



Why only have only 7 colours from 1 wheel or a selection of a few colours from 2 wheels when you can have full RGBW control? The 100W of RGBW LED complete with 8 bit dimming control per colour will provide a palette with limitless options and unparalleled precision. Featuring an indexable, replaceable and rotating gobo wheel and a fixed gobo wheel, multiple prisms and frost, iris, electronically controlled focus and all standard features including battery powered menu, RDM, DMX upgradable, large flippable LCD and an automatic temperature controlled fan, this unit will ensure fantastic results every time!

## Details

Input Voltages: 100V~240V AC, 50/60Hz

Power Consumption: 180W

Light source: advanced 100W RGBW LED module

Power Connection: Neutrik® Powercon input and output connection

LED life: 60,000 hours

Lux: 8500 lumen, 7780 lux RGBW full on @2.5M

Beam angle: 13°

PWM: 1,200Hz

Colors: full color

Gobos: 1pc 7 + open fixed gobo wheel, 1pc 7 + open interchangeable rotating gobo wheel (outside Ø27mm, inside Ø22mm)

Effect: 3 facets, 8 facets prism, frost, fast speed iris

Dimmer: 0-100% dimmer

Strobe: 0.5 - 26 Hz

Focus: linearly focusing controlled by DMX

Head movement: Pan: 630°(4.0 sec) or 540°(3.58 sec), Tilt 265°(2.8 sec). 16-bit resolution, auto repositioning

Control: DMX512, 3-pin XLR interfaces, 26/33/17/18 channel mode

Other function: wireless DMX is available

2.4 inch colour LCD display with back-up power.

Thermostat Controlled, variable speed fan

RDM and software upgrade via DMX.

Net weight: 13Kg

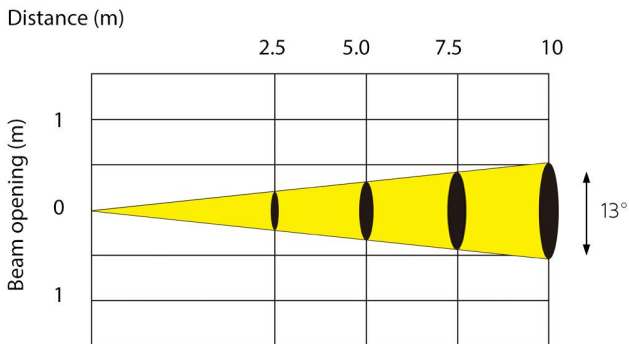
Overall Size: 343x262x456mm

Rigging: 1pc omega brackets with 1/4 – turn quick locks

Road case available

# M1S100RGBW Tech Specs

## Photometric Data



Distance (m)	2.5	5.0	7.5	10
Diameter (m)	Ø0.59	Ø1.14	Ø1.7	Ø2.25
LUX Intensity				
R	1139	299	178	130
G	3293	838	420	255
B	470	118	107	83
W	3446	875	441	275
Full	7780	1971	941	568

## Static & Rotating Gobos

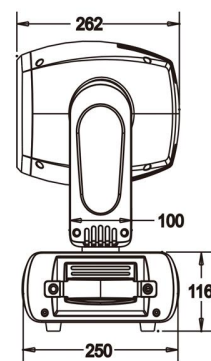
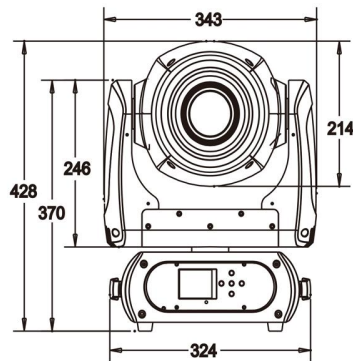
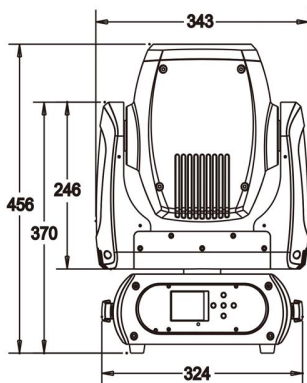
### Static gobos



### Rotating gobos



## Dimensional Diagrams



## DMX Chart

CH1	Pan	0 → 630/540°
CH2	Tilt	0 → 265°
CH3	Speed	0 → Pan/Tilt → 255
CH4	Shutter Function	Normal  Pulse  Random
CH5	Shutter	Open  Slow  Fast
CH6	Dimmer	0  255
CH7	Color Function	Slow  Fa
CH8	Color1	(3200k 4200k 5600k 8000k) 0  2st
CH9	Color2	5
CH10	Red	0->100%
CH11	Green	0->100%
CH12	Blue	0->100%
CH13	White	0->100%
CH14	Rot Gobo Function	
CH15	Rotating Gobo	
CH16	GoboRot Function	
CH17	Gobo Rot	0 → 250
CH18	Gobo Function	
CH19	Static Gobo	
CH20	Prism	
CH21	Prism Rot	0 → 127  128 → 255
CH22	Focus Function	0  255 (5, 7.5, 10, 15, 20) m
CH23	Focus	
CH24	Iris Function	0  →  255
CH25	Iris	0  →  →  255
CH26	Control	(Pan&Tilt, Color, Gobo, Other) Reset All Display off/on Hibernation