

ORBIT SERIES



Orbit C



Orbit U

USER GUIDE

1. Product Description

- Integration of warning, clearance, reversing and Stop / Tail / Turn lights - the first of its kind on the market
- Extremely innovative and recognizable three-dimensional design makes the product stand out among others
- Able to replace other products with 4" and 6" industry standard dimensions
- Screw mount or grommet mount
- Warning light available in single and dual color
- IP69K rated

2. Technical Specifications

Product Name	Orbit C / Orbit U
Signal Light	Brake Light / Turn Signal / Position Light / Reversing Light
Max Power	10W
Voltage	Single 10-33V / Dual 12V
Flash Pattern	Single 19 / Dual 12
Operating Temperature	-30°C to +70°C
LED	32pcs
LENS	TIR
IP Rating	IP67+IP69K
Mount	Grommet Mount / Screw Mount
Certifications	SAE J595 , CA T13 , R65 , R7 , R 91 , FMVSS-108

3. Wirings

3.1. Single Color

A. Configuration 1

ITEM: 023503/023703/023507/023707/023711

- **RED** — On / Off of warning light
- **BLACK** — GND
- **YELLOW** — Synchronization ,Flash Patterns Selection and Reset
 - Connet YELLOW wires of all heads together for synchronization.
 - To change flash patterns, apply +VDC for less than 1 second and release.
 - Flash patterns will be reset when YELLOW wires are connected to RED wire for more than 5 seconds.
- **WHITE** — Alternation
 - With the power off,connect the WHITE wire from one lighthhead to + VDC and leave the other unconnected. Their patterns will alternate when the lighthheads are actived.
- **ORANGE** — Turn signal / Brake light
- **PURPLE** — Position light
- **GRAY** — Reversing light

B. Configuration 2

ITEM: 023501/023701/023505/023705/023709

- **RED** — On / Off of warning light
- **BLACK** — GND
- **YELLOW** — Synchronization ,Flash Patterns Selection and Reset
- **WHITE** — Alternation
- **PURPLE** — Position light
- **ORANGE** — Brake light

C. Configuration 3

ITEM: 023504/023704/023508/023708/023712

- **RED** — On / Off of warning light
- **BLACK** — GND
- **YELLOW** — Synchronization ,Flash Patterns Selection and Reset
- **WHITE** — Alternation
- **PINK** — Reversing light
- **GRAY** — Turn signal

D. Configuration 4

ITEM: 023502/023702/023506/023706/023710

- **RED** — On / Off of warning light
- **BLACK** — GND
- **YELLOW** — Synchronization ,Flash Patterns Selection and Reset
- **WHITE** — Alternation
- **GRAY** — Turn signal

3.2. Dual Color

ITEM: 023511/023512/023513/023718/023719

- **RED** — On / Off of warning light color 1
- **BROWN** — On / Off of warning light color 2
- **BLACK** — GND
- **YELLOW** — Synchronization ,Flash Patterns Selection and Reset
 - Connet YELLOW wires of all heads together for synchronization.
 - To change flash patterns, apply +VDC for less than 1 second and release.
 - Flash patterns will be reset when YELLOW wires are connected to RED wire for more than 5 seconds.
- **WHITE** — Alternation
 - With the power off,connect the WHITE wire from one lighthhead to + VDC and leave the other unconnected. Their patterns will alternate when the lighthheads are actived.
- **GRAY** — Turn signal / Brake light
- **PURPLE** — Position light
- **PINK** — Reversing light

4. Flash Patterns

4.1. Single Color

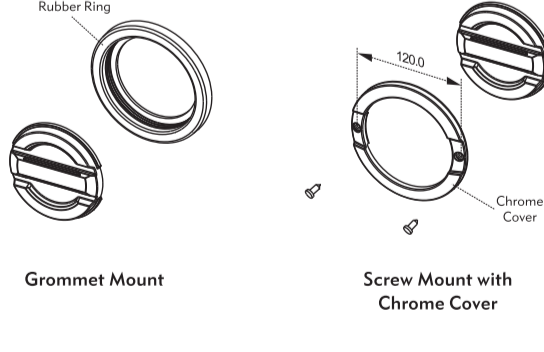
1	Random (Default)
2	Single (Split)
3	Double (Split)
4	Quad (Split)
5	Quint (Split)
6	Ultra (Split)
7	Single-Quad (Split)
8	Single-H/L (Split)
9	ECE R65 Single (All)
10	ECE R65 Double (All)
11	Single (All)
12	Double (All)
13	Quad (All)
14	Quint (All)
15	Ultra (All)
16	Single-Quad (All)
17	Single-H/L (All)
18	Steady 2 (California)
19	Steady 4 (All)

4.2. Dual Color

1	Steady 2 (Default)
2	Steady 4 (all)
3	Random (all)
4	ECE R65 single (all)
5	ECE R65 double (all)
6	Single (all)
7	Double (all)
8	Quad (all)
9	Quint (all)
10	Ultra (all)
11	Single-Quad (all)
12	Single-H/L (all)

5. Mount

ORBIT C MOUNT



ORBIT U MOUNT

