

TOMAR

RECT-14LS iLED™

IS0534-00
01-12-2010

TOMAR Intelligent LED Series
LED with programmable internal FLASHER

INSTRUCTION SHEET

TOMAR iLED™ series RECT-14LS dual channel LED warning lamp. Features 41 programmable flash patterns and synchronization with the following lamp sizes: 2" x 5", 3" x 7", 4" x 6" and 7" x 9".

WIRES

RED +12VDC to activate
BLACK Connect to Chassis GROUND
WHITE Flash Pattern Selection & Sync Line

ELECTRICAL

Input Voltage: 12VDC only
Complete installation with wire rated for 125% of amperage draw

MOUNTING

Qty 2 - #6 Screws

CURRENT DRAW - in Steadyburn Mode @ 12vdc

RECT-14LS 0.4 Amps

SELECTING FLASH PATTERNS

With the WHITE wire shorted to +12vdc, turn the unit on. Continue to apply +12vdc to the WHITE wire for at least 2 seconds. All LEDs will flash 3 times to indicate you have entered flash pattern selection mode. While maintaining power, remove the WHITE wire from +12vdc and the unit will operate in the currently selected flash pattern.

CYCLE FORWARD

Intermittently short the WHITE wire once to +12vdc then release.
Repeat until the desired pattern is selected.

CYCLE BACKWARD

Intermittently short the WHITE wire twice to +12vdc in less than one second.
Repeat until the desired pattern selected.

TO RESET PATTERN #1

Apply +12vdc to the WHITE wire for at least 3 seconds then release. All LEDs will flash 2 times to indicate that you have reset the flash pattern selection to pattern # 1.

SYNCHRONIZE iLED™ WARNING LAMPS

To synchronize, first select a flash pattern and program each lamp to the same flash pattern. Unpredictable results will occur if synchronized lamps have different flash patterns selected. Connect the WHITE or YELLOW sync wires of up to qty 10 synchronizable iLED™ lamps. The 7x9 lamps are equivalent to 2 lamp units, when determining the number of lamps to synchronize. Do not exceed 100 feet of wire between the furthest synchronized units. For best results connect the BLACK lead to Chassis Ground.

TOMAR Electronics, Inc.

2100 West Obispo
Gilbert, Arizona 85233

(480) 497-4400 (800) 338-3133

FAX (480) 497-4416 (800) 688-6627

E-mail: sales@tomar.com www.tomar.com

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SELECTABLE FLASH PATTERNS

1. Neobe 150 FPM alternating (Factory Setting)
2. Neobe 150 FPM simultaneous [Phase 0]
3. Neobe 150 FPM combo (2 cycles alt + 2 cycles sim)
4. Neobe 150 FPM California steady (half 150 FPM, half steady)
5. Neobe 150 FPM simultaneous [Phase 1]
6. Neobe 75 FPM alternating
7. Neobe 75 FPM simultaneous [Phase 0]
8. Neobe 75 FPM combo (2 cycles alt + 2 cycles sim)
9. Neobe 75 FPM California steady (half 75 FPM, half steady)
10. Neobe 75 FPM simultaneous [Phase 1]
11. Double flash 250 FPM alternating
12. Double flash 250 FPM simultaneous [Phase 0]
13. Double flash 250 FPM combo (2 cycles alt + 2 cycles sim)
14. Double flash 250 FPM California steady (half 250 FPM, half steady)
15. Double flash 250 FPM simultaneous [Phase 1]
16. Double flash 125 FPM alternating
17. Double flash 125 FPM simultaneous [Phase 0]
18. Double flash 125 FPM combo (2 cycles alt + 2 cycles sim)
19. Double flash 125 FPM California steady (half 125 FPM, half steady)
20. Double flash 125 FPM simultaneous [Phase 1]
21. Single flash 375 FPM alternating
22. Single flash 375 FPM simultaneous [Phase 0]
23. Single flash 375 FPM combo (2 cycles alt + 2 cycles sim)
24. Single flash 375 FPM California steady (half 375 FPM, half steady)
25. Single flash 375 FPM simultaneous [Phase 1]
26. Single flash 150 FPM alternating
27. Single flash 150 FPM simultaneous [Phase 0]
28. Single flash 150 FPM combo (2 cycles alt + 2 cycles sim)
29. Single flash 150 FPM California steady (half 150 FPM, half steady)
30. Single flash 150 FPM simultaneous [Phase 1]
31. Single flash 75 FPM alternating
32. Single flash 75 FPM simultaneous [Phase 0]
33. Single flash 75 FPM combo (2 cycles alt + 2 cycles sim)
34. Single flash 75 FPM California steady (half 75 FPM, half steady)
35. Single flash 75 FPM simultaneous [Phase 1]
36. Neobe 150 FPM Steady Flicker
37. Neobe 75 FPM Steady Flicker
38. Steady burn
39. Multi flash 1 (Patterns 1, 12, 21, 2)
40. Multi flash 2 (Patterns 6, 17, 26, 32)
41. Demo Mode (sequences through patterns # 1 - # 38)

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