

LED LIGHTING FOR UHD BROADCASTING

2023 ALPHA LITE PRODUCT CATALOGUE





INNOVATION OF PROFESSIONAL LED LIGHTS

BY. ALPHA LITE

SINCE 2008

ALPHA LITE was founded in 2008, started a R&D company for lighting fixtures and launched a product brand in 2014.
ALPHA LITE is developing the essential technology for LED lightings with dedicated R&D.

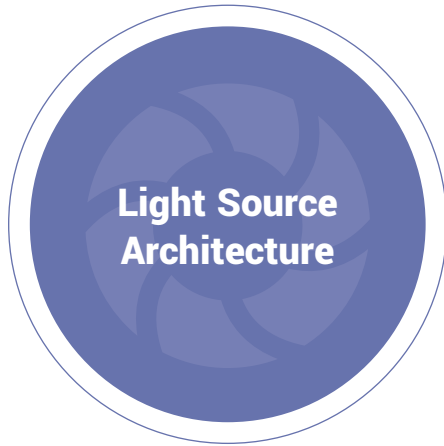


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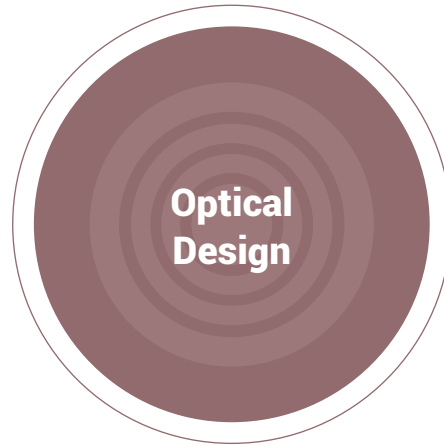
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01 CORE TECHNOLOGY

At the beginning stage of LED lightings, most of the lighting fixtures consist of cool white and warm white LED, which cause the very limited boundary on the color capability. ALPHA LITE had developed the RGBW light source that led the company to develop added Cyan, Magenta, Yellow to overcome the limit.



Lightsource design technology
for CIE1931 standard lightsource



Optimized optical lense design
on different LED lighting types.

Variable color temperature control
color matching technology

- High CRI / TLCI
- Minimum deviation by balancing the value of color temperature, CRI, Lux, ΔUV , Rf-Rg.
- Effective / efficient LED array

색의 4원색 (The Four Primary Colors)

ALPHA 

Generally, RGB, which is the three primary colors of the color, is mixed to realize the color of the lighting. For color realization in digital, the algorithm is constructed by inserting each R, G, B value as a basic variable. However, in digital, only RGB values do not provide accurate color.

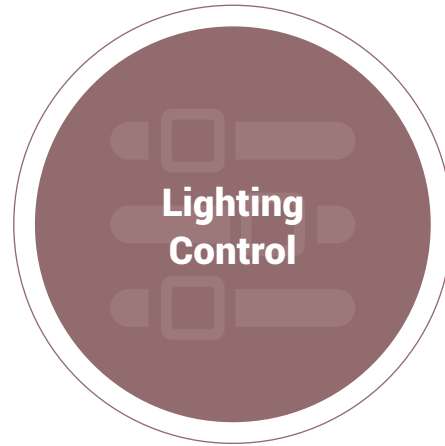
ALPHA LITE has developed 'RGB α ', the four primary colors concept, in order to solve the problem of RGB implementation in digital paradigm and build up future lighting solutions.



