

Installation and Operation Instructions

Narrow Series Warning Lighthouse Size 4

Specification

Input Voltage	10-30VDC@2A Fuse
Input Current	0.8 Amps max
Output Power	Single : LEDs* 6 Dual : LEDs* 12
Waterproof	IP67 / IP69



Important



User Manual

Recommend Operation Environment

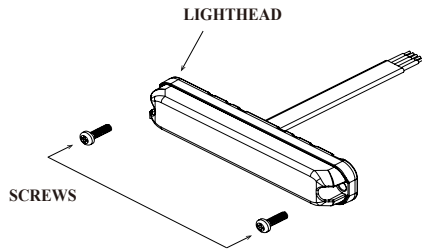
Ambient Temperature: -30 to 50°C

Relative Humidity: 10 to 85% , non-condensing

Caution:

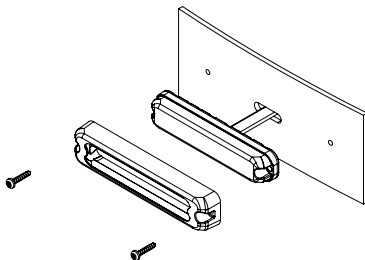
Please ensure that you scan the QR code from above and read all important notices before proceeding with any installation or operation. Failure to thoroughly read these instructions may result in potentially serious consequences.

Mounting

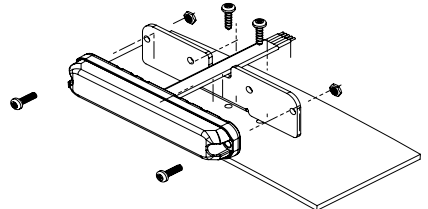


Wire	Single Color	Dual Color	
Red	Positive(+)	Mode 1(+)	Mode 3(+)
White	Steady Burn(+)	Mode 2(+)	
Black	Ground(-)		
Blue	Pattern Switch(-), Dimming(+)		
Yellow	Synchronization Function		

Surface Mount
With Bezels
(Optional)



L-Bracket
Mount
(Optional)



Operation Instruction

1. Apply BLUE wire TO NEGATIVE:

- Less than 1 second: Next Pattern
- Between 1-3 seconds: Previous Pattern
- Between 3-5 seconds: Factory Default Pattern
- More than 5 seconds: Last Pattern

2. Wire Function:

RED: Positive

WHITE: Positive

For Single: Steady Burn

For Dual: Mode 2

BLACK: Negative

BLUE:

Pattern Switch to Negative

Dimming to Positive

YELLOW: Synchronized Function

*Maximum of 8 pcs Size 4 Series can be synchronized.

3. Inspect the contents to be certain that the following items are included:

- A : Lighthead *1
- B : Screw *2
- C : Manual *1

Flash Pattern

Phase Operation

- Phase 1 (Ph1) flashes simultaneously with Phase 1 (Ph1)
- Phase 2 (Ph2) flashes simultaneously with Phase 2 (Ph2)
- Phase 1 (Ph1) flashes alternate with Phase 2 (Ph2)

Setting Synchronization:

- To synchronise multiple lightheads, set all lightheads to the same flash pattern type (see flash patterns below), then connect the yellow wires together.
- To alternate multiple lightheads, set one module to Ph1 flash pattern (see flash patterns below) and one module to Ph2 flash pattern, then connect the yellow wires together. Repeat for additional modules.

***To access the flash pattern chart, please scan the QR code provided above.
Alternatively, ensure you request the correct flash pattern chart through the channel from which you acquired this product.**

