SoftLite LED RGBW +

Product code: F126L000A

Last update: 29/03/2023

SoftLite LED RGBW +

Introducing

● **SoftLite Led**, the 250 W diffuse led light projector equipped with the revolutionary and unique reflected illumination system. Thanks to its innovative optical system, SoftLite Led delivers an extremely uniform output with incredibly soft shadows and a perfect color mixing (RBGW version): this is the reason why this fixture is considered the perfect LED replacement for traditional cyclorama or fill lights.
SoftLite Led provides **different DMX control modes** to allow the quick setup of the fixture in various application situations and a smooth **16 bit dimming** with a choice of **5 curve options available** (linear, logarithmic, exponential, halo and standard). The PWM frequencies can be adjusted from 600 up to 20.000 Hz either on board or via DMX for **flickerfree performance** and this makes the SoftLite Led the perfect tool for **professional lighting** both in **broadcast and theatre applications**. The extruded aluminum and steel housing integrates 4 different fan speed setting (silent, studio, auto, DMX regulated), that enables a low noise operation while a bright LED display permits an easy and intuitive configuration. **The double dissipation system** with air forced efficient heat pipe cooling and the adjustable fan ensure optimum operation without any danger of overheating. The fixture comes with either a manual or pole operated yoke. A set of accessories is also available to allow the control of the beam. Available in three different versions: **RGBW, Tungsten and VariWhite.**

Key Features

- RGBW color mixing with hue and saturation control, with pure color mixing throughout the field
- CRI> 90
- CCT all whites from 2.700 K → 10.000 K
- Diffuse LED light projector
- Reflection technology for a fully uniform illumination
- Horizontal 62° (1/2 peak angle) 110° (1/10 peak angle), vertical 54° (1/2 peak angle) 92° (1/10 peak angle)
- Aluminium extruded and steel body
- Tempered frontal polycarbonate (UV)
- Manual (standard) or Pole Operated Pan-Tilt (optional)
- European Conformity certification

General

● LED Source	96 Cree LEDs (24 Red, 24 Green, 24 Blue, 24 White) - RGB+W color mixing with hue and saturation control, with pure color mixing throughout the field
● CCT Range	● ● ● ● ● all whites 2.700 → 10.000 K
● Color Rendition Average	CRI> 90
● Green-Magenta Adjustment	Continuously adjustable (Full Minusgreen to Full Plusgreen)
● Dimming	8 or 16 bit, 5 selectable curves: Exponential, Logarithmic, Linear, Halo and Standard
● Dimming Smooth Selection	Fast, Slow and Very Slow
● Strobe	Synchronized, random or pulse electronic strobe
● Available Optics	Horizontal 62° (1/2 peak angle) 110° (1/10 peak angle), vertical 54° (1/2 peak angle) 92° (1/10 peak angle)
● Camera flicker control/Hz range	Guaranteed flicker-free operation with LEDs frequency controlled via DMX from 600 to 20.000 Hz
● L80 Rating (hours to 80% output)	50.000 Hours

Electrical

● Voltage Input	90-264 V, 50/60 Hz, auto-sensing
● Power Consumption	250 W Maximum - 1.2 A at 230 V, 2.43 A at 115 V - cosφ 0,9
● Power Connection	In and Out PowerCON TRUE1 Top connectors, 1,5 m. detachable POWERCON power cable with bare ends
● Data Connection	5 pin locking XLR

Thermal

● Ambient Operating Temperature	0°C - +40°C (32°F - 104°F)
● 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	14 / 8 / 7 / 4 / 1
● Display	Graphic OLED with on-board selector for quick setting
● Firmware upgrade	Through DMX with RDM Upgrade USB interface (code AC10011A001)

Physical

● Mounting options	Yoke (Manual or Pole Operated), 2 ground-standing feet
● Materials	Aluminium extruded and steel body - Tempered frontal polycarbonate (UV)
● Weight	9.6 Kg / 21.1 lbs
● Length	620 mm / 24.41 in
● Height	210.5 mm / 8.28 in - With bracket: 264.5 mm / 10.41 in
● Width	200mm / 7.87 in
● IP Rating	IP20 (available IP65 version)
● Color options	Black (standard), custom color on request (optional)

General Accessories

BC10026A002	4 leaf barndoor
BC10026A007	4 leaf barndoor intensifier + asymmetric diffuser
BC10026A008	Pole Operated Yoke
BC10026A001	Color frame holder
BC10026A003	Honeycomb - 6 mm / 0.24 in - 1/2 peak angle 7°
BC10026A004	Honeycomb - 10 mm / 0.39 in - 1/10 peak angle 16°
BC10026A005	Honeycomb XL
PC08052/1	2 ground standing feet
BC10026A006	Soft diffuser (different filter available)

SoftLite LED with various accessories

DMX Charts

14 Channels
01 → Master Dimmer
02 → Red
03 → Green
04 → Blue
05 → White
06 → Strobe Effect
07 → Dimmer Fine
08 → Special Functions
09 → Red Tone
10 → Green Tone
11 → Blue Tone
12 → White Tone
13 → Green Saturation
14 → Saturation