Lighting Fixture Design

1
Outward appearance design of the lightings.

2
Thermal dissipation structure designing.



Lighting Control

1
LCD smart touch screen.

2
DMX512 / DMX512 RDM / Wireless DMX512 / Wireless RDM

ALPHA ALGORITHM



Color Mixing Optimization Algorithm



Dimming Curve Optimization Algorithm



CRI Boost Algorithm

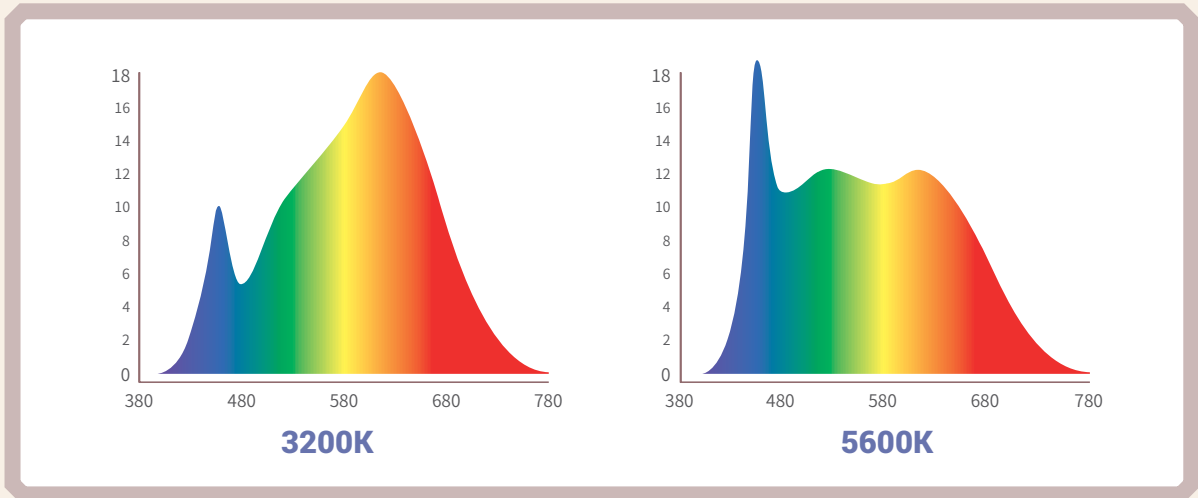


Digital Color Detail Realization Algorithm

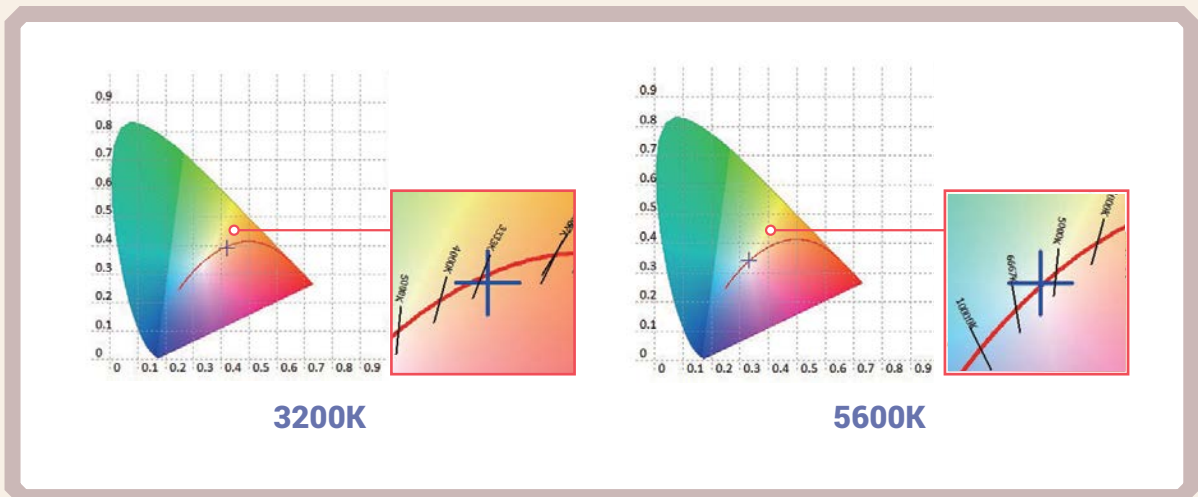
02 LIGHT SOURCE DATA

SPECTRUM DATA

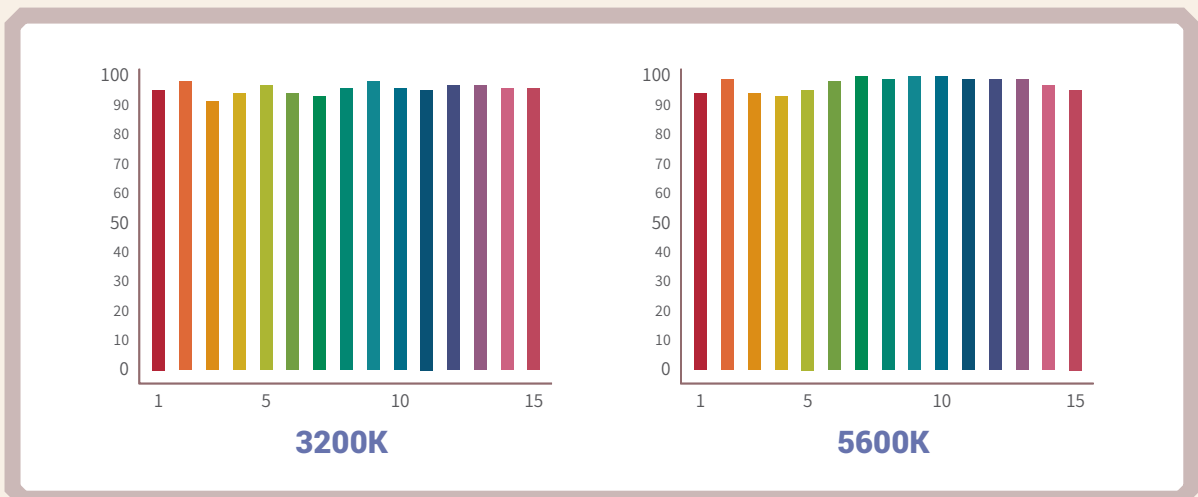
This data is the standard spectral data of the ALPHA LITE LED lighting source.



