Installation and Operation Instructions
Narrow Series Warning Lighthead Size 4

Specification

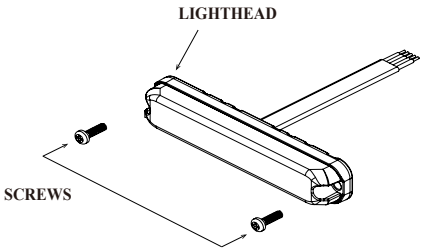
Input Voltage	10-30VDC@2A Fuse
Input Current	0.8 Amps max
Output Power	Single : LEDs* 6 Dual : LEDs* 12
Waterproof	IP67 / IP69

Recommend Operation Environment
Ambient Temperature: -30 to 50℃
Relative Humidity: 10 to 85% , non-condensing

Please make sure to request a safety notice from the seller or installer for safety purposes.

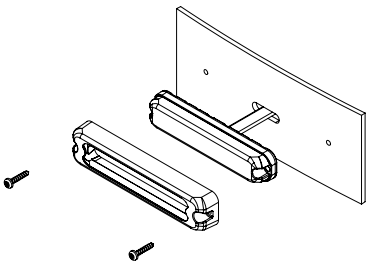
Caution:
Please ensure that you scan the QR code from above and read all important notices before proceeding with any installation or operation. Failure to thoroughly read these instructions may result in potentially serious consequences.

Mounting

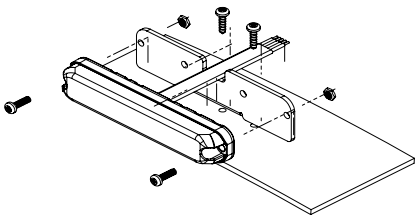


Wire	Single Color	Dual Color	
Red	Positive(+)	Mode 1(+)	Mode 3(+)
White	Steady Burn(+)	Mode 2(+)	
Black	Ground(-)		
Blue	Pattern Switch(-), Dimming(+)		
Yellow	Synchronization Funcotion		
	Compatible to work with External Flasher(-)		

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 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.**

