

印刷: 双面打印, 4折页

50*40风琴页

红色虚线为参考线, 无需打印

40mm

50mm

1. Product Description

The new product Polaris can work with most of US brand control systems. Polaris uses six warning light LEDs and 3 floodlight LEDs in an extreme size of 45*45*19 mm. It uses more efficient TIR lens to meet daytime brightness using requirement. Unique 25° bevel design ensures a better large ground lighting effect. It has versatile installation methods: surface screw mount, bracket mount and hose clamp mount.

2. Technical Specifications

Product Name	Polaris
Max Power	13.5W
Voltage	DC 12V
Flash Pattern	12
IP Rating	IP67+IP69K
Operating Temperature	-30°C to +70°C
Dimensions	45*45*19mm (Bezel-free)
Certifications	ECE R65 Class 2 ECE R10, SAE J595, T13

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3. Product Introduction

3.1. Dimensions

3.2. Floodlight Illumination Range

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3.3. Wirings

A. Wirings Function

- RED** — For Power supply to + 12V DC
- BROWN** — Floodlight
- BLUE** — 50% Power
- BLACK** — GND
- YELLOW** — Synchronization, Flash Patterns Selection and Reset
- WHITE** — Alternating Flash

- Connect YELLOW wires of all lightheads 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.
- With the power off, connect the WHITE wire from one lighthead to + VDC and leave the other unconnected. Their patterns will alternate when the lightheads are activated.

B. Products Wiring

Pattern Synchronization

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Pattern Alternation

C. Wiring With US Mainstream Brand Controllers

- Connect RED wire to + VDC
- Connect BLACK wire to GND
- Apply YELLOW wire + VDC for less than 1 second and release, to select the 12th flash pattern "steady (all)".

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4. Flash Patterns

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

5. Mounting

5.1. Surface Mount

5.2. Optional Mounting Accessories

A. Bracket Mount (106301)

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B. Adjustable Hose Clamp Mount (106302)

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911 SIGNAL®

Polaris
Work with most of US brand control systems

USER GUIDE