CIE1931 DATA

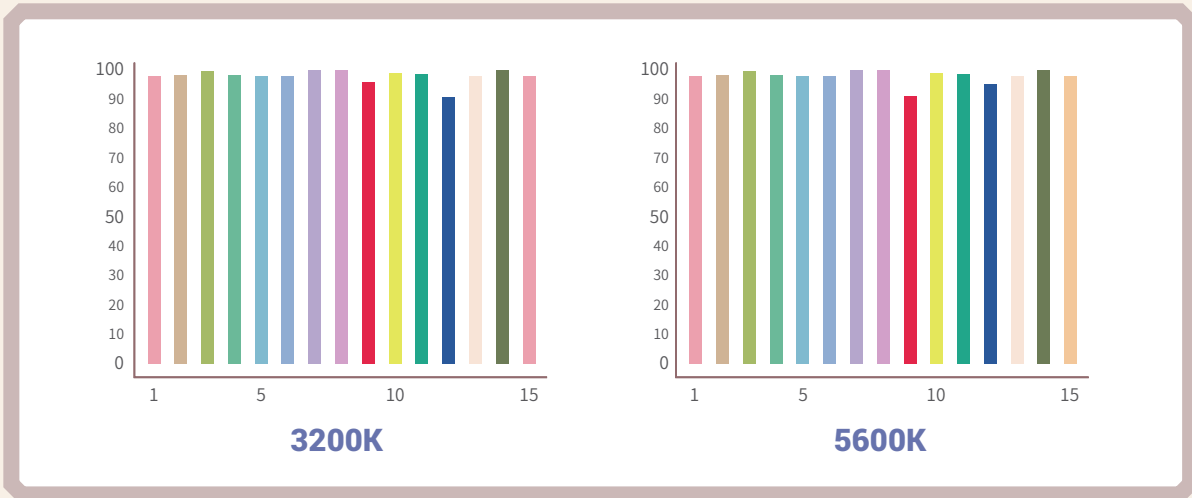


CQS DATA

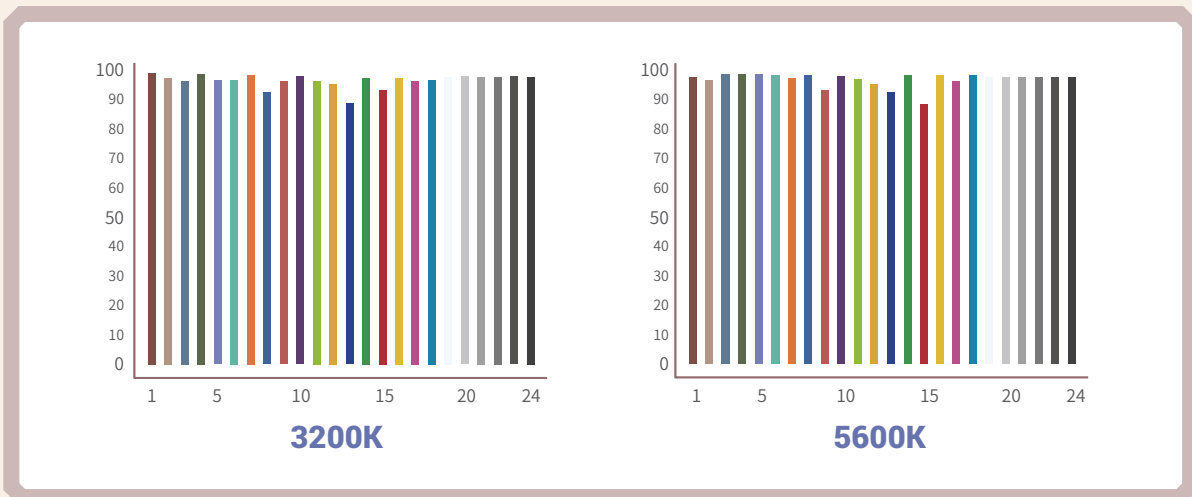


CRI DATA

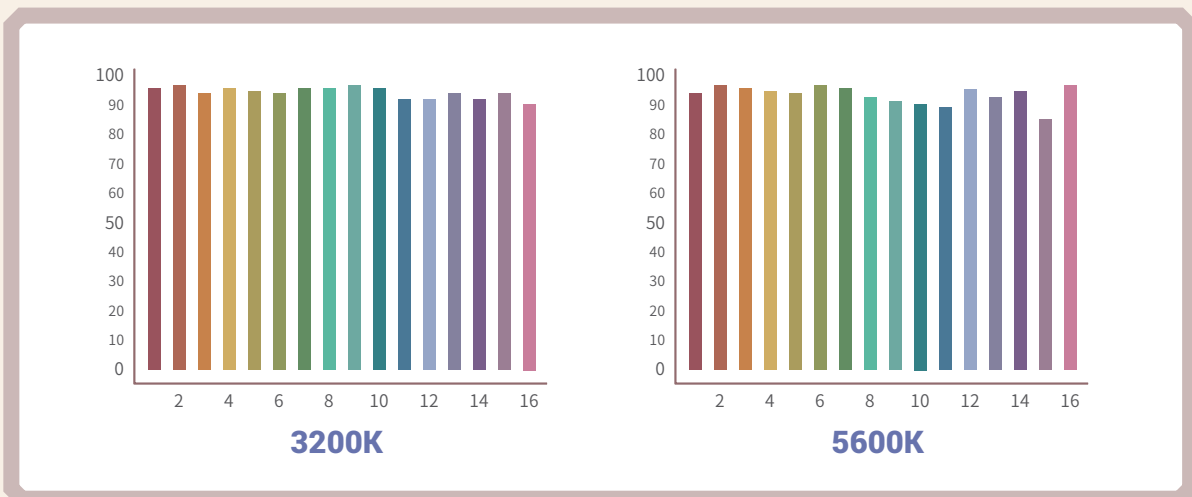
This data is the average of the color rendering and color reproducibility of the ALPHA LITE LED lighting source.



TLCI DATA



TM30 DATA



03 PRODUCTS CLASSIFICATION

ALPHA LITE anticipates the limitations of the current systems halogen, HMI and gel filters, and has developed a variety of LED lights to alternate them.



| ALPHA SEVEN COLOR |

The $\alpha 7c$ 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'.

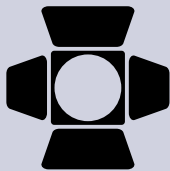
Overcome the limits of the color expression gamut and color temperature range that existing White lighting and RGB lighting, it became possible to expression for Moonlight from Daylight-focused lighting, perfect color expression, and strong brightness at the same time.

- 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

NEW

$\alpha 7c$ Fresnel Spot Series

7 Color LED Fresnel Spot Light



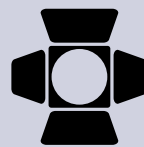
ALPHA 3000

450~600W 6 Color + 2 White
15°-55° beam angle adjust



ALPHA 2000

300~400W 6 Color + 2 White
15°-55° beam angle adjust



ALPHA 1500

200~250W 6 Color + 2 White
15°-55° beam angle adjust



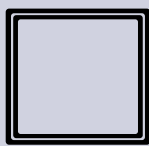
ALPHA 1000

150~200W 6 Color + 2 White
15°-55° beam angle adjust

NEW

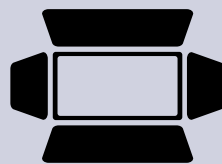
$\alpha 7c$ Panel Series

7 Color LED Panel Light



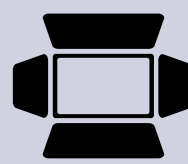
ALPHA 6060

550~800W 6 Color + 2 White
Full 2,000~35,000K (VCT)



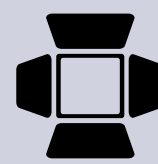
ALPHA 3060

350~400W 6 Color + 2 White
Full 2,000~35,000K (VCT)



ALPHA 3045

250~300W 6 Color + 2 White
Full 2,000~35,000K (VCT)

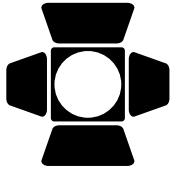


ALPHA 3030

185~240W 6 Color + 2 White
Full 2,000~35,000K (VCT)

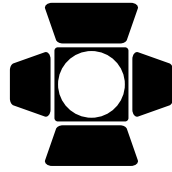
FS Series

LED Fresnel Spot Light



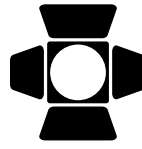
FS5000

650W Bi-color
15°-55° beam angle adjust



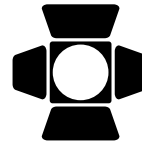
FS3000

500W Bi-color
15°-55° beam angle adjust



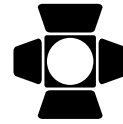
FS2000

350W Bi-color
15°-55° beam angle adjust



FS1500

250W Bi-color
15°-55° beam angle adjust



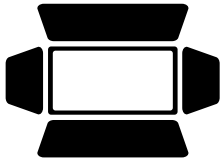
FS1000

200W Bi-color
15°-55° beam angle adjust

NEW | HOT

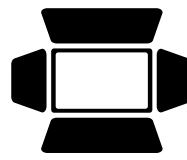
A-PLUS-J Series

New version LED Panel Light



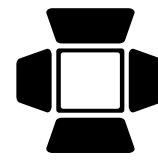
A8-PLUS-J

400W Full RGBW color
Full 2,500~10,000K (VCT)



A6-PLUS-J

300W Full RGBW color
Full 2,500~10,000K (VCT)

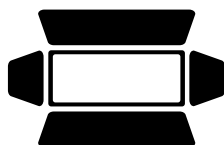


A4-PLUS-J

200W Full RGBW color
Full 2,500~10,000K (VCT)

A-PLUS Series

LED Panel Light



A8-PLUS

400W Full RGBW color (Direct)
Full 2,500~10,000K (VCT)



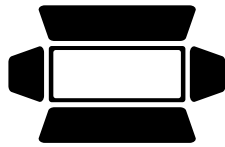
A6-PLUS

300W Full RGBW color (Direct)
Full 2,500~10,000K (VCT)

03 PRODUCTS CLASSIFICATION

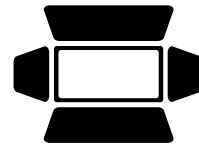
A Series

LED Panel Light



A2460

300W Bi-color (Direct)
Full 2,900~6,000K (VCT)

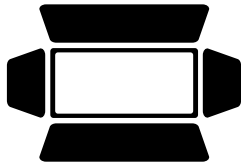


A2440

200W Bi-color (Direct)
Full 2,900~6,000K (VCT)

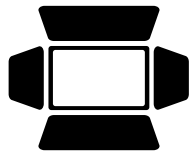
E Series

LED Edge Panel Light



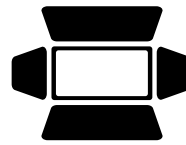
E3060

300W Bi-color (Reflective)
Full 2,900~6,000K (VCT)



E2440

200W Bi-color (Reflective)
Full 2,900~6,000K (VCT)



E2040

150W Bi-color (Reflective)
Full 2,900~6,000K (VCT)



E1360

150W Bi-color (Reflective)
Full 2,900~6,000K (VCT)

CYC Series

LED Cyclorama / Horizont Light



CYC500

300W
Full RGB + Amber + Royal blue + White

DL Series

LED Downlight



DL100

100W / ϕ 205~230
3200K, 5600K (FCT)



