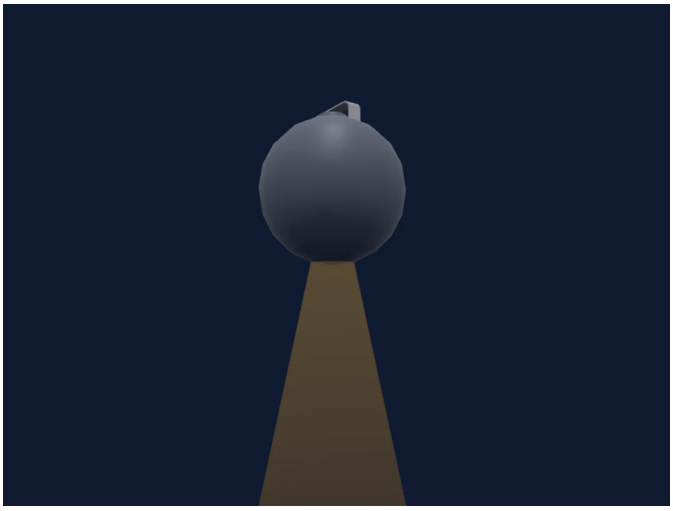
Varytec

LED Ball RGBW



Manufacturer	**Varytec**
Type	**PAR**
DMX modes	**6**
DMX footprint	**2, 3, 4, 7, 9, 14 channels**
Beam angle	**25°**
Size (W × H × D)	**250 × 195 × 45 mm**
GDTF fixture type	**4DC3B94A-4DEE-40AF-83A0-3F…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Dimmer

DMX modes

2CH	2 ch
3CH Mode	3 ch
4CH Mode	4 ch
7CH Mode	7 ch
9CH Mode	9 ch
14CH Mode	14 ch

2CH

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–126 Off 127–254 Half 255–255 Full
2	Color Temperature	0	

3CH Mode

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–126 Off 127–254 Half 255–255 Full
2	Strobe Mode	0	0–5 Strobe On 6–10 Strobe Off 11–33 Strobe Pulse 34–56 Strobe Ramp-up 57–79 Strobe Ramp-down 80–102 Strobe Random 103–127 Strobe Intermittent 128–250 Strobe 251–255 Strobe On
3	Color Macro1	0	0–5 OFF 6–13 Red 14–21 Amber 22–29 Warm Yellow 30–37 Yellow 38–45 Green 46–53 Turquoise 54–61 Cobalt Blue 62–69 Blue 70–77 Lilac 78–85 Purple 86–93 Crimson red 94–101 Pink 102–109 Warm White 110–117 White 118–125 Cold White 126–127 Color change Stop 128–191 Color change 192–255 Color Fade

4CH Mode

4 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Off 255–255 Full
2	Green	0	0–254 Off 255–255 Full
3	Blue	0	0–254 Off 255–255 Full
4	White	0	0–254 Off 255–255 Full

7CH Mode

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–126 Off 127–254 Half 255–255 Full
2	Strobe Mode	0	0–5 Strobe On 6–10 Strobe Off 11–33 Strobe Pulse 34–56 Strobe Ramp-up 57–79 Strobe Ramp-down 80–102 Strobe Random 103–127 Strobe Intermittent 128–250 Strobe 251–255 Strobe On
3	Red	255	0–254 Off 255–255 Full
4	Green	255	0–254 Off 255–255 Full
5	Blue	255	0–254 Off 255–255 Full
6	White	0	0–254 Off 255–255 Full
7	Color Macro1	0	0–5 OFF 6–13 Red 14–21 Amber 22–29 Warm Yellow 30–37 Yellow 38–45 Green 46–53 Turquoise 54–61 Cobalt Blue 62–69 Blue 70–77 Lilac 78–85 Purple 86–93 Crimson red 94–101 Pink 102–109 Warm White 110–117 White 118–125 Cold White 126–127 Color change Stop 128–191 Color change 192–255 Color Fade

9CH Mode

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–126 Off 127–254 Half 255–255 Full
2	Strobe Mode	0	0–5 Strobe On 6–10 Strobe Off 11–33 Strobe Pulse 34–56 Strobe Ramp-up 57–79 Strobe Ramp-down 80–102 Strobe Random 103–127 Strobe Intermittent 128–250 Strobe 251–255 Strobe On
3	Red	255	0–254 Off 255–255 Full

9CH Mode (continued)

Ch	Function	Default	DMX values
4	Green	255	0–254 Off 255–255 Full
5	Blue	255	0–254 Off 255–255 Full
6	White	0	0–254 Off 255–255 Full
7	Color Macro1	0	0–5 OFF 6–13 Red 14–21 Amber 22–29 Warm Yellow 30–37 Yellow 38–45 Green 46–53 Turquoise 54–61 Cobalt Blue 62–69 Blue 70–77 Lilac 78–85 Purple 86–93 Crimson red 94–101 Pink 102–109 Warm White 110–117 White 118–125 Cold White 126–127 Color change Stop 128–191 Color change 192–255 Color Fade
8	Color Temperature	1	0–5 Off 6–75 7200K 76–139 6000K 140–203 5000K 204–254 4000K 255–255 3200K
9	Dimmer Curve	0	0–5 None 6–63 Linear 64–127 Exponential 128–199 Logarithmic 200–255 S-Shaped

14CH Mode

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–127 Off 128–254 Half 255–255 Full
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Mode	0	0–5 Strobe On 6–10 Strobe Off 11–33 Strobe Pulse 34–56 Strobe Ramp-up 57–79 Strobe Ramp-down 80–102 Strobe Random 103–127 Strobe Intermittent 128–250 Strobe 251–255 Strobe On
4	Red	255	0–254 Off 255–255 Full
5	Red Fine	255	Fine byte of Red

14CH Mode (continued)

Ch	Function	Default	DMX values
6	Green	255	0–254 Off 255–255 Full
7	Green Fine	255	Fine byte of Green
8	Blue	255	0–254 Off 255–255 Full
9	Blue Fine	255	Fine byte of Blue
10	White	0	0–254 Off 255–255 Full
11	White Fine	0	Fine byte of White
12	Color Macro1	0	0–5 OFF 6–13 Red 14–21 Amber 22–29 Warm Yellow 30–37 Yellow 38–45 Green 46–53 Turquoise 54–61 Cobalt Blue 62–69 Blue 70–77 Lilac 78–85 Purple 86–93 Crimson red 94–101 Pink 102–109 Warm White 110–117 White 118–125 Cold White 126–127 Color change Stop 128–191 Color change 192–255 Color Fade
13	Color Temperature	0	0–5 Off 6–75 7200K 76–139 6000K 140–203 5000K 204–254 4000K 255–255 3200K
14	Dimmer Curve	0	0–5 None 6–63 Linear 64–127 Exponential 128–199 Logarithmic 200–255 S-Shaped