

coemar

# SoftLite LED RGBW MK2

Code:  
F126L000A

Last update:  
13/11/2024

softLite LED



SoftLite LED RGBW MK2

#### Introducing

● **SoftLite Led**, the 320 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 **5 curve options available** (linear, logarithmic, exponential, halo and standard). **Flickerfree performance** thanks to the 20.000 Hz 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.

#### 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	171 Cree LEDs (54 Red, 39 Green, 39 Blue, 39 White) - RGB+W color mixing with hue and saturation control, with pure color mixing throughout the field
● CCT Range	● ● ● ● ● all whites 2.700 K → 10.000 K
● Color Rendition Average	CRI > 90
● Green-Magenta Adjustment	Continuously adjustable (Full Minusgreen to Full Plusgreen)
● Dimming	8 or 16 bit, 6 selectable curves: Exponential, Logarithmic, Linear, Halo, Standard and S
● 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	Yes: 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	320 W Maximum - 1.55 A at 230 V, 3.09 A at 115 V - $\cos\phi$ 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	10.5 Kg / 23.14 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
● 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

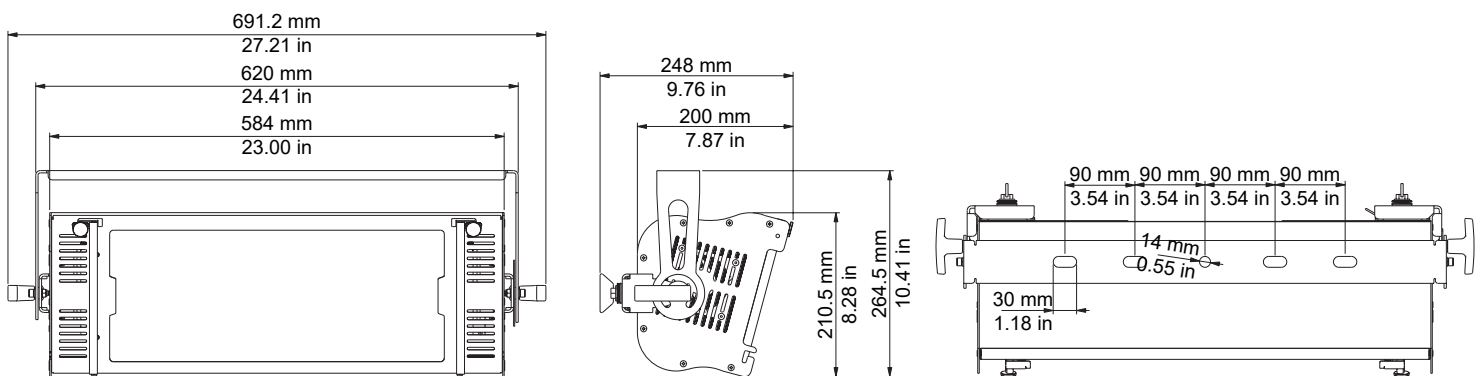
**4 Channels**








- 01 → Red
- 02 → Green
- 03 → Blue
- 04 → White



**1 Channel**

- 01 → Master Dimmer - Color Temperature Settable by Display

Drawing Size



<p>BC10026A002</p>	<p>4 leaf barndoor</p>	
<p>BC10026A007</p>	<p>4 leaf barndoor intensifier + asymmetric diffuser</p>	
<p>BC10026A008</p>	<p>Pole Operated Yoke</p>	
<p>BC10026A001</p>	<p>Color frame holder</p>	
<p>BC10026A003</p>	<p>Honeycomb - 6 mm / 0.24 in - 1/2 peak angle 7°</p>	
<p>BC10026A004</p>	<p>Honeycomb - 10 mm / 0.39 in - 1/10 peak angle 16°</p>	
<p>BC10026A005</p>	<p>Honeycomb XL</p>	

