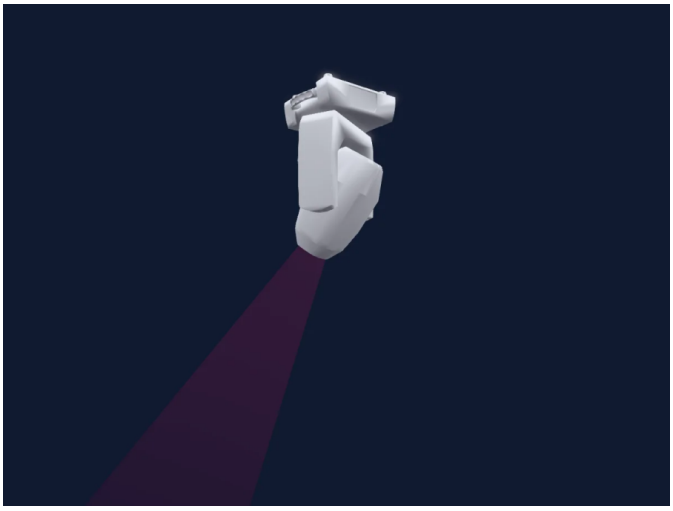
Chauvet Professional

Rogue R3 Spot



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**19, 25 channels**
Beam angle	**12-37°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**266 × 378 × 222 mm**
GDTF fixture type	**29F29CF2-C900-11E7-BBED-52…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · Colour wheel · Effect speed · Strobe · Dimmer · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

19Ch Mode	19 ch
25Ch Mode	25 ch

19Ch Mode

19 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–7 Open - Shutter Open 8–76 Sync Strobe S > F - Strobe 77–145 Pulse Strobe S > F - Strobe Pulse Random 146–215 Strobe Random S > F - Strobe Random 216–255 Open - Shutter Open
8	Color Wheel	0	0–7 White - Color (wheel slot 1) 8–15 Yellow - Color (wheel slot 2) 16–23 Light Blue - Color (wheel slot 3) 24–31 Green - Color (wheel slot 4) 32–39 Red - Color (wheel slot 5) 40–47 Magenta - Color (wheel slot 6) 48–55 Dark Blue - Color (wheel slot 7) 56–63 Orange - Color (wheel slot 8) 64–71 White + Yellow - Color (wheel slot 1) 72–79 Yellow + Light Blue - Color (wheel slot 1) 80–87 Light Blue + Green - Color (wheel slot 1) 88–95 Green + Red - Color (wheel slot 1) 96–103 Red + Magenta - Color (wheel slot 1) 104–111 Magenta + Dark Blue - Color (wheel slot 1) 112–119 Dark Blue + Orange - Color (wheel slot 1) 120–127 Orange + White - Color (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
9	Color Wheel 2	0	0–7 White - Color (wheel slot 1) 8–15 CTO 3200K - Color (wheel slot 2) 16–23 CTO 5600K - Color (wheel slot 3) 24–31 Green - Color (wheel slot 4) 32–39 UV - Color (wheel slot 5) 40–47 Orange - Color (wheel slot 6) 48–55 Pink - Color (wheel slot 7) 56–63 Light Blue - Color (wheel slot 8) 64–71 White + CTO 3200K - Color (wheel slot 1) 72–79 CTO 3200K + CTO 5600K - Color (wheel slot 1) 80–87 CTO 5600K + Green - Color (wheel slot 1) 88–95 Green + UV - Color (wheel slot 1) 96–103 UV + Orange - Color (wheel slot 1) 104–111 Orange + Pink - Color (wheel slot 1) 112–119 Pink + Light Blue - Color (wheel slot 1) 120–127 Light Blue + White - Color (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW

19Ch Mode (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–7 Open - Gobo Open (wheel slot 1) 8–15 Gobo 1 - Gobo (wheel slot 2) 16–23 Gobo 2 - Gobo (wheel slot 3) 24–31 Gobo 3 - Gobo (wheel slot 4) 32–39 Gobo 4 - Gobo (wheel slot 5) 40–47 Gobo 5 - Gobo (wheel slot 6) 48–55 Gobo 6 - Gobo (wheel slot 7) 56–63 Gobo 7 - Gobo (wheel slot 8) 64–71 Gobo 7 Shake - Gobo Shake (wheel slot 8) 72–79 Gobo 6 Shake - Gobo Shake (wheel slot 7) 80–87 Gobo 5 Shake - Gobo Shake (wheel slot 6) 88–95 Gobo 4 Shake - Gobo Shake (wheel slot 5) 96–103 Gobo 3 Shake - Gobo Shake (wheel slot 4) 104–111 Gobo 2 Shake - Gobo Shake (wheel slot 3) 112–119 Gobo 1 Shake - Gobo Shake (wheel slot 2) 120–127 Open - Gobo Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
11	Gobo Rotation	0	0–63 Indexing - Indexing 64–147 S > F - Rotate CW 148–231 S > F - Rotate CCW 232–255 Bounce Effect - Gobo Shake
12	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–13 Gobo 1 - Gobo (wheel slot 2) 14–20 Gobo 2 - Gobo (wheel slot 3) 21–27 Gobo 3 - Gobo (wheel slot 4) 28–34 Gobo 4 - Gobo (wheel slot 5) 35–41 Gobo 5 - Gobo (wheel slot 6) 42–48 Gobo 6 - Gobo (wheel slot 7) 49–55 Gobo 7 - Gobo (wheel slot 8) 56–63 Gobo 8 - Gobo (wheel slot 9) 64–71 Gobo 8 Shake - Gobo Shake (wheel slot 9) 72–78 Gobo 7 Shake - Gobo Shake (wheel slot 8) 79–85 Gobo 6 Shake - Gobo Shake (wheel slot 7) 86–92 Gobo 5 Shake - Gobo Shake (wheel slot 6) 93–99 Gobo 4 Shake - Gobo Shake (wheel slot 5) 100–106 Gobo 3 Shake - Gobo Shake (wheel slot 4) 107–113 Gobo 2 Shake - Gobo Shake (wheel slot 3) 114–120 Gobo 1 Shake - Gobo Shake (wheel slot 2) 121–127 Open - Gobo Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
13	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
14	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
15	Prism	0	0–4 Open - Custom (wheel slot 1) 5–255 Prism Effect - Prism (wheel slot 2)
16	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
17	Iris	0	0–63 Big > Small - Iris 64–127 Auto Change S > F - Iris 128–191 Slow Zoom Out Fast Zoom In (S > F) - Iris 192–255 Slow Zoom In Fast Zoom Out (S > F) - Iris
18	Frost1	0	0–4 No Func - Custom 5–255 Frost Effect - Full Frost