Flash Pattern

Pattern	Single Color	Dual Color			Patterns	
		Mode 1	Mode 2	Mode 3		
		Red Wire	White Wire	Red+White Wire		
1	1	1		1	Single 75FPM Ph1 Color 1	yes
	2	2		2	Single 75FPM Ph2 Color 1	yes
			1	3	Single 75FPM Ph1 Color 2	yes
			2	4	Single 75FPM Ph2 Color 2	yes
		3		5	Single 38FPM Ph1 Color 1 Alternately Color 2	yes
				6	Single 38FPM Ph2 Color 1 Alternately Color 2	yes
2			3	7	Single 38FPM Ph1 Color 2 Alternately Color 1	yes
	3	4		8	Single 120FPM Ph1 Color 1	yes
	4	5		9	Single 120FPM Ph2 Color 1	yes
			4	10	Single 120FPM Ph1 Color 2	yes
			5	11	Single 120FPM Ph2 Color 2	yes
		6		12	Single 60FPM Ph1 Color 1 Alternately Color 2	yes
3				13	Single 60FPM Ph2 Color 1 Alternately Color 2	yes
			6	14	Single 60FPM Ph1 Color 2 Alternately Color 1	yes
	5	7		15	Single 375FPM Ph1 Color 1	yes
	6	8		16	Single 375FPM Ph2 Color 1	yes
			7	17	Single 375FPM Ph1 Color 2	yes
			8	18	Single 375FPM Ph2 Color 2	yes
4		9		19	Single 187FPM Ph1 Color 1 Alternately Color 2	yes
				20	Single 187FPM Ph2 Color 1 Alternately Color 2	yes
			9	21	Single 187FPM Ph1 Color 2 Alternately Color 1	yes
	7	10		22	Double 75FPM Ph1 Color 1	yes
	8	11		23	Double 75FPM Ph2 Color 1	yes
			10	24	Double 75FPM Ph1 Color 2	yes
5			11	25	Double 75FPM Ph2 Color 2	yes
		12		26	Double 38FPM Ph1 Color 1 Alternately Color 2	yes
				27	Double 38FPM Ph2 Color 1 Alternately Color 2	yes
			12	28	Double 38FPM Ph1 Color 2 Alternately Color 1	yes
	9	13		29	Double 120FPM Ph1 Color 1	yes
	10	14		30	Double 120FPM Ph2 Color 1	yes
6			13	31	Double 120FPM Ph1 Color 2	yes
			14	32	Double 120FPM Ph2 Color 2	yes
		15		33	Double 60FPM Ph1 Color 1 Alternately Color 2	yes
				34	Double 60FPM Ph2 Color 1 Alternately Color 2	yes
			15	35	Double 60FPM Ph1 Color 2 Alternately Color 1	yes
		11		36	Triple 75FPM Ph1 Color 1	yes
7	11	16		36	Triple 75FPM Ph1 Color 1	yes
	12	17		37	Triple 75FPM Ph2 Color 1	yes
			16	38	Triple 75FPM Ph1 Color 2	yes
			17	39	Triple 75FPM Ph2 Color 2	yes
		18		40	Triple 38FPM Ph1 Color 1 Alternately Color 2	yes
				41	Triple 38FPM Ph2 Color 1 Alternately Color 2	yes
8			18	42	Triple 38FPM Ph1 Color 2 Alternately Color 1	yes
	13	19		43	Triple 120FPM Ph1 Color 1	yes
	14	20		44	Triple 120FPM Ph2 Color 1	yes
			19	45	Triple 120FPM Ph1 Color 2	yes
			20	46	Triple 120FPM Ph2 Color 2	yes
		21		47	Triple 60FPM Ph1 Color 1 Alternately Color 2	yes
9				48	Triple 60FPM Ph2 Color 1 Alternately Color 2	yes
			21	49	Triple 60FPM Ph1 Color 2 Alternately Color 1	yes
	15	22		50	Quad 75FPM Ph1 Color 1	yes
	16	23		51	Quad 75FPM Ph2 Color 1	yes
			22	52	Quad 75FPM Ph1 Color 2	yes
			23	53	Quad 75FPM Ph2 Color 2	yes
10		24		54	Quad 38FPM Ph1 Color 1 Alternately Color 2	yes
				55	Quad 38FPM Ph2 Color 1 Alternately Color 2	yes
			24	56	Quad 38FPM Ph1 Color 2 Alternately Color 1	yes
	17	25		57	Quad 150FPM Ph1 Color 1	yes
	18	26		58	Quad 150FPM Ph2 Color 1	yes
			25	59	Quad 150FPM Ph1 Color 2	yes
11			26	60	Quad 150FPM Ph2 Color 2	yes
		27		61	Quad 75FPM Ph1 Color 1 Alternately Color 2	yes
				62	Quad 75FPM Ph2 Color 1 Alternately Color 2	yes
			27	63	Quad 75FPM Ph1 Color 2 Alternately Color 1	yes
	19	28		64	ICAO CAP168 Color1	yes
			28	65	ICAO CAP168 Color2	yes
11	20			66	Modulation	no
	21	29		67	Steady Burn Color 1	no
			29	68	Steady Burn Color 2	no