



SturdiSignal™ Series

Blue Steering Light

Modular design allows for toolless maintenance at sea,
no electrician required

Safe and reliable illumination up to 2 nautical miles

Built in sensor continuously monitors LED brightness

Autonomous operation doubles the LED lifetime
for long lasting reliability

Suitable for inspected inland waterway and
blue water vessels greater than 20m

Designed and manufactured in the USA

Key Applications

Vessels greater than 20m in length
Barges

Compliances

ABS
IP68

Specifications

Construction	Marine grade, machined aluminum housing Seawater resistant
Finish	MIL-A-8625 Type 3 clear anodize
Driver	120-240 VAC 12-32 VDC
Lens	UV stabilized polycarbonate
Light source	High powered blue LED up to 3W 1 LED - single head 2 LEDs - double head (backup system/ autonomous operation/restricted visibility)
Visibility	up to 2NM (with restricted visibility setting)
Controls/ monitoring	Automatically notifies alarm panel when approaching end of life (50,000 hours)
Autonomous operation	Double head - 1 power input, alternates heads at start up to extend life. Restricted visibility feature turns on both heads simultaneously Monitors LED intensity and auto switches over if a head is non-compliant.
Ambient operating temperature	-40°C to + 50°C
Mounting	4-hole ½ inch King Starboard polymer plate 3 sizes (5.50 x 5.50 inch, 6.00 x 6.00 inch or 7.00 x 7.00 inch)
Cord/Plug	½ inch NPT cable gland
Operating lifetime	50,000 hours
Dimensions	2.2 lbs (1 kg) 6.00 inch (152.4 mm) height 3.50 inch (89 mm) diameter
Warranty	5 years

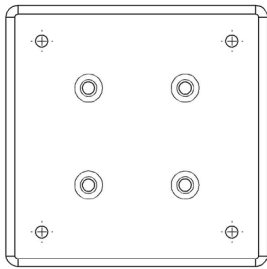
For IES files, see website or contact factory

Ordering Information

Example: SM-5113-SR1ACSN-XX

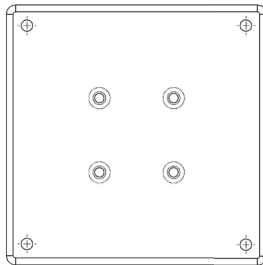
Fixture	Index No.	Model No.	Mounting Plate	Part Description	Description
SM	5113	SR1ACSN	XX	SM-5113-SR1DCSN	Steering 135° blue, 1 NM, AC, 1 input single head, no monitoring
SM	5213	SR1DCSN	XX	SM-5213-SR1DCSN	Steering 135° blue, 1 NM, DC, 1 input single head, no monitoring
SM	5313	SR1ACDN	XX	SM-5313-SR1ACDN	Steering 135° blue, 1 NM, AC, 2 inputs double head, no monitoring
SM	5413	SR1DCDN	XX	SM-5413-SR1DCDN	Steering 135° blue, 1 NM, DC, 2 inputs double head, no monitoring
SM	6813	SR1ACAM	XX	SM-6813-SR1ACAM	Steering 135° blue, 1 NM/2 NM, AC, 1 input double head, monitoring
SM	6913	SR1DCAM	XX	SM-6913-SR1DCAM	Steering 135° blue, 1 NM/2 NM, DC, 1 input double head, monitoring

Mounting (order separately)



5.50 Inch Mounting Plate

54 (5.50 inches, four mounting holes, 4.00 inch center)



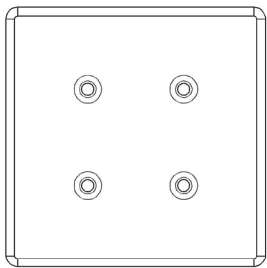
7.00 Inch Mounting Plate

76 (7.00 inches, four mounting holes, 6.00 inch center)



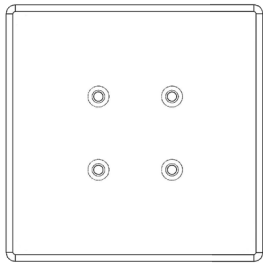
Pipe Mounting Plate

PM (3.00 inch pipe mounting, plates included)



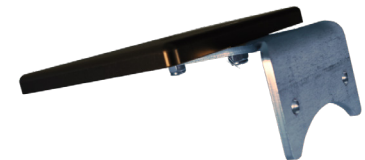
5.50 Inch Mounting Plate

5B (5.50 inches, no mounting holes, blank)



7.00 Inch Mounting Plate

7B (7.00 inches, no mounting holes, blank)



Vertical Mounting Plate

VM (vertical mounting, plates included)