

New | Hot

# ALPHA 3030

## ALPHA LITE 7 Color LED Fresnel Spot Light Data Sheet

### Fixture Information

The α7c series is the 3rd generation of LED lighting with a new light source/optical solution for lighting control and an innovative operation interface. It is a package lighting composed of LED spot / LED panel with 6 Color + 2 White

ultra-high-capacity LED engine and ALPHA LITE's unique 'α Algorithm'. Overcome the limits of the color expression gamut and color temperature range that existing White lighting and RGB lighting,

it became possible to expression for Moonlight from Daylight-focused lighting, perfect color expression, and strong brightness at the same time.



**ALPHA SEVEN COLOR Series**

- CRI / TLCI Up to 99.5%
- 2,000~35,000K Color temperature variable
- Light distribution angle adjustment through Multi-array lens and Micro diffuser
- Color correction function to adjust the emotional feeling and color of halogen lighting

### Optional Accessories

Manual yoke

Pole operation yoke

Power cable

DMX cable

Safety chain

4 leaf barndoor

Clamp

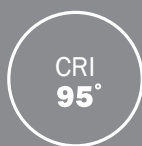
Multi array lens

Diffuser lens

Soft box



Ultra HD Lighting Quality



High CRI True Color



High TLCI True Color



Flicker Free



Smart Touch Control



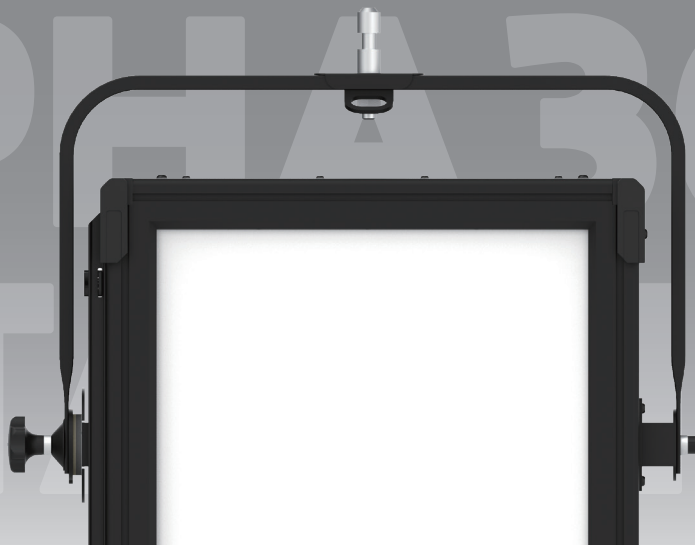
USB Firmware Upgrade



Long LED Lifetime



Variety Color Representation

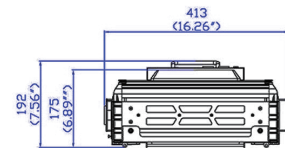
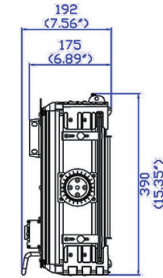
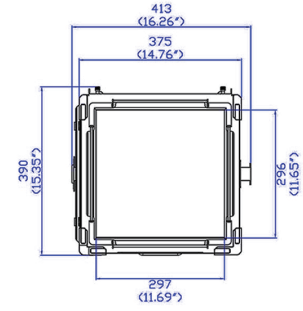


ALPHA 3030  
DATA SHEET

## Specifications

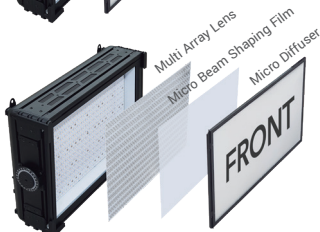
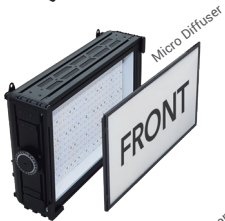
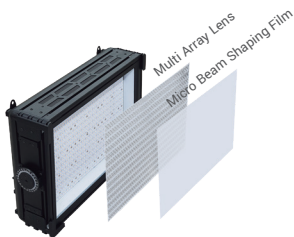
LED Chip Type	0.5W 6 Color + 2 White LED engine
Estimated LED Lifetime (hours)	50,000
White Light (K)	2,000-35,000 (VCT)
Full Color Light	Full RGB + Amber + Lime + Cyan + Warm White + Cool White (7Color Gamut with Hue and Saturation Control)
Color Rendition (%)	CRI 95-99.5 / TLCI 95-99.5
Dimming (%)	0-100 (16-bit)
Light Aperture Size (mm/inch)	297 x 297 / 11.7 x 11.7
Beam Angle (°) (Standard)	115
Signal Control	5-Pin DMX In and Out
Individual Control	Smart Touch LCD Controller
Supported Protocol	DMX512 / RDM
(Optional) Supported Protocol	DMX512 Wireless / RDM Wireless
Remote Device Management	Supported
Channel Function	Dimming / CCT / Cross Fader / RGBW / Tint / Color Macro
Power Input Voltage	AC 100-240V / 50-60Hz
Power Consumption (W)	240
Ambient Temperature Operation (°C)	-20-45
Body Dimensions (mm/inch) (WHD)	413 x 390 x 192 / 16.3 x 15.4 x 7.6
Full Dimensions with Manual Yoke (mm/inch) (WHD)	491 x 500 x 192 / 19.3 x 19.7 x 7.6
Body Weight (kg/lbs)	6.6 / 14.6
Full Weight with Manual Yoke (kg/lbs)	6.7 / 14.8
Protection Class	IP20

## Dimension



## Photometric Diagram

\* The intensity data may have  $\pm 5\%$  tolerance depend on CCT or film type.



Distance	3m	5m	7m	9m
▷ Multi Array (No Diffusion) / 55°	1388	500	255	154

Distance	3m	5m	7m	9m
▷ Front side Micro Lens (Wide Diffusion-smooth light) / 120°	558	201	103	62
▷ Flip Side Micro Lens (Focused Diffusion-bright light) / 85°	791	285	145	88

Distance	3m	5m	7m	9m
▷ Front side Micro Lens (Wide Diffusion-smooth light) / 110°	576	208	106	64
▷ Flip Side Micro Lens (Focused Diffusion-bright light) / 77°	902	325	166	100