DL50

50W / ϕ 205~230
3200K, 5600K (FCT)



DL30

35W / ϕ 142~155
3200K, 5600K (FCT)



DLT50

50W / ϕ 175~183
3200K, 5600K (FCT)

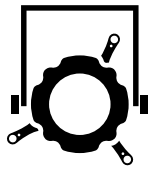


DLT30

35W / ϕ 145~153
3200K, 5600K (FCT)

PS Series

LED Profile



PS750C

250~300W
Full RGB + Amber + Lime + Cyan



PS750W

250~300W
Full 2,900~6,000K (VCT)

TL Series

LED Track Light



TL30 FOCUS ZOOM

30W / Zoomable, Shapable
5600K (FCT)



TL30 ZOOM SPOT

30W / Zoomable
5600K (FCT)

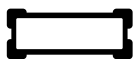


TL30

30W
5600K (FCT)

Beauty Soft Light

LED Desk Pad



DSPAD

18W / CRI 95~98
Full 2,900~6,000K (VCT)

RX / TX

Wireless Module



RX / TX

Wireless DMX receiver /
transmitter

04 PRODUCTS DESCRIPTION

7 Color LED Fresnel Spot Light

α7C Fresnel Spot Series

ALPHA 3000



SPECIFICATIONS

Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT/FCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	250 / 9.8
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	600W
Dimension (mm/inch)	328 x 404 x 464 / 12.9 x 15.9 x 18.3 (WHD)
Weight (kg/lbs)	12.3 / 27.1

PHOTOMETRIC DATA LUX

3m (50°)	2834
5m (50°)	1050
7m (50°)	502
9m (50°)	278

ALPHA 2000



SPECIFICATIONS

Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT/FCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	200 / 7.9
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	450W
Dimension (mm/inch)	287 x 357 x 415 / 11.3 x 14.1 x 16.3 (WHD)
Weight (kg/lbs)	8.7 / 19.2

PHOTOMETRIC DATA LUX

3m (50°)	1910
5m (50°)	700
7m (50°)	335
9m (50°)	177

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 Smart Touch Control
- 4 Halogen Alternative LED
- 5 High TLCI True Color
- 6 USB Firmware Upgrade
- 7 No Heavy Weight
- 8 Flicker Free
- 9 Long LED Lifetime

ALPHA 1500



SPECIFICATIONS

Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT/FCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	200 / 7.9
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	300W
Dimension (mm/inch)	287 x 357 x 415 / 11.3 x 14.1 x 16.3 (WHD)
Weight (kg/lbs)	8.7 / 19.2

PHOTOMETRIC DATA LUX

3m (50°)	1343
5m (50°)	500
7m (50°)	245
9m (50°)	133

ALPHA 1000






SPECIFICATIONS




Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT/FCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	170 / 6.7
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	240W
Dimension (mm/inch)	282 x 337 x 401 / 11.1 x 13.3 x 15.8 (WHD)
Weight (kg/lbs)	7.6 / 16.8




PHOTOMETRIC DATA LUX

3m (50°)	863
5m (50°)	350
7m (50°)	197
9m (50°)	127

OPTIONAL ACCESSORIES

-  Manual yoke
-  DMX cable
-  Clamp

-  Pole operation yoke
-  Safety chain
-  Filter frame

-  Power cable
-  4 leaf barndoor
-  Soft box

04 PRODUCTS DESCRIPTION

7 Color LED Panel Light

α7C Panel Series

ALPHA 6060



SPECIFICATIONS

Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	597 x 597 / 23.5 x 23.5
Beam Angle	115° (Standard)
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	650W
Dimension (mm/inch)	662 x 708 x 187 / 26 x 27.9 x 7.4 (WHD)
Weight (kg/lbs)	19.2 / 42.3

PHOTOMETRIC DATA LUX

Standard Diffuser / 3m (115°)	2295
Standard Diffuser / 5m (115°)	900
Standard Diffuser / 7m (115°)	500
Standard Diffuser / 9m (115°)	361
Multi Array Lens / 3m (85°)	3000
Multi Array Lens / 5m (85°)	1250
Multi Array Lens / 7m (85°)	680
Multi Array Lens / 9m (85°)	410

ALPHA 3060



SPECIFICATIONS

Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	597 x 297 / 23.5 x 11.7
Beam Angle	115° (Standard)
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	450W
Dimension (mm/inch)	708 x 390 x 192 / 27.9 x 15.4 x 7.6 (WHD)
Weight (kg/lbs)	10 / 22

PHOTOMETRIC DATA LUX

Standard Diffuser / 3m (115°)	1113
Standard Diffuser / 5m (115°)	450
Standard Diffuser / 7m (115°)	245
Standard Diffuser / 9m (115°)	163
Multi Array Lens / 3m (85°)	1537
Multi Array Lens / 5m (85°)	560
Multi Array Lens / 7m (85°)	291
Multi Array Lens / 9m (85°)	178

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 High TLCI True Color
- 4 Flicker Free
- 5 Smart Touch Control
- 6 USB Firmware Upgrade
- 7 Long LED Lifetime

ALPHA 3045



SPECIFICATIONS

Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	447 x 297 / 17.6 x 11.7
Beam Angle	115° (Standard)
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	350W
Dimension (mm/inch)	563 x 390 x 192 / 22.2 x 15.4 x 7.6 (WHD)
Weight (kg/lbs)	8.1 / 17.9

PHOTOMETRIC DATA LUX

Standard Diffuser / 3m (115°)	780
Standard Diffuser / 5m (115°)	300
Standard Diffuser / 7m (115°)	168
Standard Diffuser / 9m (115°)	113
Multi Array Lens / 3m (85°)	1071
Multi Array Lens / 5m (85°)	392
Multi Array Lens / 7m (85°)	205
Multi Array Lens / 9m (85°)	128

ALPHA 3030



SPECIFICATIONS

Full Color Light	6 Color(RGBALC) + 2 White LED Engine
White Light	2,000~35,000K (VCT)
Color Rendition	CRI 95~99.5 / TLCI 95~99.5
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	297 x 297 / 11.7 x 11.7
Beam Angle	115° (Standard)
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	240W
Dimension (mm/inch)	413 x 390 x 192 / 16.3 x 15.4 x 7.6 (WHD)
Weight (kg/lbs)	6.6 / 14.6

PHOTOMETRIC DATA LUX

Standard Diffuser / 3m (115°)	583
Standard Diffuser / 5m (115°)	226
Standard Diffuser / 7m (115°)	128
Standard Diffuser / 9m (115°)	87
Multi Array Lens / 3m (85°)	801
Multi Array Lens / 5m (85°)	295
Multi Array Lens / 7m (85°)	155
Multi Array Lens / 9m (85°)	98

04 PRODUCTS DESCRIPTION

LED Fresnel Spot Light

FS Series

FS5000



SPECIFICATIONS

LED Chip	800W CSP LED
White Light	2,900~6,000K (VCT/FCT)
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	250 / 9.8
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	650W
Dimension (mm/inch)	328 x 404 x 464 / 12.9 x 15.9 x 18.3 (WHD)
Weight (kg/lbs)	12.3 / 27.1

