

ReLite LED Kit FS6 HD Theater for ADB Warp

Product code:
F314Q0X0A

Last update:
30/10/2024



ReLite LED Kit FS6 HD Theater for ADB Warp

Introducing

● Fast LED retrofitting for ADB Warp, available in fixed white or with 6 RGBCLA colors, with light output comparable to halogen lamps.

Key Features

- Red, Green, Blue, Cyan, Lime, Amber light source, 20 bit color mixing
- Color mixing with hue and saturation control
- Green-Magenta adjustment
- CRI > 95
- CCT from 2.700 K to 10.000 K (through DMX Chart) or up to 20.000 K (through Display)
- Light output comparable to halogen lamp
- Smooth linear dimming
- Flicker-free ideal for TV/Broadcast installations
- Huge power savings (reduce your power consumption by over 90%) with almost no heat generated
- European Conformity certification

General

| | |
|---------------------------------------|---|
| ● LED Source | RGBCLA COB LED (Red, Green, Blue, Cyan, Lime, Amber) - Color mixing with hue and saturation control |
| ● CCT Range | ●●●●● 2.700 K → 20.000 K |
| ● Color Rendition Average | CRI > 95 |
| ● Green-Magenta adjustment | Continuously adjustable from full minus-green to full plus-green |
| ● Dimming | 8 or 16 bit, 5 selectable curves: Exponential, Logarithmic, Linear, Halo and Standard |
| ● Dimming Smooth Selection | Fast, Slow and Very Slow |
| ● Strobe | Electronic strobe, synchronized, random, pulse effect |
| ● Optical | Zoom range from 13° to 30° |
| ● Camera flicker control/Hz range | Yes: 20.000 Hz |
| ● Calibrated Cob | Yes |
| ● L80 Rating (hours to 80% output) | 50.000 Hours |

Electrical

| | |
|---------------------|---|
| ● Voltage Input | 90-240 V, 50/60 Hz, auto-sensing |
| ● Power Consumption | 290 W Maximum |
| ● Power Connection | In and Out PowerCON TRUE1 |
| ● Data Connection | In and Out DMX 5 pin locking XLR connectors |

Thermal

| | |
|----------------------|--|
| ● Fan (controllable) | Yes, 4 different settings: Silent, Studio, Auto, DMX regulated |
|----------------------|--|

Control

| | |
|---------------------|--|
| ● Protocols | DMX-512, RDM (Remote Device Management), Wireless (optional by LumenRadio) |
| ● RDM configuration | Yes |
| ● DMX Channels | 16 / 7 / 1 / Studio / RGB / Fine RGB / Sunrise Mode |
| ● Display | Graphic OLED |
| ● Software Upload | Through DMX input (With RDM interface code AC10011A001) |

Physical

| | |
|-----------------|--|
| ● Yoke | With clamp or customized fixing system for installation on the fixture |
| ● IP Rating | IP20 |
| ● Color options | Black (standard) |



ReLite LED Kit FS6 HD Theater for ADB Warp - Back View

DMX Charts

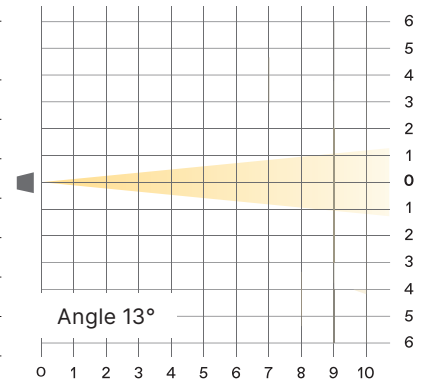
| | | | |
|-----------------------|-----------------------|---------------------------------|-----------------------|
| 16 Channels | 7 Channels | 1 Channel | Sunrise Mode |
| 01 → Master Dimmer | 01 → Master Dimmer | 01 → Master Dimmer - Color | 01 → Master Dimmer |
| 02 → Red | 02 → Red | Temperature Settable by Display | 02 → Dimmer Fine |
| 03 → Green | 03 → Green | | 03 → Proportional CCT |
| 04 → Blue | 04 → Blue | | 04 → Step CCT |
| 05 → Cyan | 05 → Cyan | Fine RGB Mode | 05 → Green Saturation |
| 06 → Lime | 06 → Lime | 01 → Master Dimmer | 06 → Special Function |
| 07 → Amber | 07 → Amber | 02 → Dimmer Fine | |
| 08 → Strobe Effect | | 03 → Red | Studio Mode |
| 09 → Dimmer Fine | RGB Mode | 04 → Red Fine | 01 → Master Dimmer |
| 10 → Special Function | 01 → Master Dimmer | 05 → Green | 02 → White Tone |
| 11 → Red Tone | 02 → Dimmer Fine | 06 → Green Fine | 03 → Green Saturation |
| 12 → Green Tone | 03 → Red | 07 → Blue | 04 → Saturation |
| 13 → Blue Tone | 04 → Green | 08 → Blue Fine | 05 → Hue |
| 14 → White Tone | 05 → Blue | 09 → White Tone | 06 → Dimmer Fine |
| 15 → Green Saturation | 06 → White Tone | 10 → Saturation | 07 → Special Function |
| 16 → Saturation | 07 → Saturation | 11 → Strobe | |
| | 08 → Strobe Effect | 12 → Special Function | |
| | 09 → Special Function | | |

