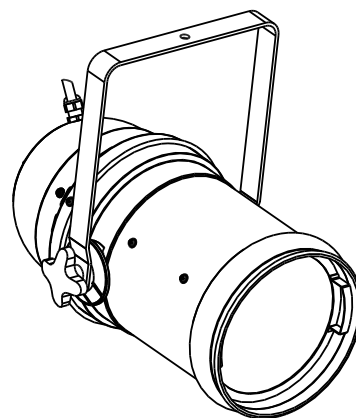




ColorBeam 64

User Instruction



WARNING!

1. This product must be earthed.
2. Disconnect the fixture before re-lamping.
3. Intense heat. Avoid contact by persons and materials.
4. Disconnect mains power after turning off the Fixture and waiting for at least 10 minutes.
5. Avoid direct eye exposure.
6. This product is intended for indoor use only.
7. To prevent fire or shock hazard, do not expose this product under high temperature or moisture area.

Product Descriptions

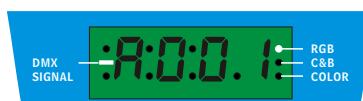
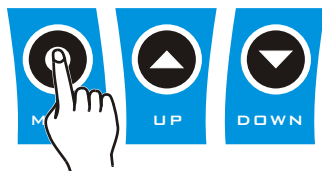
This product is a 3 DMX channel stage color lighting. With the use of a DMX controller, this color lighting can give off up to 16,000,000 colors, and the intensity can be adjusted. For the convenience of your operation, this product is incorporated with a digital segment display.

Technical Specifications

Power Input	AC 230V~ 50-60Hz
Lamp	HPL 575W x3
Loading Fuse	F3.15A 250V 5x20mm
Internal Fuse	F0.315A 250V 5x20mm
Dimensions	258x220x458mm
Weight	4.65 Kg

Product Instructions:

1. Plug the power cord into appropriate power outlet.
2. Plug in a DMX controller to this unit using 3-pin XLR cables, the DMX LED will begin flashing in the DISPLAY indicating a DMX signal is present.
3. Pressing MODE for over 2 seconds allows you to change between Dimmer limit setting and DMX address settings.



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Product Instructions:

- In Dimmer limit setting, the Display shows "d" followed by three numbers. Use UP/DOWN to change its value within 50-100, then you can limit dimmer output with 0-50 percent down.
This function allows you to protect the lamps from burning when the source voltage is unstable. When the source voltage is below rated voltage(120 volts), you shall make a 100% dimmer setting. When the source voltage is raised by 10 percent than the rated voltage, it is always advisable to lower the value with 20 percent down(the value should be set to 80 percent).
- In DMX address mode, the Display screen shows "A" followed by three numbers. You can select desired DMX address within 1-512 using UP/DOWN buttons.
- Pressing and releasing MODE quickly allows you to change from RGB/ COLOR & BRIGHT/ COLOR modes, corresponding LED in the LED Display is lit indicating your selection.

RGB Mode -

RGB LED is lit, the three channel output will be individually controlled by three DMX channel. The blue lighting will be controlled by the first DMX channel, the red lighting by the second DMX channel, and the green by the third DMX channel.

Color & Bright Mode -

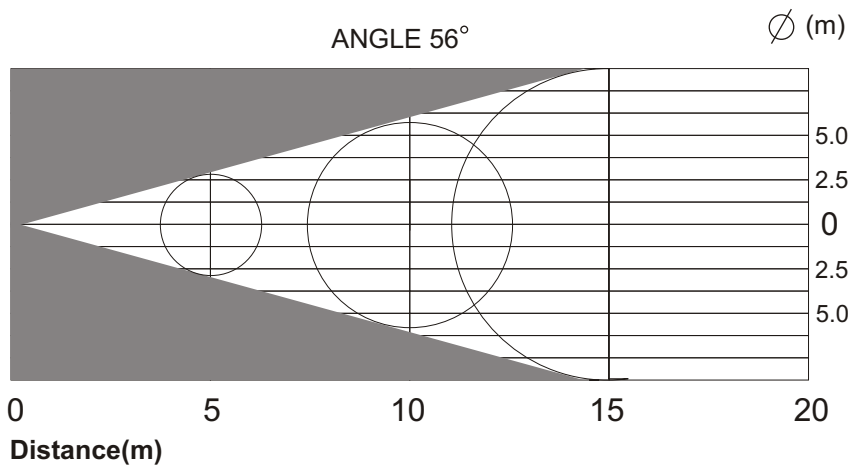
C & B LED is lit, the overall output will be controlled by two DMX channel. The color will be controlled by one DMX channel, and the brightness will be controlled by another DMX channel.

Color Mode -

COLOR LED is lit, the overall output will be controlled by a single DMX channel. This function allows you to select desired color mixing manually.

Appendix:

Photometric Data



Distance(m)	1m	2m	5m	10m	15m	
Ø (m)	1.1m	2.2m	5.32m	10.64m	15.96m	
Intensity (lux)	Red	4633	1456	276	71	32
	Blue	6050	1782	390	94	40
	Green	6833	1891	325	79	37
	White	9220	2840	529	121	57

Note: above values are calculated values, and for your reference only.

RGB color and DMX value

DMX Value (Decimal)	Blue (Intensity, 0-100%)	Red (Intensity, 0-100%)	Green (Intensity, 0-100%)	Color
0	0	0	0	Black
1-2	100	0	0	Blue
3-23	100	(N-2)x3	0	*
34	100	100	0	Blue & Red
35-65	100-(N-34)x3	100	0	*
66-69	0	100	0	Red
70-100	0	100	(N-69)x3	*
101	0	100	100	Red & Green
102-132	0	100-(N-101)x3	100	*
133-136	0	0	100	Green
137-167	(N-136)x3	0	100	*
168	100	0	100	Blue & Green
169-199	100	0	100-(N-168)x3	*
200-206	100	(N-199)x6	(N-199)x12	*
207	100	50	100	*
208-210	100-(N-207)x12	50+(N-207)x12	100	*
211	50	100	100	*
212-215	50-(N-211)x6	100	100-(N-211)x12	*
216-218	25-(N-215)x6	100	50-(N-215)x6	*
219-222	(N-217)x6	100	25-(N-219)x6	*
223-225	38+(N-223)x6	100	(N-221)x6	*
226-228	50+(N-225)x12	100	25+(N-225)x6	*
229	100	100	50	*
230-232	100	100-(N-229)x12	50+(N-229)x12	*
233	100	50	100	*
234-236	100-(N-233)x12	50-(N-233)x6	100	*
237	50	25	100	*
238-240	50-(N-237)x6	25-(N-237)x6	100	*
241-244	25-(N-241)x6	(N-239)x6	100	*
245-247	(N-243)x6	(N-239)x6	100	*
248-251	25+(N-247)x6	50+(N-247)x12	100	*
252-254	50+(N-251)x12	100	100	*
255	100	100	100	White

NOTE:

1. " N " denotes DMX value(0-255).

For example:

If DMX value is 239, blue intensity will be $50-(239-237)\times 6=38\%$,
red intensity will be $25-(239-237)\times 6=13\%$, green intensity be 100%.

2. " * " denotes unnameable color.