PHOTOMETRIC DATA LUX

3m (50°)	4130
5m (50°)	1620
7m (50°)	850
9m (50°)	535

FS3000






SPECIFICATIONS




LED Chip	600W CSP LED
White Light	2,900~6,000K (VCT/FCT)
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	250 / 9.8
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	500W
Dimension (mm/inch)	328 x 404 x 464 / 12.9 x 15.9 x 18.3 (WHD)
Weight (kg/lbs)	12.3 / 27.1




PHOTOMETRIC DATA LUX

3m (50°)	2947
5m (50°)	1163
7m (50°)	615
9m (50°)	391

OPTIONAL ACCESSORIES

-  Manual yoke
-  DMX cable
-  Clamp

-  Pole operation yoke
-  Safety chain
-  Filter frame

-  Power cable
-  4 leaf barndoor
-  Soft box

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 Smart Touch Control
- 4 Halogen Alternative LED
- 5 High TLCI True Color
- 6 USB Firmware Upgrade
- 7 No Heavy Weight
- 8 Flicker Free
- 9 Long LED Lifetime

FS2000



SPECIFICATIONS

LED Chip	400W CSP LED
White Light	2,900~6,000K (VCT/FCT)
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	200 / 7.9
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	350W
Dimension (mm/inch)	287 x 357 x 415 / 11.3 x 14.1 x 16.3 (WHD)
Weight (kg/lbs)	8.7 / 19.2

PHOTOMETRIC DATA LUX

3m (50°)	1983
5m (50°)	773
7m (50°)	408
9m (50°)	250

FS1500



SPECIFICATIONS

LED Chip	400W CSP LED
White Light	2,900~6,000K (VCT/FCT)
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	200 / 7.9
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	250W
Dimension (mm/inch)	287 x 357 x 415 / 11.3 x 14.1 x 16.3 (WHD)
Weight (kg/lbs)	8.7 / 19.2

PHOTOMETRIC DATA LUX

3m (50°)	1395
5m (50°)	552
7m (50°)	297
9m (50°)	185

FS1000



SPECIFICATIONS

LED Chip	300W CSP LED
White Light	2,900~6,000K (VCT/FCT)
Dimming (%)	0~100 (16-bit)
Lens Diameter (mm/inch)	170 / 6.7
Beam Angle	15~55°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	200W
Dimension (mm/inch)	282 x 337 x 401 / 11.1 x 13.3 x 15.8 (WHD)
Weight (kg/lbs)	7.6 / 16.8

PHOTOMETRIC DATA LUX

3m (50°)	844
5m (50°)	331
7m (50°)	178
9m (50°)	110

04 PRODUCTS DESCRIPTION

New Version LED Panel Light

A-PLUS-J Series

A8-PLUS-J



SPECIFICATIONS

LED Chip	0.5W Full RGBW LED
White Light	2,500~10,000K (VCT)
Full Color Light	Full RGB+W
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	597 x 297 / 23.5 x 11.7
Beam Angle	115° (Standard)
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	400W
Dimension (mm/inch)	708 x 390 x 192 / 27.9 x 15.4 x 7.6 (WHD)
Weight (kg/lbs)	10 / 22

PHOTOMETRIC DATA LUX

Front side Micro Lens / 3m (115°)	1113
Front side Micro Lens / 5m (115°)	401
Front side Micro Lens / 7m (115°)	205
Front side Micro Lens / 9m (115°)	123
Flip Side Micro Lens / 3m (85°)	1527
Flip Side Micro Lens / 5m (85°)	550
Flip Side Micro Lens / 7m (85°)	281
Flip Side Micro Lens / 9m (85°)	168

A6-PLUS-J



SPECIFICATIONS

LED Chip	0.5W Full RGBW LED
White Light	2,500~10,000K (VCT)
Full Color Light	Full RGB+W
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	447 x 297 / 17.6 x 11.7
Beam Angle	115° (Standard)
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	300W
Dimension (mm/inch)	563 x 390 x 192 / 22.2 x 15.4 x 7.6 (WHD)
Weight (kg/lbs)	8.1 / 17.9

PHOTOMETRIC DATA LUX

Front side Micro Lens / 3m (115°)	750
Front side Micro Lens / 5m (115°)	270
Front side Micro Lens / 7m (115°)	138
Front side Micro Lens / 9m (115°)	83
Flip Side Micro Lens / 3m (85°)	1061
Flip Side Micro Lens / 5m (85°)	382
Flip Side Micro Lens / 7m (85°)	195
Flip Side Micro Lens / 9m (85°)	118

A4-PLUS-J



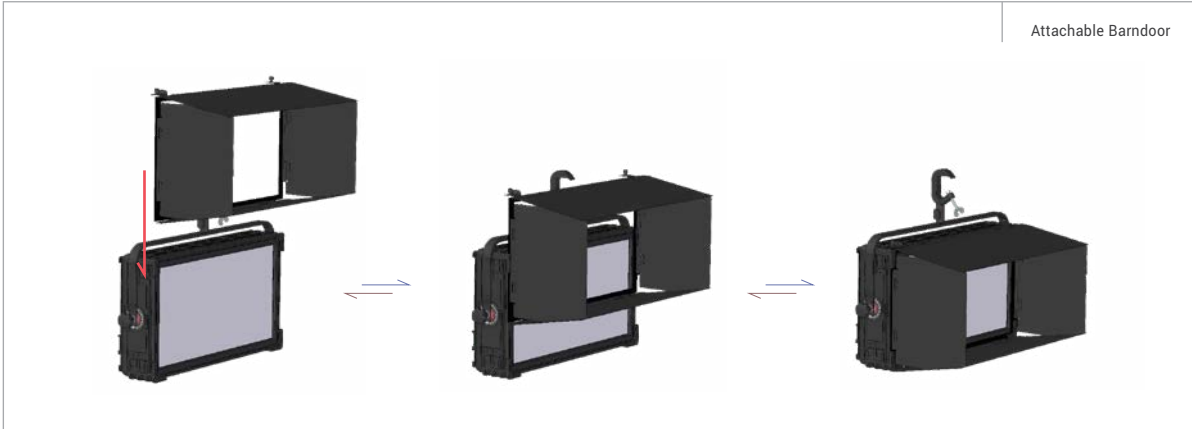
SPECIFICATIONS

LED Chip	0.5W Full RGBW LED
White Light	2,500~10,000K (VCT)
Full Color Light	Full RGB+W
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	297 x 297 / 11.7 x 11.7
Beam Angle	115° (Standard)
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	230W
Dimension (mm/inch)	413 x 390 x 192 / 16.3 x 15.4 x 7.6 (WHD)
Weight (kg/lbs)	6.6 / 14.6