ReLite LED Kit FS6 HD Theater

Measurements taken on ADB Warp

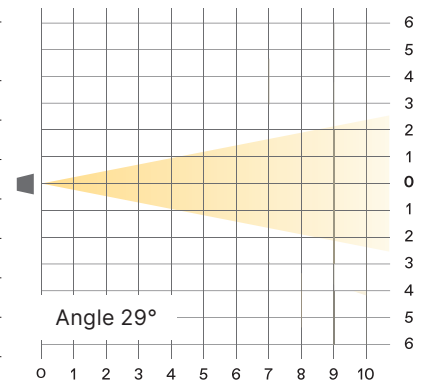
Minimum Zoom

| Distance(m) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------|--------|--------|-------|-------|-------|------|------|------|------|------|------|
| lux | RED | 20325 | 5081 | 2258 | 1270 | 813 | 565 | 415 | 318 | 251 | 203 |
| | GREEN | 68425 | 17106 | 7603 | 4277 | 2737 | 1901 | 1396 | 1069 | 845 | 684 |
| | BLUE | 11125 | 2781 | 1236 | 695 | 445 | 309 | 227 | 174 | 137 | 111 |
| | CYAN | 24125 | 6031 | 2681 | 1508 | 965 | 670 | 492 | 377 | 298 | 241 |
| | LIME | 151925 | 37981 | 16881 | 9495 | 6077 | 4220 | 3101 | 2374 | 1876 | 1519 |
| | AMBER | 97225 | 24306 | 10803 | 6077 | 3889 | 2701 | 1984 | 1519 | 1200 | 972 |
| | 3.200K | 213575 | 53394 | 23731 | 13348 | 8543 | 5933 | 4359 | 3337 | 2637 | 2136 |
| | 5.600K | 242325 | 60581 | 26925 | 15145 | 9693 | 6731 | 4945 | 3786 | 2992 | 2423 |
| ∅ (m) | | 0.23 | 0.46 | 0.68 | 0.91 | 1.14 | 1.37 | 1.60 | 1.82 | 2.05 | 2.28 |



Maximum Zoom

| Distance(m) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------|--------|-------|-------|------|------|------|------|------|------|------|------|
| lux | RED | 4875 | 1219 | 543 | 305 | 195 | 135 | 99 | 76 | 60 | 49 |
| | GREEN | 16125 | 4031 | 1792 | 1008 | 645 | 448 | 329 | 252 | 199 | 161 |
| | BLUE | 2700 | 675 | 300 | 169 | 108 | 75 | 55 | 42 | 33 | 27 |
| | CYAN | 5075 | 1269 | 564 | 317 | 203 | 141 | 104 | 79 | 63 | 51 |
| | LIME | 36300 | 9075 | 4033 | 2269 | 1452 | 1008 | 741 | 567 | 448 | 363 |
| | AMBER | 23300 | 5825 | 2589 | 1456 | 932 | 647 | 476 | 364 | 288 | 233 |
| | 3.200K | 51450 | 12863 | 5717 | 3216 | 2058 | 1429 | 1050 | 804 | 635 | 515 |
| | 5.600K | 57725 | 14431 | 6414 | 3608 | 2309 | 1603 | 1178 | 902 | 713 | 577 |
| ∅ (m) | | 0.52 | 1.03 | 1.55 | 2.07 | 2.59 | 3.10 | 3.62 | 4.14 | 4.66 | 5.17 |



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