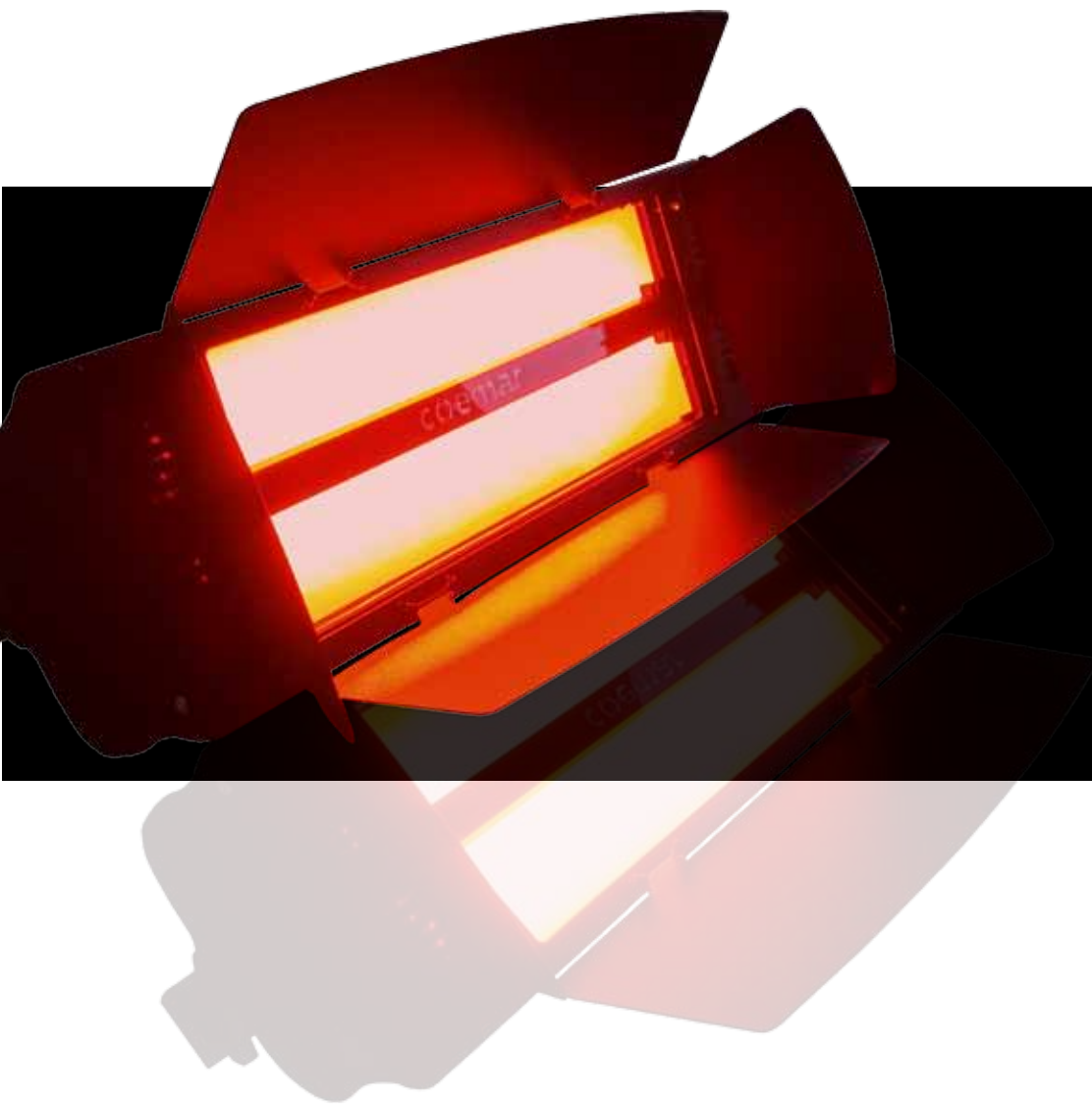# Technical Brochure

coemar
Light Emotion

Preview

SoftLite Led
RGBW

LiteLedSeries

SoftLite Led
RGBW

KEY FEATURES

- RGBW color mixing
- LED soft light, ideal for broadcast segment
- White ranging from 2.700 K to 10.000 K with color rendering index greater than 90 (CRI>90)
- Plus minus green correction
- Color saturation adjustment
- Indirect fully uniform illumination
- Smooth 16 bit dimmer
- Flicker-free operation with LEDs frequency controlled via DMX from 600 Hz to 19000 Hz
- 220 W LED light source
- The fan setting allows three options : low, auto, DMX regulated

