Date:

Project:

Comments:



Precision Alpha

## Product Model

PR31    –    Precision Alpha (Cool White)
PR32    –    Precision Alpha (Warm White)

## Description

The Precision ALPHA is an ultra-compact LED pinspot designed for space-constrained applications. Internal driver circuitry ensures constant output even when input voltages fluctuate. This low-voltage LED fixture runs far cooler and more efficiently than traditional PAR16 "Birdies," as well as gives the user an endless selection of colors and beam angles using theatrical filters.

## Features

- Reconfigurable with gel filters (included)
- Perfect for space constrained applications
- 1W LED with 95% energy savings compared to 20W halogen lamp
- Low voltage and minimal heat for improved safety over incandescent sources
- Internal constant current driver gives highly efficient and consistent output
- Easy installation and reconfiguration
- Dual polarity input
- Minimal maintenance required with over 50,000 hour lamp life

## Applications

- Themed entertainment
- Museum displays
- Theater and stage accent lighting
- Mobile displays
- Retail spaces
- Architectural accent lighting

# Gantom
## LIGHTING & CONTROLS

# Precision Alpha
## 1.5W Micro Pinspot

## Technical Specifications

### Physical

| | |
|---|---|
| Material | Black Anodized Aluminum |
| IP rating | IP65 - Temporary Outdoor Installations |
| Weight | 45 grams (1.6 oz) |

### Electrical

| | |
|---|---|
| Voltage | 12-24V DC |
| Power | 1.5W |
| Dimming | N/A |
| Connector | 2.1mm DC Barrel Jack |

### Thermal

| | |
|---|---|
| Ambient operating temperature | 0-50 ºC (32-122 ºF) |
| Cooling method | Passive |

### LED color

| | |
|---|---|
| Cool White | 6500K |
| Warm White | 3000K |

### Source

| | |
|---|---|
| LED MODEL | Cree Xlamp XP-G |

### Certifications

| | |
|---|---|
| USA / Canada | UL |
| Europe | CE, RoHS |

### Warranty

| | |
|---|---|
| Fixture | 1 Year |

## Photometrics at Full Power

| | Beam/Field Angle | 1m Illuminance (3.3ft) | 2m Illuminance (6.6ft) | 3m Illuminance (9.8ft) |
|---|---|---|---|---|
| Cool White | 13º / 28º | 843 lx (78.3 fc) | 219 lx (20.4 fc) | 97 lx (9.0 fc) |
| Warm White | 13º / 28º | 621 lx (48 fc) | 160 lx (12.3 fc) | 70 lx (6.5 fc) |

| Distance to Projection Surface | 1m (3.3 ft) | 2m (6.6 ft) | 3m (9.8 ft) |
|---|---|---|---|
| Beam Diameter | 0.2m (.7 ft) | 0.5m (1.6 ft) | 0.7m (2.3 ft) |

CE · UL LISTED · RoHS

# Precision Alpha

**1.5W Micro Pinspot**



R 4mm
[1/8in]

70mm
[2.76in]

26.5mm
[1.04in]

19.4mm
[0.76in]

15mm
[0.59in]

8mm
[0.31in]

14.2mm
[0.56in]

31mm
[1.22in]

79.9mm
[3.15in]