



FEATURES

- Horizon 6 Optics, Super Low Profile with unbeatable seamless output.
- Individual lighthouse meets and approved for ECE R65.
- New Q-Lock™ Mechanism provides a tool-free, quick releasing of lighthoods for quick and easy replacement of lighthoods. Clear colour for seamless output.
- Dual warning memory for instant switch between flash patterns.
- Steady Burn mode as Full Flood or Scene light.
- End Flasher mode for concurrent Traffic Advising and Warning.
- Available from 2 to 10 Lighthouse configuration.
- 12~24VDC multi-voltage design.
- Solid Aluminium extrusion for heat dissipation.
- Non-volatile memory recalls last flash pattern used at power up.
- Reverse polarity protection.

SPECIFICATIONS

Compliance: ECE R65 (XA1, XB1 or XR1), ECE R10, SAE J595, CA Title 13, CISPR 25, IPX7

Operating Voltage: 12~24VDC

No. of Flash Patterns: 50 Warning / 11 Traffic Arrows

LED Elements: 6 LED / Lighthouse

Wires:

Traffic Advisor Warning Stick

Power Wire +VDC x 1: 300cm (0.75mm² / 18AWG)
Power Wire -GND x 1: 300cm (0.75mm² / 18AWG)
Function Wire x 6: 300cm (0.25mm² / 24AWG)

Warning Stick

Power Wire +VDC x 1: 300cm (0.75mm² / 18AWG)
Power Wire -GND x 1: 300cm (0.75mm² / 18AWG)
Function Wire x 4: 300cm (0.25mm² / 24AWG)

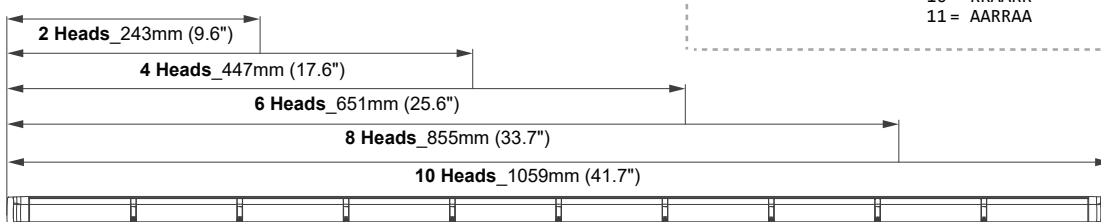
Storage Temp.: -40°C to +75°C

Working Temp.: -30°C to +65°C

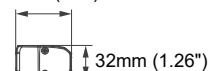
LED Colour: Red, Blue, Amber or White

Lens Colour: Clear

DIMENSIONS



53.4mm (2.1'')



Current & Fuse Rating (12VDC/24VDC, varies with flash pattern):

		Avg. Current	Max. Current	Fuse Rating
Warning Stick	2 Heads	0.86A/0.43A	1.72A/0.86A	2.0A/1.0A
	4 Heads	1.72A/0.86A	3.44A/1.72A	4.0A/2.0A
Traffic Advisor Warning Stick	6 Heads	2.58A/1.29A	5.16A/2.58A	6.0A/3.0A
	8 Heads	3.44A/1.72A	6.88A/3.44A	7.5A/4.0A
	10 Heads	4.30A/2.15A	8.60A/4.30A	10.0A/5.0A

Power:

		Avg. Power	Max. Power
Warning Stick	2 Heads	10.3W	20.6W
	4 Heads	20.6W	41.2W
Traffic Advisor Warning Stick	6 Heads	30.9W	61.8W
	8 Heads	41.2W	82.4W
	10 Heads	51.5W	103W

PART NO.

Warning Stick Model

- **E011-24xyy-00R** (2-Heads, SAE)
- **E011-23xyy-00R** (2-Heads, ECE R65)*
- **E011-44xyy-00R** (4-Heads, SAE)
- **E011-43xyy-00R** (4-Heads, ECE R65)*

Traffic Advisor Model

- **E011-64xyy-00R** (6-Heads, SAE)
- **E011-63xyy-00R** (6-Heads, ECE R65/R10)
- **E011-84xyy-00R** (8-Heads, SAE)
- **E011-83xyy-00R** (8-Heads, ECE R65/R10)
- **E011-04xyy-00R** (10-Heads, SAE)
- **E011-03xyy-00R** (10-Heads, ECE R65/R10)

* On special order w/ extra lead time.