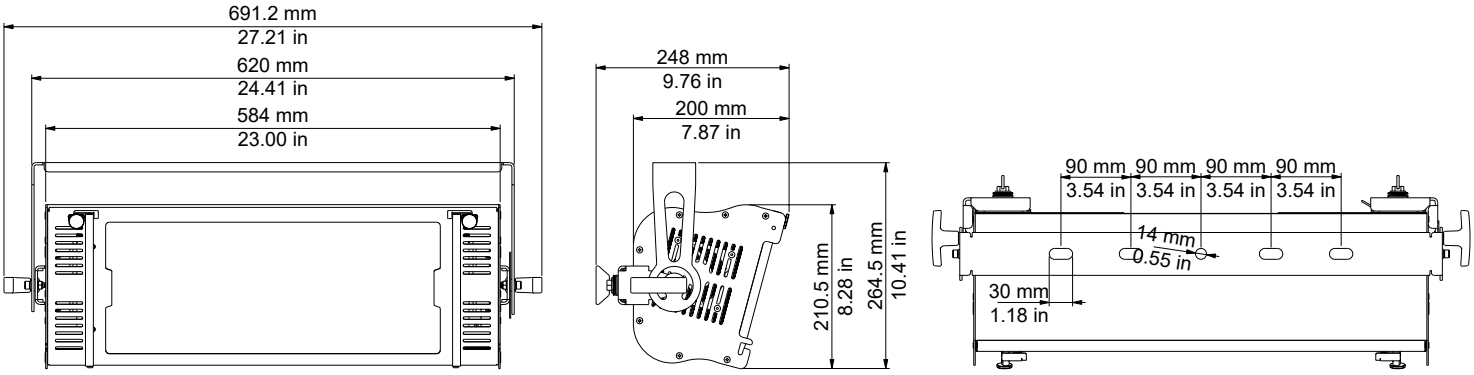
8 Channels
01 → Master Dimmer
02 → Red
03 → Green
04 → Blue
05 → White
06 → Strobe Effect
07 → Dimmer Fine
08 → Special Functions

7 Channels
01 → Master Dimmer
02 → Color Temperature
03 → Green Saturation
04 → Saturation
05 → Hue
06 → Dimmer Fine
07 → Special Functions

4 Channels
01 → Red
02 → Green
03 → Blue
04 → White

1 Channel
01 → Master Dimmer - Color Temperature Settable by Display

Drawing Size



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BC10026A005	Honeycomb XL	

PC08052/1	2 ground standing feet	
BC10026A006	Soft diffuser (different filter available)	

Theatre - Parktheater Iserlohn, Iserlohn, NRW, Germany

Product	SoftLite LED RGBW
CCT	RGBW
CRI	>90
Light Designer	Multisenses GmbH
Intallation	Multisenses GmbH
Dealer	VisionTwo

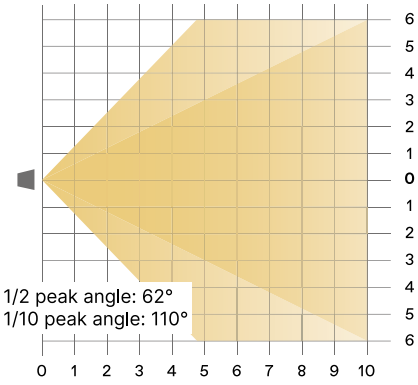
Broadcast - QVC, London, UK

Product	SoftLite LED RGBW
CCT	RGBW
CRI	>90

SoftLite LED RGBW

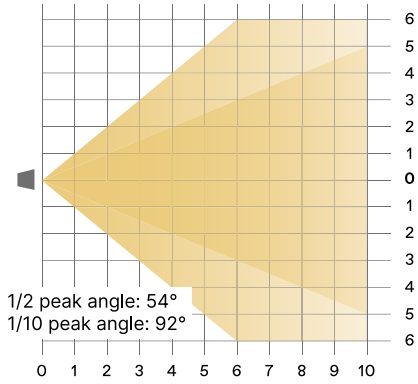
Optic: **Horizontal Beam**

Distance(m)		1	2	3	4	5	6	7	8	9	10
lux	RED	945	236	105	59	38	26	19	15	12	9
	GREEN	1.440	360	160	90	58	40	29	23	18	14
	BLUE	342	86	38	21	14	10	7	5	4	3
	WHITE	1.962	491	218	123	78	55	40	31	24	20
	3.200K	2.322	581	258	145	93	65	47	36	29	23
	4.000K	2.385	596	265	149	95	66	49	37	29	24
	5.600K	2.673	668	297	167	107	74	55	42	33	27
1/2 P.A. Ø (m)		1,20	2,40	3,61	4,81	6,01	7,21	8,41	9,61	10,82	12,02
1/10 P.A. Ø (m)		2,86	5,71	8,57	11,43	14,28	17,14	19,99	22,85	25,71	28,56



Optic: **Vertical Beam**

Distance(m)		1	2	3	4	5	6	7	8	9	10
lux	RED	945	236	105	59	38	26	19	15	12	9
	GREEN	1.440	360	160	90	58	40	29	23	18	14
	BLUE	342	86	38	21	14	10	7	5	4	3
	WHITE	1.962	491	218	123	78	55	40	31	24	20
	3.200K	2.322	581	258	145	93	65	47	36	29	23
	4.000K	2.385	596	265	149	95	66	49	37	29	24
	5.600K	2.673	668	297	167	107	74	55	42	33	27
1/2 P.A. Ø (m)		1,02	2,04	3,06	4,08	5,10	6,11	7,13	8,15	9,17	10,19
1/10 P.A. Ø (m)		2,07	4,14	6,21	8,28	10,36	12,43	14,50	16,57	18,64	20,71



● Coemar Lighting S.r.l.

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Coemar reserves the right to change specifications without prior notice.
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