



15-06 Morlot Avenue, Fair Lawn, NJ 07410 USA Tel: (201) 796-2690 Fax: (201) 796-8818

info@articulight.com

articulight@aol.com

www.articulight.com

## LED SERIES

### CHROMA MB

#### Mega Bright IP65 LED Color Changer

Aptly named, the CHROMA MB (Mega Bright) range consists of a variety of LED fixtures using 1w, 3w or 5w LEDs with advance color mixing with RGB (red, green and blue) and RGBAW (red, green, blue, amber, warm white and white) designed to meet diverse applications in architectural, entertainment, retail and display.

The RGBAW version, an ingenious configuration, provides designers with the flexibility to light with a bold single color or project a wide range of dramatic color effects from a single LED fixture. By adding Amber, Warm White to the RGB color mixing process, a better range of warmer colors can be achieved, resulting in an enhanced color gamut and therefore superior color rendition index (up to 80%). By using the standard White LED bulb you can produce a true white with a high color temperature.

The products are arranged according to the number of total LED bulbs. There are variations and the number of the LED bulbs in the same size fixture can come in 1w, 3w or 5w version. Projection distances vary according to the size of the fixture, the fixture's total light output, and the beam angle selected. The narrower the beam angle is, the further the projection distance can go and vice versa: the wider the beam angle is, the shorter the projection distance can go. Obviously, the highest light output per lumen is in the white and yellow range. Choose the model that is suitable to your application.

**MONO COLOR VERSIONS ARE AVAILABLE UPON REQUEST AND ARE ON SPECIAL ORDER BASIS ONLY.**

IP 65



## FEATURES AND BENEFITS

- 5 DMX channels selectable for numerous applications
  - Equipped with 1w, 3w or 5w LED bulbs, depending on model
  - High power LEDs
  - Up to 100,000 hours LED life depending on model
  - Millions and billions of colors depending on model
  - Automatic power supply between 85-240 V
  - For architectural lighting or large stage backgrounds as well as display and retail
  - Suitable for exterior and interior use, IP 65
- <http://articulight.com/acc/IPRatings.html>
- Compact and lightweight housing
  - Smooth RGB and RGBWA color changing
  - Programmable color change speed and strobe effect
  - DMX-controlled operation or stand alone operation with Master/Slave-function
  - Strobe effect with 1-18 flashes per second
  - Programmed chaser
  - Built-in programs can be called up via DMX-controller
  - Rainbow effect with adjustable speed
  - Advantages of LED-technology: extremely long life, low power consumption, minimal heat emission, virtually maintenance free with brilliant light projection
  - DMX-control via every standard DMX-controller
  - Operating Temperature: -20°C ~ +45°C
  - Beam Angle: 6°, 10°, 15°, 30° (Choose one when ordering)
  - Anodized aluminum alloy housing and a variety of finishes to meet different applications
  - Convection cooling, no fans, silent operation.
  - Can operate in vertical, horizontal or inverted positions, and can be positioned on the floor or ground, ceiling, roof or fitted to trusses.



### 3 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance (Maximum)
WD03RGB/5	L598x W125x H94mm	1R 1G 1B 5W LED BULB	15W	4.5kg	10m

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.

## 6 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance(Maximum)
WD06RGB/5	L598xW125x H94mm	2R 2G 2B 5W LED BULB	30W	9kg	10m

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## 9 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance
WD09RGB	L294xW125x H94mm	3R 3G 3B 1W LED BULB	9W	5kg	10m

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## 15 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance
WL15RGBAW	L500xW160x H80mm	RGB A WW W 1W LED BULB	15W	5kg	10m
WL15RGB	L500xW160x H80mm	5R 5G 5B 1W LED BULB	15W	5kg	10m

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MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance
WD15RGB	L446xW125x H94mm	5R 5G 5B 1W LED BULB	15W	6.5kg	10m

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## 18 LEDs



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance
WD18RGBAW	L330xW135x H125mm	3R 3G 3B 3A 3WW 3W 1W LED BULB	18W	4.5kg	15m
WD18RGB	L330xW135x H125mm	6R 6G 6B 1W LED BULB	18W	4.5kg	15m
WD18RGB/3	L330xW135x H125mm	6R 6G 6B 3W LED BULB	54W	4.5kg	15m



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance
WDL18RGB	L285xW144x H120mm	6R 6G 6B 1W LED BULB	18 W	4.5kg	15m



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance
WR18RGBAW	L180xW235x H280mm	3R 3G 3B 3A 3WW 3W 1W LED BULB	18W	4.5kg	15m
WR18RGB	L180xW235x H280mm	6R 6G 6B 1W LED BULB	18W	4.5kg	15m
WR18RGB/3	L180xW235x H280mm	6R 6G 6B 3W LED BULB	54W	4.5kg	15m

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### 21 LEDs



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance
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WD21RGB	L598xW125x H94mm	7R 7G 7B 1W LED BULB	21W	8kg	20m
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### 30 LEDs



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance(Maximum)
WD30RGBAW	L330xW235x H180mm	5R 5G 5B 5A 5WW 5W 1W LED BULB	30W	7kg	25m
WD30RGB	L330xW235x H180mm	10R 10G 10B 1W LED BULB	30W	7kg	25m
WD30RGB/3	L330xW235x H180mm	10R 10G 10B 3W LED BULB	90W	7kg	25m



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance(Maximum)
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WL30RGBAW	L1000xW160 xH80mm	5R 5G 5B 5A 5WW 5W 1W LED BULB	30W	10kg	25m
WL30RGB	L1000xW160 xH80mm	10R 10G 10B 1W LED BULB	30W	10kg	25m

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### 36 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance (Maximum)
WD36RGBAW	L550xW135 xH125mm	6R 6G 6B 6A 6WW 6W 1W LED BULB	36W	9kg	30m
WD36RGB	L550xW135 xH125mm	12R 12G 12B 1W LED BULB	36W	9kg	30m
WD36RGB/3	L550xW135 xH125mm	12R 12G 12B 3W LED BULB	108W	9kg	30m

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### 60 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance (Maximum)
WD60RGBAW	L550xW235 xH180mm	10R 10G 10B 10A 10WW 10W  1W LED BULB	60W	15kg	50m
WD60RGB	L550xW235 xH180mm	20R 20G 20B 1W LED BULB	60W	15kg	50m
WD60RGB/3	L550xW235 xH180mm	20R 20G 20B 3W LED BULB	180W	15kg	50m

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## 72 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance (Maximum)
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WD72RGBAW	L1000xW135 xH125mm	12R 12G 12B 12A 12WW 12W 1W LED BULB	72W	30kg	60m
WD72RGB	L1000xW135 xH125mm	24R 24G 24B 1W LED BULB	72W	30kg	60m
WD72RGB/3	L1000xW135 xH125mm	24R 24G 24B 3W LED BULB	216W	30kg	60m

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### 120 LEDS



MODEL	DIMENSIONS	LED No.	Power consumption	Weight	Projection Distance (Maximum)
WD120RGBAW	L1000xW235 xH180mm	20R 20G 20B 20A 20WW 20W 1W LED BULB	120W	45kg	70m
WD120RGB	L1000xW235 xH180mm	40R 40G 40B 1W LED BULB	120W	45kg	70m
WD120RGB/3	L1000xW235 xH180mm	40R 40G 40B 3W LED BULB	360W	45kg	70m

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