



coemar

# SoftLite LED RGBW

Product code:  
F026L000A

Last update:  
16/04/2024

 softlite LED



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 (RGBW 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 3 curve options available (linear, logarithmic and exponential). The PWM frequencies can be adjusted from 600 up to 19.000 Hz either on board or via DMX for flicker-free 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 3 different fan speed setting (low, 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	Electronic 16 bit dimming with 3 selectable curves (exponential, logarithmic, linear)
● Strobe	Synchronized, random or pulse electronic strobe
● Beam Angle	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 19.000 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 - $\cos\phi$ 0,9
● Power Connection	In and Out PowerCON 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, 3 different options (low, auto, DMX regulated)
Control	
● Protocols	DMX-512, RDM (Remote Device Management)
● RDM configuration	Yes
● DMX Channels	14 / 8 / 7 / 4 / 1
● Display	LEDs display
● Interface	Setting, addressing, testing and measurements via LEDs display
Physical	
● Mounting options	Yoke (Manual or Pole Operated), 2 ground-standing feet
● Materials	Aluminum 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)

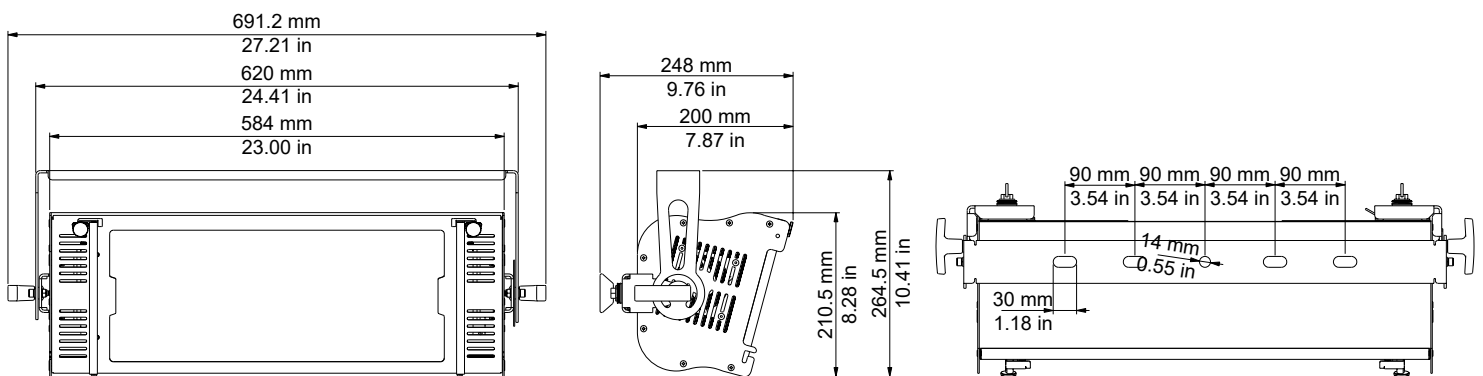









SoftLite LED with various accessories



DMX Charts

<b>14 Channels</b> 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	<b>8 Channels</b> 01 → Master Dimmer 02 → Red 03 → Green 04 → Blue 05 → White 06 → Strobe Effect 07 → Dimmer Fine 08 → Special Functions	<b>4 Channels</b> 01 → Red 02 → Green 03 → Blue 04 → White	<b>1 Channel</b> 01 → Master Dimmer - Color Temperature Settable by Display
	<b>7 Channels</b> 01 → Master Dimmer 02 → Color Temperature 03 → Green Saturation 04 → Saturation 05 → Hue 06 → Dimmer Fine 07 → Special Functions		

Drawing Size



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)	



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

CCT

CRI

SoftLite LED RGBW

RGBW

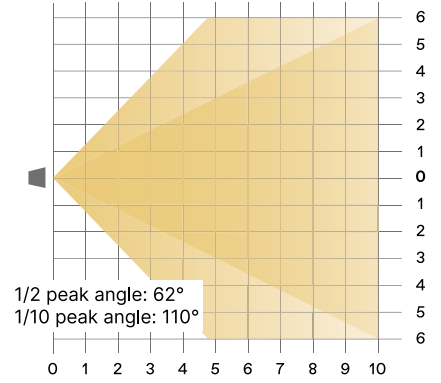
>90



### SoftLite LED RGBW

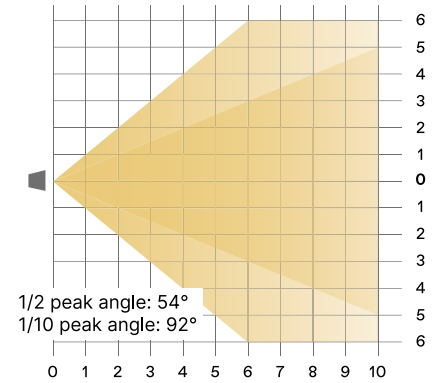
#### Optic: Horizontal Beam

Distance(m)	1	2	3	4	5	6	7	8	9	10
<b>RED</b>	945	236	105	59	38	26	19	15	12	9
<b>GREEN</b>	1.440	360	160	90	58	40	29	23	18	14
<b>BLUE</b>	342	86	38	21	14	10	7	5	4	3
<b>lux</b>										
<b>WHITE</b>	1.962	491	218	123	78	55	40	31	24	20
<b>3.200K</b>	2.322	581	258	145	93	65	47	36	29	23
<b>4.000K</b>	2.385	596	265	149	95	66	49	37	29	24
<b>5.600K</b>	2.673	668	297	167	107	74	55	42	33	27
<b>1/2 P.A. Ø (m)</b>	1,20	2,40	3,61	4,81	6,01	7,21	8,41	9,61	10,82	12,02
<b>1/10 P.A. Ø (m)</b>	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
<b>RED</b>	945	236	105	59	38	26	19	15	12	9
<b>GREEN</b>	1.440	360	160	90	58	40	29	23	18	14
<b>BLUE</b>	342	86	38	21	14	10	7	5	4	3
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<b>5.600K</b>	2.673	668	297	167	107	74	55	42	33	27
<b>1/2 P.A. Ø (m)</b>	1,02	2,04	3,06	4,08	5,10	6,11	7,13	8,15	9,17	10,19
<b>1/10 P.A. Ø (m)</b>	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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