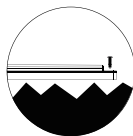
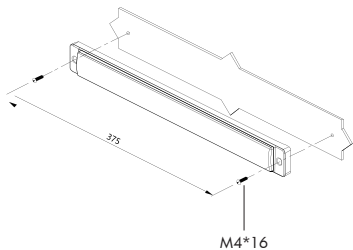


# ROGUE

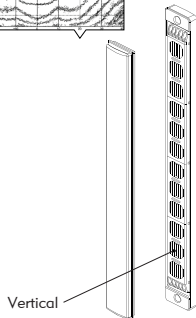
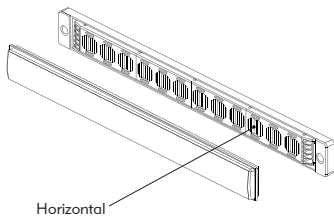
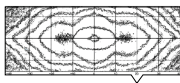
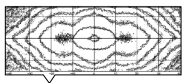


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# INSTALLATION >

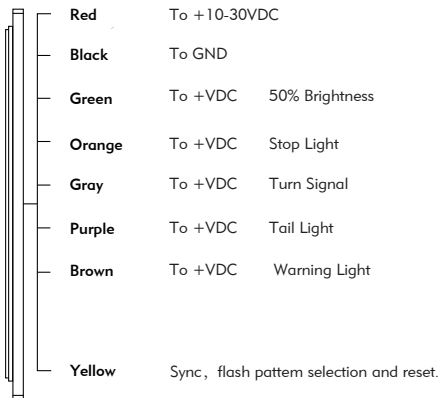


Do not install on uneven surfaces



## WIRING >

Item	Color type	Mounting	Flash pattern	STT
024101	Single	Horizontal	19	EUR
024102	Single	Vertical	19	EUR
024103	Single	Horizontal	19	US
024104	Single	Vertical	19	US




Connect the YELLOW wires from each lighthouse together. Their patterns will be synchronized when the lighthouses are activated.

To advance to the next pattern, apply +VBAT for less than 1 second and release.

Flash patterns will be reset when YELLOW wires are connected to +VBAT for more than 5 seconds.

Item	Color type	Mounting	Flash pattern	STT
024105	Single	Horizontal	13	US
024106	Single	Vertical	13	US
<b>Note:</b> With reversing indicator light				

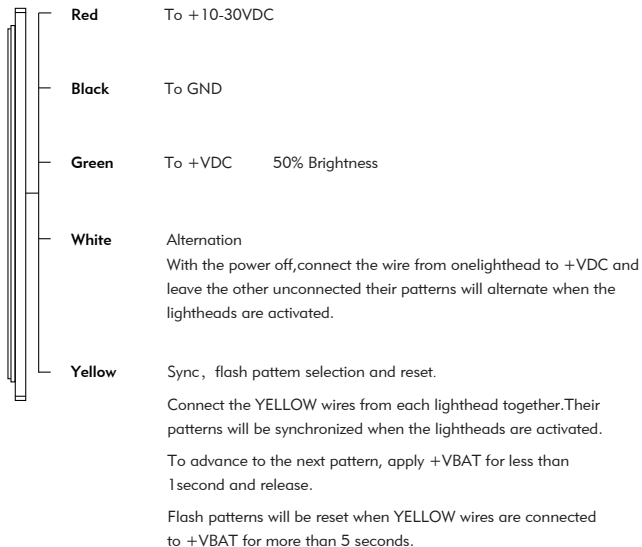
	<b>Red</b>	To +10-30VDC	
	<b>Black</b>	To GND	
	<b>Green</b>	To +VDC	Reversing Light
	<b>Orange</b>	To +VDC	Stop Light
	<b>Gray</b>	To +VDC	Turn Signal
	<b>Purple</b>	To +VDC	Tail Light
	<b>Brown</b>	To +VDC	Warning Light
	<b>Yellow</b>	Sync, flash pattern selection and reset.	

Connect the YELLOW wires from each lighthouse together. Their patterns will be synchronized when the lighthouses are activated.