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

## SoftLite LED RGBW MK2

Distance(m)	1	2	3	4	5	6	7	8	9	10
<b>RED</b>	1089	272	121	68	44	30	22	17	13	11
<b>GREEN</b>	1773	443	197	111	71	49	36	28	22	18
<b>BLUE</b>	198	50	22	12	8	6	4	3	2	2
<b>WHITE</b>	1710	428	190	107	68	48	35	27	21	17
<b>FULL</b>	4590	1148	510	287	184	128	94	72	57	46

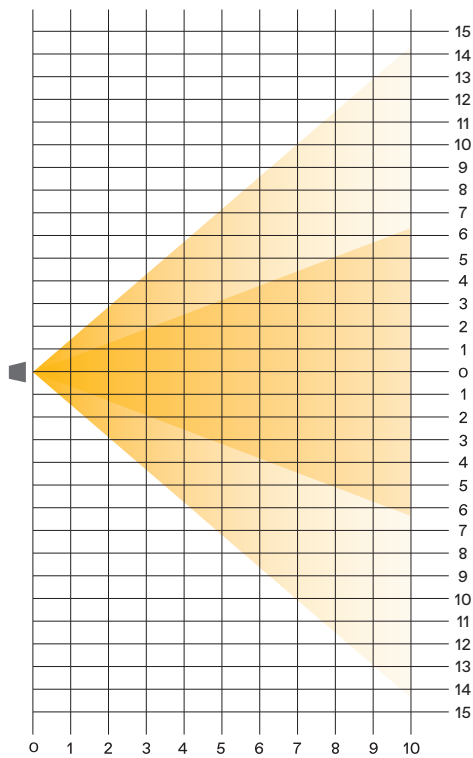
### Horizontal

<b>1/2 P.A 62° 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 110° Ø (m)</b>	2.86	5.71	8.57	11.43	14.28	17.14	19.99	22.85	25.71	28.56

### Vertical

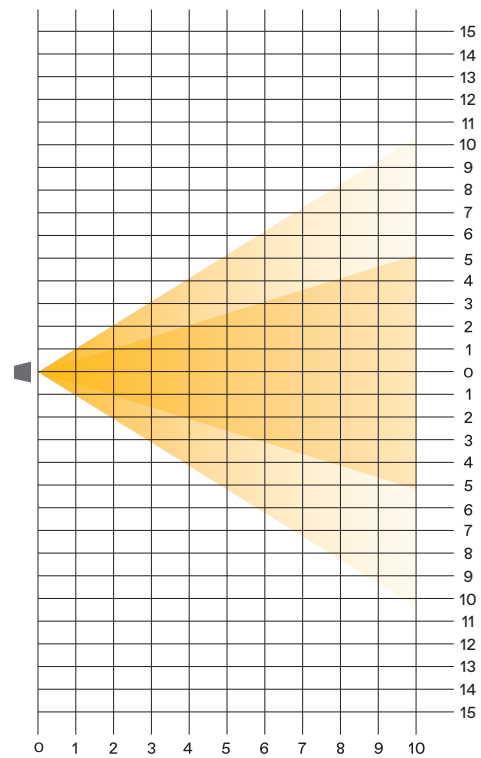
<b>1/2 P.A 54° Ø (m)</b>	1.02	2.04	3.06	4.08	5.10	6.11	7.13	8.15	9.17	10.19
<b>1/10 P.A 92° Ø (m)</b>	2.07	4.14	6.21	8.28	10.36	12.43	14.50	16.57	18.64	20.71

Horizontal



1/2 peak angle: 62°  
1/10 peak angle: 110°

Vertical



1/2 peak angle: 54°  
1/10 peak angle: 92°



● Coemar Lighting S.r.l.

Via Carpenedolo, 90  
46043, Castiglione delle Stiviere (MN) – Italy

P. +39 0376 1514412

M1. info@coemar.com

M2. service@coemar.com

W. coemar.com

P.iva – C.f. 02415330204