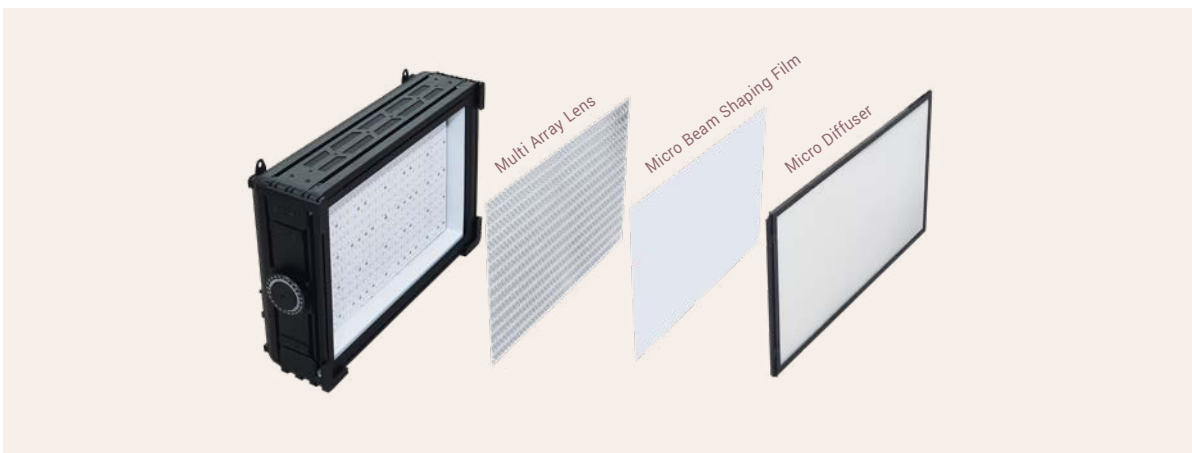
PHOTOMETRIC DATA LUX











Front side Micro Lens / 3m (115°)	558
Front side Micro Lens / 5m (115°)	201
Front side Micro Lens / 7m (115°)	103
Front side Micro Lens / 9m (115°)	62
Flip Side Micro Lens / 3m (85°)	791
Flip Side Micro Lens / 5m (85°)	285
Flip Side Micro Lens / 7m (85°)	145
Flip Side Micro Lens / 9m (85°)	88

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 High TLCI True Color
- 4 Flicker Free
- 5 Smart Touch Control
- 6 USB Firmware Upgrade
- 7 Long LED Lifetime



*** A6-PLUS-J [LENS SYSTEM]**



OPTIONAL ACCESSORIES		
 Clamp	 Manual yoke  DMX cable  Multi array lens	 Pole operation yoke  Safety chain  Diffuser lens
 Power cable  4 leaf barndoor  Soft box		

04 PRODUCTS DESCRIPTION

LED Panel Light

A-PLUS Series

1 Ultra HD Lighting Quality

4 Flicker Free

7 Long LED Lifetime

2 High CRI True Color

5 Smart Touch Control

3 High TLCI True Color

6 USB Firmware Upgrade

A8-PLUS



SPECIFICATIONS

LED Chip	0.5W / 3030 PKG / RGB5050 PKG
White Light	2,500~10,000K (VCT)
Full Color Light	Full RGB+W
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	571 x 240 / 22.5 x 9.5
Beam Angle	135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	400W
Dimension (mm/inch)	685 x 320 x 170 / 27 x 12.6 x 6.7 (WHD)
Weight (kg/lbs)	9.7 / 21.4

PHOTOMETRIC DATA LUX

3m (135°)	1040
5m (135°)	402
7m (135°)	213
9m (135°)	136

A6-PLUS






SPECIFICATIONS




LED Chip	0.5W / 3030 PKG / RGB5050 PKG
White Light	2,500~10,000K (VCT)
Full Color Light	Full RGB+W
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	369 x 238 / 14.5 x 9.4
Beam Angle	135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	300W
Dimension (mm/inch)	538 x 320 x 170 / 21.2 x 12.6 x 6.7 (WHD)
Weight (kg/lbs)	7 / 15.4



PHOTOMETRIC DATA LUX

3m (135°)	589
5m (135°)	235
7m (135°)	126
9m (135°)	80

OPTIONAL ACCESSORIES

-  Manual yoke
-  DMX cable
-  Soft box

-  Pole operation yoke
-  Safety chain
-  Honeycomb

-  Power cable
-  Clamp

A2460



SPECIFICATIONS

LED Chip	0.5W / 5050 PKG
White Light	2,900~6,000K (VCT)
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	571 x 240 / 22.5 x 9.5
Beam Angle	135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	300W
Dimension (mm/inch)	685 x 320 x 170 / 27 x 12.6 x 6.7 (WHD)
Weight (kg/lbs)	9.7 / 21.4

PHOTOMETRIC DATA LUX

3m (135°)	788
5m (135°)	310
7m (135°)	164
9m (135°)	104

A2440






SPECIFICATIONS




LED Chip	0.5W / 5050 PKG
White Light	2,900~6,000K (VCT)
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	369 x 238 / 14.5 x 9.4
Beam Angle	135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	200W
Dimension (mm/inch)	482 x 320 x 170 / 19 x 12.6 x 6.7 (WHD)
Weight (kg/lbs)	6.7 / 14.8



PHOTOMETRIC DATA LUX

3m (135°)	429
5m (135°)	200
7m (135°)	95
9m (135°)	60

OPTIONAL ACCESSORIES

-  Manual yoke
-  DMX cable
-  Soft box

-  Pole operation yoke
-  Safety chain
-  Honeycomb

-  Power cable
-  Clamp

04 PRODUCTS DESCRIPTION

LED Edge Panel Light

E Series

E3060



SPECIFICATIONS

LED Chip	0.5W 3030 PKG + Edge Reflector
White Light	2,900~6,000K (VCT)
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	632 x 300 / 24.9 x 11.8
Beam Angle	over 135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	300W
Dimension (mm/inch)	721 x 356 x 112 / 28.4 x 14 x 4.4 (WHD)
Weight (kg/lbs)	11.4 / 25.1

PHOTOMETRIC DATA LUX

3m (135°)	548
5m (135°)	225
7m (135°)	122
9m (135°)	76

E2440



SPECIFICATIONS

LED Chip	0.5W 3030 PKG + Edge Reflector
White Light	2,900~6,000K (VCT)
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	425 x 246 / 16.7 x 9.7
Beam Angle	over 135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	200W
Dimension (mm/inch)	514 x 302 x 112 / 20.2 x 11.9 x 4.4 (WHD)
Weight (kg/lbs)	7.75 / 17.1

PHOTOMETRIC DATA LUX

3m (135°)	349
5m (135°)	148
7m (135°)	82
9m (135°)	50

- 1 Ultra HD Lighting Quality
- 2 Side Reflection Lighting System
- 3 Quite (No Fan)
- 4 High CRI True Color
- 5 High TLCI True Color
- 6 Flicker Free
- 7 Smart Touch Control
- 8 USB Firmware Upgrade
- 9 Long LED Lifetime

E2040



SPECIFICATIONS

LED Chip	0.5W 3030 PKG + Edge Reflector
White Light	2,900~6,000K (VCT)
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	425 x 200 / 16.7 x 7.9
Beam Angle	over 135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	150W
Dimension (mm/inch)	514 x 256 x 112 / 20.2 x 10.1 x 4.4 (WHD)
Weight (kg/lbs)	6.8 / 15

