

# PHOENIX SERIES

## Auditorium Light Solution



### DESCRIPTION

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The Phoenix Series is a high-performance range of linear LED lights designed for professional auditorium, architectural, and commercial lighting applications. Built with advanced technology and superior craftsmanship, this series offers exceptional brightness, outstanding energy efficiency, and remarkable color accuracy. With optimized power consumption and innovative heat management, the Phoenix Series ensures long-lasting, reliable performance.

Designed for versatility, the Phoenix Series includes three specialized models: Fusion, Phoenix, and Phoenix Plus. Each model is tailored to meet different lighting requirements, featuring varying beam widths and performance capabilities. The Fusion model offers a compact 50mm beam with a high-efficiency output, making it perfect for general lighting applications. The Phoenix model provides a 100mm beam suitable for more demanding environments requiring focused illumination. For top-tier performance, the Phoenix Plus features a 150mm beam, delivering powerful and consistent lighting ideal for large-scale productions and high-end installations.

Every model in the Phoenix Series supports flexible installation options, including surface, recessed, and suspended mounting.

### FEATURES

#### Precision Optics & High CRI

- Advanced optical design ensures sharp and well-defined light projection.
- High CRI (Color Rendering Index) ratings of up to 95 for true-to-life color reproduction.
- Suitable for professional applications where color accuracy is critical.

#### Customizable Beam Control

- Adjustable beam angles for precise light distribution in different auditorium setups.
- Wide range of beam widths: Fusion (50mm), Phoenix (100mm), and Phoenix Plus (150mm).
- Optimized for stage, conference halls, and large venues.

#### Energy-Efficient LED Performance

- High-efficiency LED technology reduces power consumption while maintaining brightness.
- Advanced heat dissipation system ensures long-lasting performance.
- Flicker-free illumination for seamless video recording and presentations

#### Seamless Dimming & Control Integration

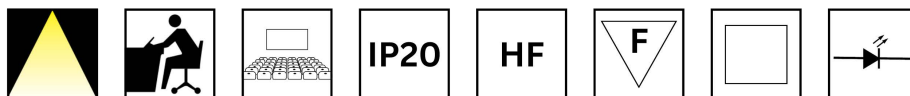
- DMX and DALI compatibility for smooth and flexible lighting control.
- Dimmable lighting options for tailored ambiance and energy savings.
- Supports integration with auditorium automation systems.

