-directional visibility with LED light collecting system and special multifaceted reflector
- Revolving speed : 120-140RPM

Model number	Voltage	Current	Certificates	Weight	Color
SEALR	DC12V	0.183A	IECEx ATEX NEPSI KCs CCS	5.33kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	DC24V	0.127A		5.33kg	
	AC110V	0.035A		5.74kg	
	AC220V	0.017A		5.74kg	

SEAL LED Steady/ Flashing Signal Light

- Long-lasting high intensity LED light source
- Suitable for applications where bulb replacement is difficult
- Built in switch for steady/flashing selection
- Flashing rate : 60-80 flashes/min

Model number	Voltage	Current	Certificates	Weight	Color
SEAL	DC12V-24V	Max.0.185A	IECEx ATEX NEPSI KCs CCS	4.87kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V	0.044A		5.25kg	
	AC220V	0.022A		5.25kg	

Flameproof warning/ signal lights applied in areas where combustible substances such as oil are carried in bulk on a vessel.

Customization

- Explosion proof cable gland attached type available (Standard type does not come with explosion proof cable gland)
- Customized 2 way cable entries
- Customized cable entry (3/4″ NPT, M20×1.5, M25×1.5) available
- ATEX certified type
- IECEx certified type

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SEAS

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SEAS Xenon Lamp Strobe Signal Light

- Lamp connector fastening structure allows for convenient lamp replacement
- High efficiency strobe light offers excellent visibility for long distances
- Flashing rate : 60-80 flashes/min

Model number	Voltage	Current	Bulb			Certificates	Weight	Color
			Spec	Standard	Parts no			
SEAS	DC12V -24V	Max. 1.001A	200V -550V	EUB0641 -1A(G) U Type	48	IECEx ATEX IA NEPSI KCs CCS	5.39kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V	0.135A					5.35kg	
	AC220V	0.105A					5.35kg	

SEA Bulb Revolving Warning Light

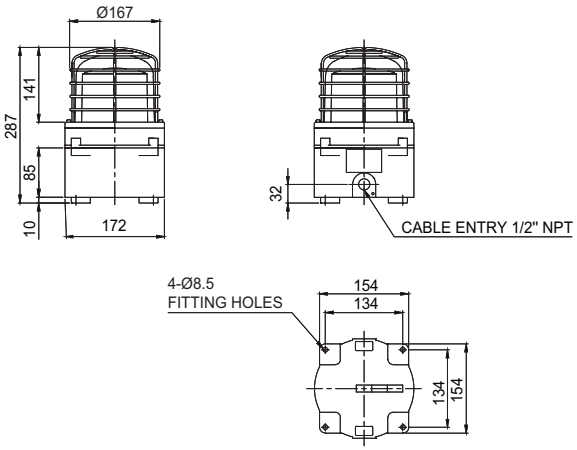
- Excellent diffusion effect with special multifaceted reflector
- Revolving speed : 120-140RPM

Model number	Voltage	Current	Bulb			Certificates	Weight	Color
			Spec	Standard	Parts no			
SEA	DC12V	1.545A	12V15W	G23 15S	17	IECEx ATEX IA NEPSI KCs CCS ABS	5.36kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	DC24V	0.766A	24V15W	G23 15S	18		5.36kg	
	AC110V	0.204A	12V15W	G23 15S	17		5.75kg	
	AC220V	0.102A	12V15W	G23 15S	17		5.75kg	

Technical Diagram

(Units : mm)

SEALR/ SEAL/ SEAS/ SEA



Ordering Specification

SEA	-	220	-	R
[Model number]		[Voltage]		[Color]
• SEALR • SEAL • SEAS • SEA		• 12-DC12V • 24-DC24V • 12/24-DC12V-24V (SEAL, SEAS only) • 110/220-AC110V-220V		● R-Red ● A-Amber ● G-Green ● B-Blue