SoftLite Led

SPECIFICATIONS

RBG+W colour mixing with Hue and Saturation control, with pure color mixing throughout the field and all whites from 2700 to 10000 K
Green-Magenta Adjustment
Electronic dimmer from 0% to 100%
Light project angle of 120°
Electronic control of the cooling system
Tempered frontal policarbonate (UV)
Guaranteed Flicker-free operation, LEDs frequency controlled via DMX from 600 Hz to 19000 Hz
Fan setting with 3 different options (low, auto, DMX regulated)
Aluminium extruded and steel body
Double dissipation system: air forced heat pipe and fan

PHYSICAL SIZE

Length: 602 mm (23.7 in)
Height: 208.2 mm (8.2 in)
Height with bracket: 270.8 mm (10.6 in)
Weight: 9.6 Kg (21.1 lbs)

LIGHT SOURCE

96 Cree LEDs, 24 Red, 24 Green, 24 Blue, 24 White

CONTROL PROTOCOL AND PROGRAMMING

USITT DMX512/1990
Setting, addressing, testing and measurements via LEDs display
Remote Device Management (RDM)

ELECTRICAL SPECIFICATIONS/CONNECTIONS

| |
|---|
| AC power: 90-240V, auto sensing, 50/60 Hz, 2 m (6.6 ft) PowerCon cable without power plug |
| In and Out PowerCon connectors to feed up to 10 (at 230 VAC) or 5 (90 VAC) |
| Power consumption: 1.2 A at 230 V, 2.43 A at 115V - cosφ 0,9 |
| DMX data in/out: XLR 3 M/F and 5 M/F |

Picture	Code	Description
	BC10026A002	4 leaf barndoor
	BC10026A007	White 4 leaf barndoor + optional white flag
	BC10026A001	Color frame holder
	BC10026A003	Honeycomb (6 mm)
	BC10026A004	Honeycomb (10 mm)
	BC10026A005	Honeycomb XL

Picture	Code	Description
	BC10026A006	Soft diffuser (Different filters available)

691,5 mm
27,2 in

200 mm
7,9 in

211 mm
8,3 in

coemar

620 mm
24,4 in
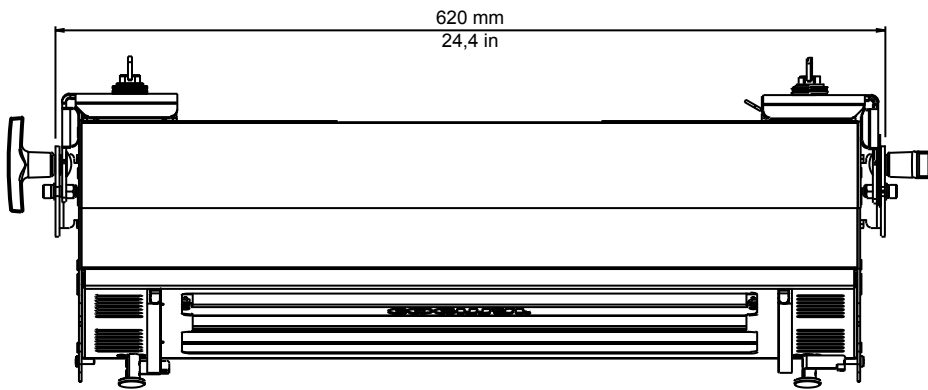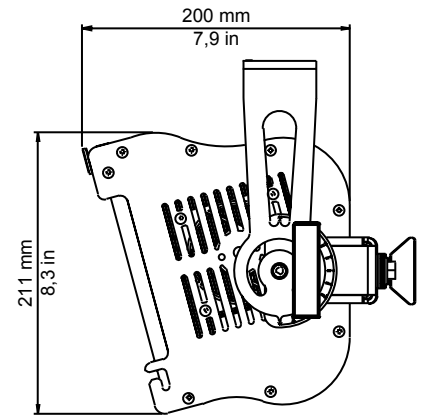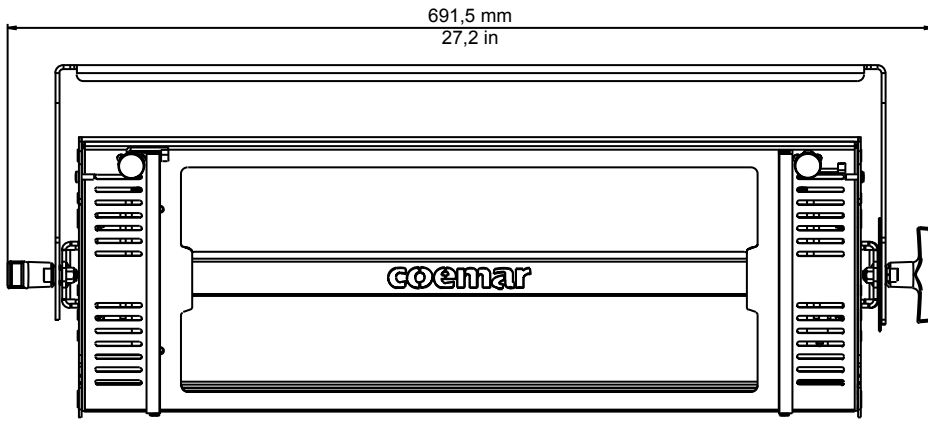
DMX Chart 14 Channels	
channel	effect
1	Master dimmer
2	Red
3	Green
4	Blue
5	White
6	Strobe effect
7	Dimmer fine
8	Special functions
9	Red tone
10	Green tone
11	Blue tone
12	White tone
13	Green saturation
14	Saturation