Pattern ChartDual							
Single Color		Dual Color					
		Mode 1 or Mode2		Mode 3			
Pattern#	reg.	Pattern#	reg.	Pattern#	reg.	Pattern#	reg.
01. Single 75FPM Phase1 -Default	S , C	01. Single 75FPM Phase1 -Default	S , C	01. Single 75FPM Ph1 Color 1-Default	S , C	36. Triple 75FPM Ph1 Color 1	S , C
02. Single 75FPM Phase2	S , C	02. Single 75FPM Phase2	S , C	02. Single 75FPM Ph2 Color 1	S , C	37. Triple 75FPM Ph2 Color 1	S , C
03. Single 120FPM Phase1	S , E	03. Single 38FPM Alt.		03. Single 75FPM Ph1 Color 2	S , C	38. Triple 75FPM Ph1 Color 2	S , C
04. Single 120FPM Phase2	S , E	04. Single 120FPM Phase1	S , E	04. Single 75FPM Ph2 Color 2	S , C	39. Triple 75FPM Ph2 Color 2	S , C
05. Single 375FPM Phase1		05. Single 120FPM Phase2	S , E	05. Single 38FPM Ph1 Color 1 Alt. Color 2		40. Triple 38FPM Ph1 Color 1 Alt. Color 2	
06. Single 375FPM Phase2		06. Single 60FPM Alt.		06. Single 38FPM Ph2 Color 1 Alt. Color 2		41. Triple 38FPM Ph2 Color 1 Alt. Color 2	
07. Double 75FPM Phase1	S , C	07. Single 375FPM Phase1		07. Single 38FPM Ph1 Color 2 Alt. Color 1		42. Triple 38FPM Ph1 Color 2 Alt. Color 1	
08. Double 75FPM Phase2	S , C	08. Single 375FPM Phase2		08. Single 120FPM Ph1 Color 1	S , E	43. Triple 120FPM Ph1 Color 1	S
09. Double 120FPM Phase1	S , E	09. Single 180FPM Alt.		09. Single 120FPM Ph2 Color 1	S , E	44. Triple 120FPM Ph2 Color 1	S
10. Double 120FPM Phase2	S , E	10. Double 75FPM Phase1	S , C	10. Single 120FPM Ph1 Color 2	S , E	45. Triple 120FPM Ph1 Color 2	S
11. Triple 75FPM Phase1	S , C	11. Double 75FPM Phase2	S , C	11. Single 120FPM Ph2 Color 2	S , E	46. Triple 120FPM Ph2 Color 2	S
12. Triple 75FPM Phase2	S , C	12. Double 38FPM Alt.		12. Single 60FPM Ph1 Color 1 Alt. Color 2		47. Triple 60FPM Ph1 Color 1 Alt. Color 2	
13. Triple 120FPM Phase1	S	13. Double 120FPM Phase1	S , E	13. Single 60FPM Ph2 Color 1 Alt. Color 2		48. Triple 60FPM Ph2 Color 1 Alt. Color 2	
14. Triple 120FPM Phase2	S	14. Double 120FPM Phase2	S , E	14. Single 60FPM Ph1 Color 2 Alt. Color 1		49. Triple 60FPM Ph1 Color 2 Alt. Color 1	
15. Quad 75FPM Phase1	S , C	15. Double 60FPM Alt.		15. Single 375FPM Ph1 Color 1		50. Quad 75FPM Ph1 Color 1	S , C
16. Quad 75FPM Phase2	S , C	16. Triple 75FPM Phase1	S	16. Single 375FPM Ph2 Color 1		51. Quad 75FPM Ph2 Color 1	S , C
17. Quad 150FPM Phase1	S	17. Triple 75FPM Phase2	S	17. Single 375FPM Ph1 Color 2		52. Quad 75FPM Ph1 Color 2	S , C
18. Quad 150FPM Phase2	S	18. Triple 38FPM Alt.		18. Single 375FPM Ph2 Color 2		53. Quad 75FPM Ph2 Color 2	S , C
19. ICAO CAP168		19. Triple 120FPM Phase1		19. Single 180FPM Ph1 Color 1 Alt. Color 2		54. Quad 38FPM Ph1 Color 1 Alt. Color 2	
20. Modulation		20. Triple 120FPM Phase2		20. Single 180FPM Ph2 Color 1 Alt. Color 2		55. Quad 38FPM Ph2 Color 1 Alt. Color 2	
21. Steady Burn		21. Triple 60FPM Alt.		21. Single 180FPM Ph1 Color 2 Alt. Color 1		56. Quad 38FPM Ph1 Color 2 Alt. Color 1	
SAE J595 (S) CA T13 (C) ECE R65 (E)		22. Quad 75FPM Phase1	S	22. Double 75FPM Ph1 Color 1	S , C	57. Quad 150FPM Ph1 Color 1	S
		23. Quad 75FPM Phase2	S	23. Double 75FPM Ph2 Color 1	S , C	58. Quad 150FPM Ph2 Color 1	S
		24. Quad 38FPM Alt.		24. Double 75FPM Ph1 Color 2	S , C	59. Quad 150FPM Ph1 Color 2	S
		25. Quad 150FPM Phase1		25. Double 75FPM Ph2 Color 2	S , C	60. Quad 150FPM Ph2 Color 2	S
		26. Quad 150FPM Phase2		26. Double 38FPM Ph1 Color 1 Alt. Color 2		61. Quad 75FPM Ph1 Color 1 Alt. Color 2	
		27. Quad 75FPM Alt.		27. Double 38FPM Ph2 Color 1 Alt. Color 2		62. Quad 75FPM Ph2 Color 1 Alt. Color 2	
		28. ICAO CAP168		28. Double 38FPM Ph1 Color 2 Alt. Color 1		63. Quad 75FPM Ph1 Color 2 Alt. Color 1	
		29. Steady Burn		29. Double 120FPM Ph1 Color 1	S , E	64. ICAO CAP168 Color1	
		Synchronization is only possible when both are set to the same flash frequency.		30. Double 120FPM Ph2 Color 1	S , E	65. ICAO CAP168 Color2	
				31. Double 120FPM Ph1 Color 2	S , E	66. Modulation	
				32. Double 120FPM Ph2 Color 2	S , E	67. Steady Burn Color 1	
				33. Double 60FPM Ph1 Color 1 Alt. Color 2		68. Steady Burn Color 2	
				34. Double 60FPM Ph2 Color 1 Alt. Color 2			
				35. Double 60FPM Ph1 Color 2 Alt. Color 1			