#### Durable & Professional-Grade Build

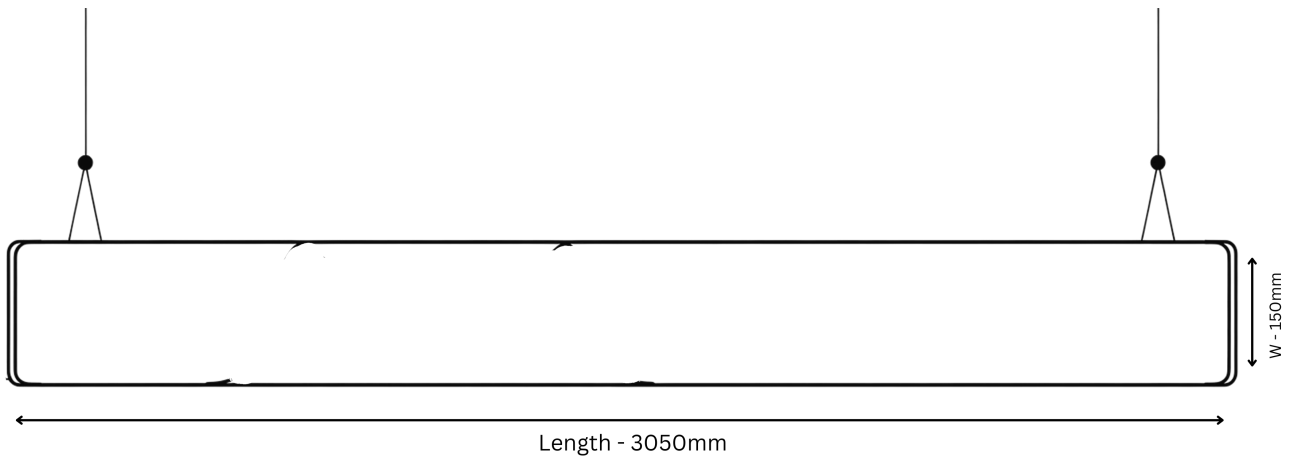
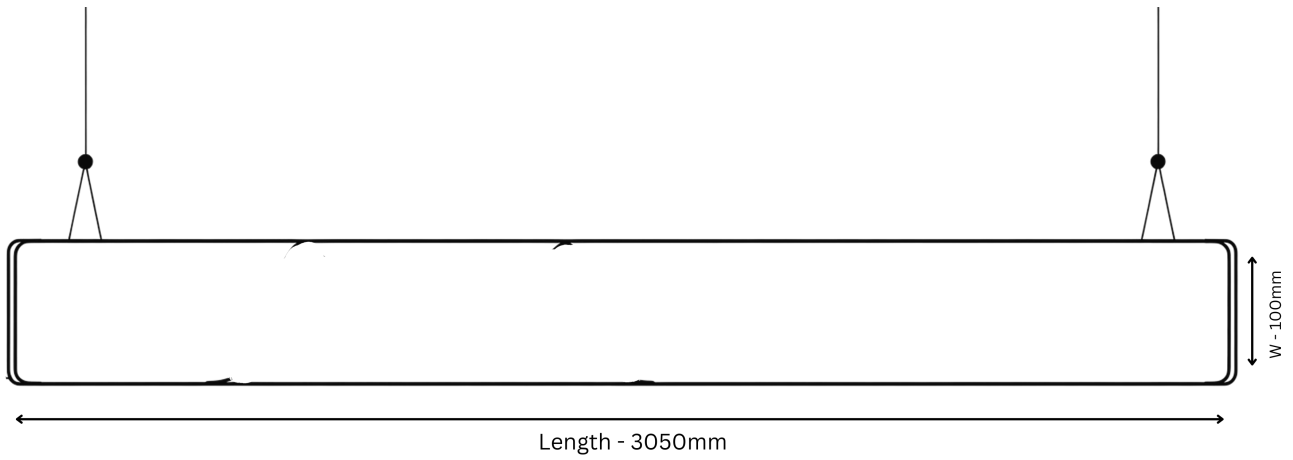
- Rugged and lightweight aluminum housing for easy installation.
- Advanced thermal management system prevents overheating.
- Designed for long-term reliability in demanding environments.

**TECHNICAL SPECIFICATIONS**

PARAMETERS	FUSION	PHOENIX	PHOENIX PLUS
Model Name	Fusion	Phoenix	Phoenix Plus
Model Number	PHO1116510S	PHO013050S	PHO013050SP
Type	Linear LED Light	Linear LED Light	Linear LED Light
Application	Indoor / Architectural / Commercial		
Luminaire Length	3050mm	3050mm	3050mm
Luminaire Width	50mm	100mm	150mm
Body Material	Aluminum / Polycarbonate		
Finish	Matte White / Black / Custom Color		
Installation Type	Surface / Recessed / Suspended		
LED Type	High-Efficiency SMD LEDs		
Colour Options	WW (Warm White) / NW (Neutral White) / CW (Cool White)		
CCT (Colour Temp.)	CCT Tunable (2700K - 6500K)		
CRI (Colour Rendering Index)	95	95	95
Luminous Efficacy (lm/W)	≥ 120 lm/W	≥ 120 lm/W	≥ 120 lm/W
Beam Angle	120°	120°	120°
Wattage	30W/m	50W/m	90W/m
Operating Voltage	AC 100-277V, 50/60Hz		
Driver Type	Dimmable / DALI / 0-10V / TRIAC		
Power Factor	≥0.98		
Efficiency	>95%		
Nominal Voltage (V)	240 V		
THD	<5%		
LED Binning	ANSI/NEMA C78.377A		
Lifespan	50,000+ hours (L70 @ 25°C)		
IP Rating	IP20 (Indoor Use)		
IK Rating	IK08 (Impact Resistance)		
Certifications	CE, RoHS		
Safety Standards	IEC 60598		
Weight	0.7 Kg - 1.5 Kg		
Warranty	5 Years		



## TECHNICAL DRAWING



**HQ Asia**  
asia@anistonlighting.com  
anistonlighting.com

**Europe**  
europe@anistonlighting.com  
anistonlighting.com/europe

**United States**  
unitedstates@anistonlighting.com  
anistonlighting.com/us/

**Middle East**  
uae@anistonlighting.com  
anistonlighting.com/uae



**ANISTON TECHNOLOGIES LLP**

anistonlighting.com

E-mail: info@anistonlighting.com

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