PHOTOMETRIC DATA LUX

3m (135°)	277
5m (135°)	123
7m (135°)	69
9m (135°)	41

E1360






SPECIFICATIONS




LED Chip	0.5W 3030 PKG + Edge Reflector
White Light	2,900~6,000K (VCT)
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	632 x 130 / 24.9 x 5.1
Beam Angle	over 135°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	150W
Dimension (mm/inch)	721 x 186 x 112 / 28.4 x 7.3 x 4.4 (WHD)
Weight (kg/lbs)	7.3 / 16.1



PHOTOMETRIC DATA LUX

3m (135°)	277
5m (135°)	123
7m (135°)	69
9m (135°)	41

OPTIONAL ACCESSORIES

-  Manual yoke
-  Power cable
-  Clamp

-  Pole operation yoke
-  DMX cable
-  Honeycomb

-  Leg - light
-  Safety chain

04 PRODUCTS DESCRIPTION

LED Cyclorama / Horizont Light

CYC Series

- 1 Ultra HD Lighting Quality
- 2 Great Flat Brightness
- 3 Variety Color Representation
- 4 High Power LED
- 5 Flicker Free
- 6 Smart Touch Control
- 7 USB Firmware Upgrade
- 8 Long LED Lifetime

CYC500



SPECIFICATIONS

LED Chip	3W CREE XP-E × 108ea
Full Color Light	Full RGB + Amber + White + Royal Blue
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	450 × 115 / 17.7 × 4.5
Beam Angle	60° × 135° / 85° × 150° / 130° × 60° / 20° × 60° / 30° × 60° / 40° × 60°
Supported Protocols	DMX512 / DMX512 RDM / <i>OPTION</i> Wireless DMX512 / <i>OPTION</i> Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	300W
Dimension (mm/inch)	556 x 193 x 186 / 21.9 x 7.6 x 7.3 (WHD)
Weight (kg/lbs)	8.6 / 19

*** Light Distribution [(W)6m x (H)8m]**



*** Light Distribution [(W)12m x (H)8m]**



OPTIONAL ACCESSORIES

 Leg - light

 Leg - hard

 Power cable

 DMX cable

 Safety chain

 Clamp

PS750C



SPECIFICATIONS

LED Chip	350W CSP LED
white Light	2,500~10,000K (VCT)
Full Color Light	Full RGB + Amber + Lime + Cyan (6Color Gamut with Hue and Saturation Control)
Dimming	0~100 (16-bit)
Beam Angle	18°~38° / 5°~10° / 9°~18° / 19° / 36° / 50°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	250W
Dimension	745 x 294 x 294 / 29.3 x 11.6 x 11.6 (WHD)
Weight (kg / lbs)	5.6 / 12.3

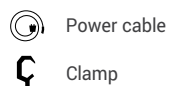
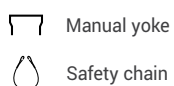
PS750W



SPECIFICATIONS

LED Chip	400W CSP/COB LED
Full Color Light	2,900~6,000K (VCT)
Dimming	0~100 (16-bit)
Beam Angle	18°~38° / 5°~10° / 9°~18°
Supported Protocols	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / Wireless RDM
Power Input Voltage	AC 100-240V 50/60Hz
Power Consumption (Max)	250W
Dimension	745 x 294 x 294 / 29.3 x 11.6 x 11.6 (WHD)
Weight (kg / lbs)	5.6 / 12.3

OPTIONAL ACCESSORIES



04 PRODUCTS DESCRIPTION

LED Downlight

DL Series

DL100



SPECIFICATIONS

LED Chip	100W
White Light	3200K / 5600K (FCT)
Dimming (%)	0~100 (16-bit)
Cut-off Size Diameter (mm/inch)	205-230 / 8.1-9.1
Tilt	±27°
Beam Angle	30° / 40° / 65°
Supported Protocols	DMX512
Power Input Voltage	AC 100-240V
Power Consumption (Max)	85W
Dimension (mm/inch)	ø250 x 160
Weight (kg/lbs)	1.55 / 3.4

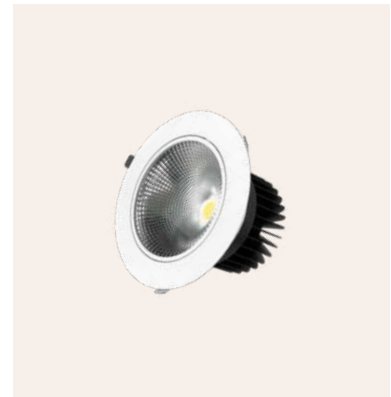
DL50



SPECIFICATIONS

LED Chip	50W
White Light	3200K / 5600K (FCT)
Dimming (%)	0~100 (16-bit)
Cut-off Size Diameter (mm/inch)	205-230 / 8.1-9.1
Tilt	±27°
Beam Angle	30° / 40° / 65°
Supported Protocols	DMX512
Power Input Voltage	AC 100-240V
Power Consumption (Max)	52W
Dimension (mm/inch)	ø250 x 126
Weight (kg/lbs)	1.25 / 2.8

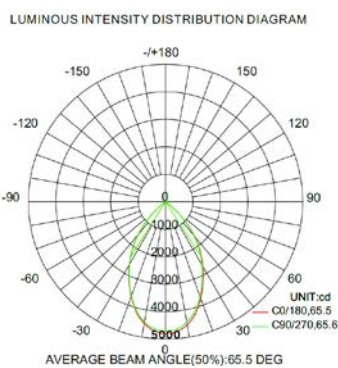
DL30



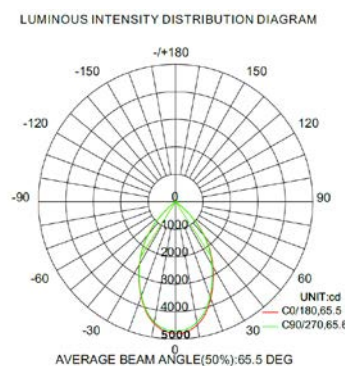
SPECIFICATIONS

LED Chip	35W
White Light	3200K / 5600K (FCT)
Dimming (%)	0~100 (16-bit)
Cut-off Size Diameter (mm/inch)	142-155 / 5.6-6.1
Tilt	±27°
Beam Angle	30° / 40° / 60°
Supported Protocols	DMX512
Power Input Voltage	AC 100-240V
Power Consumption (Max)	32W
Dimension (mm/inch)	ø170 x 120
Weight (kg/lbs)	0.85 / 1.9