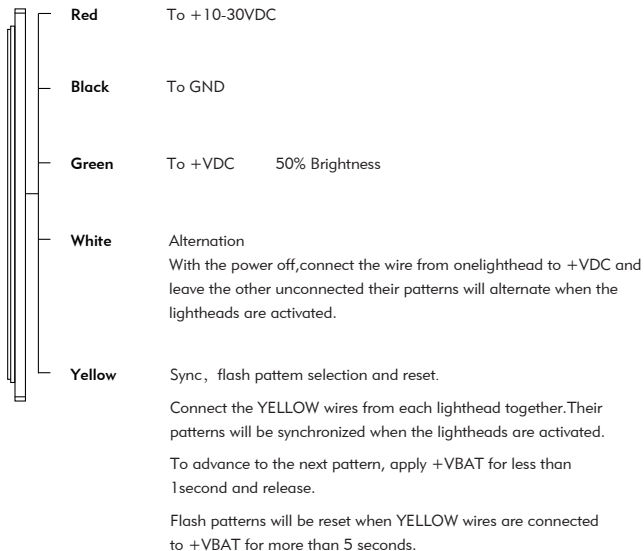
To advance to the next pattern, apply +VBAT for less than 1 second and release.

Flash patterns will be reset when YELLOW wires are connected to +VBAT for more than 5 seconds.

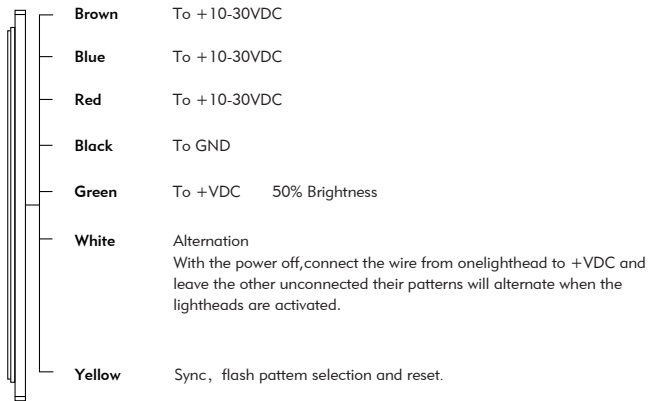
Item	Color type	Mounting	Flash pattern
024107	Single	All	96



Item	Color type	Mounting	Flash pattern
024109T	Dual	Horizontal	96
024110T	Dual	Vertical	96



Item	Color type	Mounting	Flash pattern
024109	Tri	Horizontal	96
024110	Tri	Vertical	96



Connect the YELLOW wires from each lighthouse together. Their patterns will be synchronized when the lighthoods are activated.

To advance to the next pattern, apply +VBAT for less than 1 second and release.

Flash patterns will be reset when YELLOW wires are connected to +VBAT for more than 5 seconds.

## WIRING & COLOR MAPPING TABLE >

### Dual

LED Combinations \ WIRE	BROWN	RED
Opt.1	W	R
Opt.2	W	B
Opt.3	W	A
Opt.4	B	R
Opt.5	B	A
Opt.6	R	A

### Trio

LED Combinations \ WIRE	BROWN	BLUE	RED
Opt.1	W	B	R
Opt.2	W	B	A
Opt.3	W	R	A
Opt.4	B	R	A

**Note:** W:White B:Blue R:Red A:Amber

## CERTIFICATIONS >

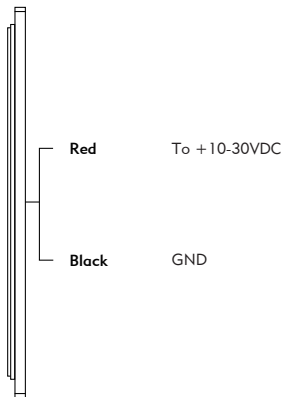
R65II、R10、R6、R7、R23、SAE J595、  
T13、FMVSS108、IP69K

## SPECIFICATIONS >

Voltage:10-30DC  
Power:18W



Item	Voltage	Power	Lumens	LED	Color temperature	LUX			Certification
						1M	2M	3M	
024111	10-30DC	12W	900	12pcs	6500K	450	115	60	R10
						1M	2M	3M	



## FLASH PATTERN >

FLASH TABLE 1	
NO	Pattern name
01	Random(Default)
02	Single(Split)
03	Double(Split)
04	Quad(Split)
05	Quint(Split)
06	Ultra(Split)
07	Single-Quad(Split)
08	Single-H/L(Split)
09	ECE R65 Single(all)
10	ECE R65 Double(all)
11	Single(all)
12	Double(all)
13	Quad(all)
14	Quint(all)
15	Ultra(all)
16	Single-Quad(all)
17	Single-H/L(all)
18	Steady2(California)
19	Steady 4 (all)