DMX Chart 7 Channels	
channel	effect
1	Master dimmer
2	Color temperature
3	Green saturation
4	Saturation
5	Hue
6	Dimmer fine
7	Special function

DMX Chart 4 Channels	
channel	effect
1	Red
2	Green
3	Blue
4	White

DMX Chart 8 Channels	
channel	effect
1	Master dimmer
2	Red
3	Green
4	Blue
5	White
6	Strobe effect
7	Dimmer fine
8	Special functions

DMX Chart 1 Channels	
channel	effect
1	Master dimmer (color temperature settable by display)

Distance (m.)	1	2	3	4	5	6	7	8	9	10
FULL	3600	900	400	225	144	100	73	56	44	36
RED	675	169	75	42	27	19	14	11	8	7
GREEN	1143	286	127	71	46	32	23	18	14	11
BLUE	243	61	27	15	10	7	5	4	3	2
WHITE	1881	470	209	118	75	52	38	29	23	19
1/2 peak angle ø (m.)	1.35	2.70	4.05	5.40	6.75	8.09	9.44	10.79	12.14	13.49
1/10 peak angle ø (m.)	3.14	6.28	9.42	12.56	15.70	18.84	21.98	25.11	28.25	31.39

Luminous emittance (Lux)
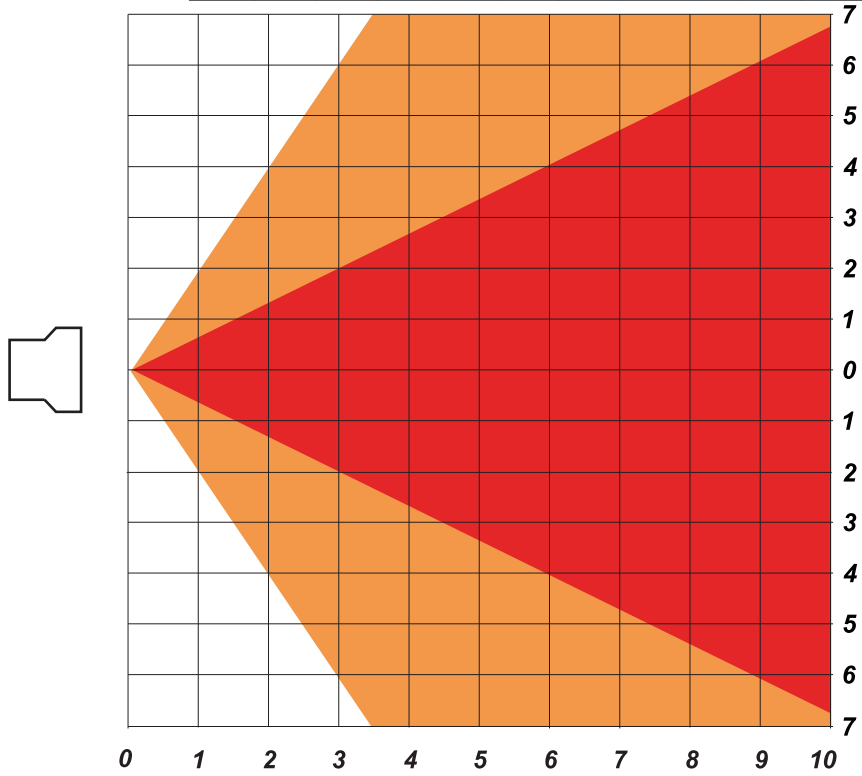
1/2 peak angle: 68°   **1/10 peak angle: 115°**