Replace x for mounting options:

- 0 = Without Bracket
- 1 = Mini L-Bracket
- 2 = L-Bracket
- 3 = Surface Bracket

Replace yy for Colour:

All Model

- 01 = BLUE
- 02 = RED
- 03 = AMBER
- 05 = WHITE

2-Heads Model

- 04 = RB
- 06 = AW
- 07 = RW
- 08 = BW

4-Heads Model

- 04 = RRBB
- 06 = AAww
- 07 = RRww
- 08 = BBww

6-Heads Model

- 04 = RRRBBB
- 06 = AAAwww
- 07 = RRRwww
- 08 = BBBwww
- 09 = AWAwww
- 10 = RRAARR
- 11 = AARRAA

8-Heads Model

- 04 = RRRRBBBB
- 06 = AAAAwww
- 07 = RRRRwww
- 08 = BBBBwww
- 09 = BAAAAAAB
- 10 = BBBBAAAA
- 11 = RAAAAAAB
- 12 = WAAAAAWW
- 13 = RAAAAAAR
- 14 = AWAwww

10-Heads Model

- 04 = RRRRRBBBBB
- 06 = AAAAAwww
- 07 = RRRRRwww
- 08 = BBBBwww
- 09 = BAAAAAAB
- 10 = BAAAAAAB
- 11 = BRBRBRBR
- 12 = AWAwww

NOTE: for other configurations, please contact your sales representative.

MOUNTING OPTIONS & ACCESSORY

01090116
Mini L-Bracket



01090222
L-Bracket



01090246
Adjustable-Bracket



01090253
Surface Bracket



12050024
Multi-purpose 6-Button
Switch w/ LED indicator



12060016
Multi-purpose 8-Button
Switch w/ LED indicator



FLASH PATTERN

Flash Pattern			
1	All	Random/Custom	
2	All	Double	[R65] [#]
3	All	Single	[2Hz]
4	All	Triple	[2Hz]
5	All	Quad	[2Hz]
6	All	Steady / Scene	
7	All	Single	[SAE, CA13]
8	All	Double	[SAE]
9	All	Mega	
10	All	Ultra	[SAE]
11	All	Single-Quad	
12	All	Single H/L	
13	All	Single-Triple-Quint	
14	Left Right Split	Single	[SAE, CA13]
15	Left Right Split	Double	[SAE]
16	Left Right Split	Mega	
17	Left Right Split	Ultra	[SAE]
18	Side-by-Side Split	Single	[SAE, CA13]
19	Side-by-Side Split	Double	[SAE]
20	Side-by-Side Split	Mega	
21	Side-by-Side Split	Ultra	[SAE]
22	Outside-in Split	Single	[SAE, CA13]
23	Outside-in Split	Double	[SAE]
24	Outside-in Split	Mega	
25	Outside-in Split	Ultra	[SAE]
26	All	Scan	
27	Split	Scan	
28	Left Right Split	Single Mid	
29	Left Right Split	Double-Single	
30	Left Right Split	Triple-Single	
31	Left Right Split	Quad-Single	
32	Left Right Split	Single H/L II	
33	Left Right Split	Double-Blast	
34	Left Right Split	Swing I	
35	Left Right Split	Triple-Blast	
36	Left Right Split	Swing II	
37	Left Right Split	Swing III	
38	Left Right Split	Triple H/L	
39	Side-by-Side Split	Single Fast	
40	Side-by-Side Split	Quad Fast	
41	Side-by-Side Split	Double Fast	
42	Side-by-Side Split	Quad-Double	
43	Side-by-Side Split	Quad-Scan-Blast	
44	Side-by-Side Split	Mega X *	
45	Composit	All Scan-Split Scan	
46	Composit	Triple-Scan	
47	Composit	Single-Scan-Blast	
48	Composit	Solid Scan *	
49	Composit	Solid Scan-Mega *	
50	Composit	Solid San-Blast *	

Traffic Arrow Patterns

1	Sweep Single
2	Sweep Double
3	Sweep Triple
4	Sweep 1 End x2
5	Solid
6	Solid End x2
7	Solid Chaser
8	Solid Fade
9	Blink Double
10	Blink Triple
11	Blink Solid

End Flasher Patterns

1	Double	(All)	[R65] [#]
2	Quad	(All)	
3	Single	(All)	
4	Double	(All)	[SAE]
5	Quad	(All)	[SAE]
6	Single	(All)	[SAE]
7	Double	(Left Right Split)	[R65] [#]
8	Quad	(Left Right Split)	
9	Single	(Left Right Split)	
10	Double	(Left Right Split)	[SAE]
11	Quad	(Left Right Split)	[SAE]
12	Single	(Left Right Split)	[SAE]

Programmable Lighthouse Pattern

1	Steady	(Left Right Split)
2	Single Slow	(Left Right Split)
3	Single 2Hz	(Left Right Split)
4	Single Fast	(Left Right Split)
5	Double 2Hz	(Left Right Split) [R65] [#]
6	Double	(Left Right Split)
7	Qoad 2Hz	(Left Right Split)
8	Ultra	(Left Right Split)
9	Single-Quad	(Left Right Split)
10	Single H/L	(Left Right Split)
11	Random	(All)
12	Off	
13	Single Slow	(All)
14	Single 2Hz	(All)
15	Single Fast	(All)
16	Double 2Hz	(All) [R65] [#]
17	Double	(All)
18	Qoad 2Hz	(All)
19	Ultra	(All)
20	Single-Quad	(All)
21	Single H/L	(All)

Actual ECE R65 approval is based on the p/n ordered.

* May not show full effect in Single Colour model.