FLASH TABLE 2	
NO	Pattern name
01	ECE R65 125FPM single(all)
02	ECE R65 125FPM Double(all)
03	ECE R65 125FPM Double(all)
04	ECE R65 125FPM Quad(all)
05	ECE R65 125FPM single-Quad(all)
06	Single 60FPM(all)
07	Double 75FPM(all)
08	Quad 75FPM(all)
09	Quint 75FPM(all)
10	Ultra 75FPM(all)
11	Single-Quad 75FPM(all)
12	Single-H/L 90FPM(all)
13	Steady 4(all)

**Note:**

ALL: All modules

R/L: Left and right

S/D: Single and double

I/O: Inside and outside

**FLASH TABLE 3**

<b>NO</b>	<b>Pattern name</b>	<b>NO</b>	<b>Pattern name</b>
01	Steady	25	Single 75 (I/O)
02	ECE R65 Single 120 (All)	26	Single 90 (All)
03	ECE R65 Single 120 (R/L)	27	Single 90 (R/L)
04	ECE R65 Single 120 (S/D)	28	Single 90 (S/D)
05	ECE R65 Single 120 (I/O)	29	Single 90 (I/O)
06	ECE R65 Double 120 (All)	30	Single 300 (All)
07	ECE R65 Double 120 (R/L)	31	Single 300 (R/L)
08	ECE R65 Double 120 (S/D)	32	Single 300 (S/D)
09	ECE R65 Double 120 (I/O)	33	Single 300 (I/O)
10	ECE R65 Triple 120 (All)	34	Double 75 (All)
11	ECE R65 Triple 120 (R/L)	35	Double 75 (R/L)
12	ECE R65 Triple 120 (S/D)	36	Double 75 (S/D)
13	ECE R65 Triple 120 (I/O)	37	Double 75 (I/O)
14	Triple 75 (All)	38	Double 150 (All)
15	Triple 75 (R/L)	39	Double 150 (R/L)
16	Triple 75 (S/D)	40	Double 150 (S/D)
17	Triple 75 (I/O)	41	Double 150 (I/O)
18	Single 60 (All)	42	Mario 120 (All)
19	Single 60 (R/L)	43	Mario 120 (R/L)
20	Single 60 (S/D)	44	Mario 120 (S/D)
21	Single 60 (I/O)	45	Mario 120 (I/O)
22	Single 75 (All)	46	Mario 75 (All)
23	Single 75 (R/L)	47	Mario 75 (R/L)
24	Single 75 (S/D)	48	Mario 75 (S/D)

**FLASH TABLE 3**

<b>NO</b>	<b>Pattern name</b>	<b>NO</b>	<b>Pattern name</b>
49	Mario 75 (I/O)	73	Mansion 75 (I/O)
50	Quad 75 (All)	74	Single_Quad (All)
51	Quad 75 (R/L)	75	Single_Quad (R/L)
52	Quad 75 (S/D)	76	Single_Quad (S/D)
53	Quad 75 (I/O)	77	Single_Quad (I/O)
54	Wave 75 (All)	78	Single H/L (All)
55	Wave 75 (R/L)	79	Single H/L (R/L)
56	Wave 75 (S/D)	80	Single H/L (S/D)
57	Wave 75 (I/O)	81	Single H/L (I/O)
58	Ultra 75 (All)	82	Single 60/120 (All)
59	Ultra 75 (R/L)	83	Single 60/120 (R/L)
60	Ultra 75 (S/D)	84	Single 60/120 (S/D)
61	Ultra 75 (I/O)	85	Single 60/120 (I/O)
62	Quint 75 (All)	86	Single 60/Triple 75 (All)
63	Quint 75 (R/L)	87	Single 60/Triple 75 (R/L)
64	Quint 75 (S/D)	88	Single 60/Triple 75 (S/D)
65	Quint 75 (I/O)	89	Single 60/Triple 75 (I/O)
66	Mansion 150 (All)	90	Accelerator (All)
67	Mansion 150 (R/L)	91	Accelerator (R/L)
68	Mansion 150 (S/D)	92	Accelerator (S/D)
69	Mansion 150 (I/O)	93	Accelerator (I/O)
70	Mansion 75 (All)	94	Whirl 1
71	Mansion 75 (R/L)	95	Whirl 2
72	Mansion 75 (S/D)	96	Steady California

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ROGUE X2

V1.0