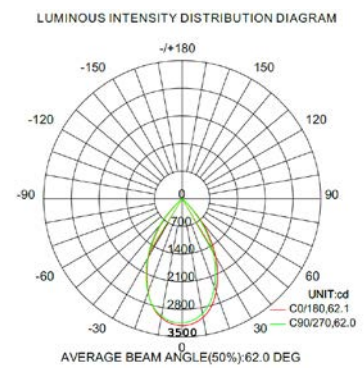
DL100 | 60°



DL50 | 60°



DL30 | 60°



1 High CRI True Color
4 Long LED Lifetime

2 High TLCI True Color

3 Flicker Free

DLT50



SPECIFICATIONS

LED Chip	50W
White Light	3200K / 5600K (FCT)
Dimming	0~100 (16-bit)
Cut-off Size Diameter (mm/inch)	175-183 / 6.9-7.2
Tilt	±27°
Beam Angle	15° / 24° / 40° / 60°
Supported Protocols	DMX512
Power Input Voltage	AC 100-240V
Power Consumption (Max)	52W
Dimension (mm/inch)	ø190 x 130

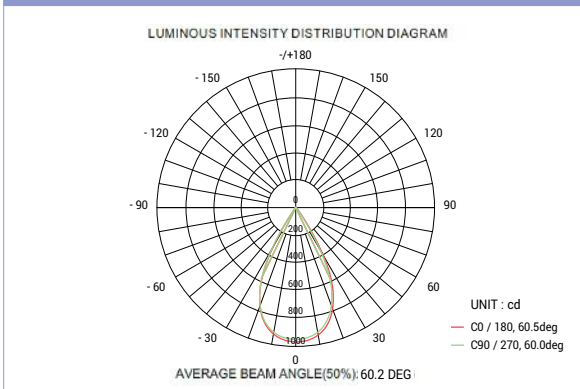
DLT30



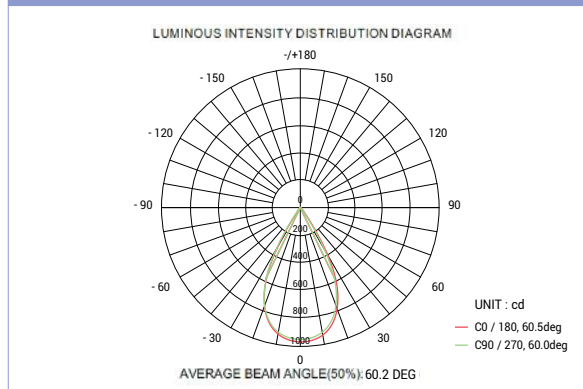
SPECIFICATIONS

LED Chip	35W
White Light	3200K / 5600K (FCT)
Dimming	0~100 (16-bit)
Cut-off Size Diameter (mm/inch)	145-153 / 5.7-6
Tilt	±27°
Beam Angle	15° / 24° / 40° / 60°
Supported Protocols	DMX512
Power Input Voltage	AC 100-240V
Power Consumption (Max)	32W
Dimension (mm/inch)	ø160 x 135

DLT50 | 60°



DLT30 | 60°



04 PRODUCTS DESCRIPTION

LED Track Light

TL Series

1 High CRI True Color

2 High TLCI True Color

3 Flicker Free

4 Long LED Lifetime

TL30 FOCUS ZOOM



SPECIFICATIONS

LED Chip	32W
White Light	5600K (FCT)
Dimming (%)	0~100 (16-bit)
Track Adapter	2-way, 3-way, 4-way, 6-way
Tilt	90°
Beam Angle	5°- 20° Shapable Round / Square / Rectangle
Supported Protocols	DMX512 with Controller
Power Input Voltage	AC 200-240V
Power Consumption (Max)	28.8W
Dimension (mm/inch)	ø88 x 300
Weight (kg/lbs)	2 / 4.4

TL30 ZOOM SPOT



SPECIFICATIONS

LED Chip	32W
White Light	5600K (FCT)
Dimming (%)	0~100 (16-bit)
Track Adapter	2-way, 3-way, 4-way, 6-way
Tilt	90°
Beam Angle	15°- 60° zoomable
Supported Protocols	DMX512 with Controller
Power Input Voltage	AC 200-240V
Power Consumption (Max)	28.8W
Dimension (mm/inch)	ø90 x 196
Weight (kg/lbs)	1.1 / 2.4

TL30



SPECIFICATIONS

LED Chip	32W
White Light	5600K (FCT)
Dimming (%)	0~100 (16-bit)
Track Adapter	2-way, 3-way, 4-way, 6-way
Tilt	90°
Beam Angle	30° / 40° / 60°
Supported Protocols	DMX512 with Controller
Power Input Voltage	AC 200-240V
Power Consumption (Max)	28.8W
Dimension (mm/inch)	ø99 x 150
Weight (kg/lbs)	1.5 / 3.3

* TRACK LIGHT CONTROLLER



OPTIONAL ACCESSORIES



4 leaf barndoor



Diffuser



Honeycomb

LED Desk Pad

Beauty Soft Light

1 Ultra HD Lighting Quality

4 Wide Angle

7 Flicker Free

2 Side Reflection Lighting System

5 High CRI True Color

8 Long LED Lifetime

3 Quite (No Fan)

6 High TLCI True Color

DSPAD



SPECIFICATIONS

LED Chip	0.5W 3030 PKG + Edge Reflector
White Light	2,900~6,000K (VCT)
Dimming (%)	0~100 (16-bit)
Light Aperture Diameter (mm/inch)	215 × 65 / 8.5 × 2.5
Beam Angle	135°
Power Input Voltage	12.6V DC
Lighting Time (Battery)	2.5 hours
Power Consumption (Max)	18W
Dimension (mm/inch)	240 x 90 x 29 / 9.5 x 3.5 x 1.1 (WHD)
Weight (kg/lbs)	0.8 / 1.8

OPTIONAL ACCESSORIES



Bracket

04 PRODUCTS DESCRIPTION

Wireless Module

RX / TX

RX / TX



SPECIFICATIONS

Power Input Voltage	AC 100-240V / 50~60Hz
International License	Free ISM band on 2.4GHz
Operational Frequency Range	2,402~2,480MHz
Wireless Range	Up to 1,000M
Signal Control	5-Pin DMX In and Out / Antenna : RP-SMA female
Supported Protocol	DMX512 / DMX512 RDM / OPTION Wireless DMX512 / OPTION Wireless RDM
Dimension (mm/inch)	173 × 135 × 50 / 6.8 × 5.3 × 2 (WHD)
Weight (kg/lbs)	0.8 / 1.7
Protection Class	IP20

Introduction

Alpha Lite has an agreement with Lumen Radio in Sweden to partner with technology and information. Lumen Radio Wireless DMX products offers unprecedented reliability and will give you the trust you need to control your fixtures wirelessly. Based on advanced CRMX technology, the CRMX brings you all the advanced features, and CRMX utilizes the international license free ISM band on 2.4GHz.

CRMX TX is a DMX transmitter for one DMX universe of up to 512 channels at maximum refresh rate, and CRMX RX is a receiver for one DMX universe being transmitted by any CRMX transmitter. **Multiple CRMX TX units can be used together to transmit multiple DMX universes, allowing for easy system expansion.**

OPTIONAL ACCESSORIES

 Power cable

 DMX cable

 Clamp

LED LIGHTING FOR UHD BROADCASTING ALPHA LAITE PRODUCT CATALOG

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