19Ch Mode (continued)

Ch	Function	Default	DMX values
19	Control1	0	0–7 No Func - Custom 8–15 BO During P/T - Blackout 16–23 BO While Color Wheel Is Moving - Blackout 24–31 BO While Gobo Wheel Is Moving - Blackout 32–39 BO While P/T/Color Wheel Is Moving - Blackout 40–47 BO While P/T/Gobo Wheel Is Moving - Blackout 48–55 BO While P/T/Gobo Color Wheel Is Moving - Blackout 56–95 No Func - Custom 96–103 Pan Reset - Reset 104–111 Tilt Reset - Reset 112–119 Color Reset - Reset 120–127 Gobo Reset - Reset 128–135 No Func - Custom 136–143 Prism Reset - Reset 144–151 No Func - Custom 152–159 All Reset - Reset 160–167 Iris Reset - Reset 168–175 Frost Reset - Reset 176–183 Zoom Reset - Reset 184–255 No Func - Custom

25Ch Mode

25 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–7 Open - Shutter Open 8–76 Sync Strobe S > F - Strobe 77–145 Pulse Strobe S > F - Strobe Pulse Random 146–215 Strobe Random S > F - Strobe Random 216–255 Open - Shutter Open
9	Color Wheel	0	0–7 White - Color (wheel slot 1) 8–15 Yellow - Color (wheel slot 2) 16–23 Light Blue - Color (wheel slot 3) 24–31 Green - Color (wheel slot 4) 32–39 Red - Color (wheel slot 5) 40–47 Magenta - Color (wheel slot 6) 48–55 Dark Blue - Color (wheel slot 7) 56–63 Orange - Color (wheel slot 8) 64–71 White + Yellow - Color (wheel slot 1) 72–79 Yellow + Light Blue - Color (wheel slot 1) 80–87 Light Blue + Green - Color (wheel slot 1) 88–95 Green + Red - Color (wheel slot 1) 96–103 Red + Magenta - Color (wheel slot 1) 104–111 Magenta + Dark Blue - Color (wheel slot 1) 112–119 Dark Blue + Orange - Color (wheel slot 1) 120–127 Orange + White - Color (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW

25Ch Mode (continued)

Ch	Function	Default	DMX values
10	Color Wheel 2	0	0–7 White - Color (wheel slot 1) 8–15 CTO 3200K - Color (wheel slot 2) 16–23 CTO 5600K - Color (wheel slot 3) 24–31 Green - Color (wheel slot 4) 32–39 UV - Color (wheel slot 5) 40–47 Orange - Color (wheel slot 6) 48–55 Pink - Color (wheel slot 7) 56–63 Light Blue - Color (wheel slot 8) 64–71 White + CTO 3200K - Color (wheel slot 1) 72–79 CTO 3200K + CTO 5600K - Color (wheel slot 1) 80–87 CTO 5600K + Green - Color (wheel slot 1) 88–95 Green + UV - Color (wheel slot 1) 96–103 UV + Orange - Color (wheel slot 1) 104–111 Orange + Pink - Color (wheel slot 1) 112–119 Pink + Light Blue - Color (wheel slot 1) 120–127 Light Blue + White - Color (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
11	Gobo	0	0–7 Open - Gobo Open (wheel slot 1) 8–15 Gobo 1 - Gobo (wheel slot 2) 16–23 Gobo 2 - Gobo (wheel slot 3) 24–31 Gobo 3 - Gobo (wheel slot 4) 32–39 Gobo 4 - Gobo (wheel slot 5) 40–47 Gobo 5 - Gobo (wheel slot 6) 48–55 Gobo 6 - Gobo (wheel slot 7) 56–63 Gobo 7 - Gobo (wheel slot 8) 64–71 Gobo 7 Shake - Gobo Shake (wheel slot 8) 72–79 Gobo 6 Shake - Gobo Shake (wheel slot 7) 80–87 Gobo 5 Shake - Gobo Shake (wheel slot 6) 88–95 Gobo 4 Shake - Gobo Shake (wheel slot 5) 96–103 Gobo 3 Shake - Gobo Shake (wheel slot 4) 104–111 Gobo 2 Shake - Gobo Shake (wheel slot 3) 112–119 Gobo 1 Shake - Gobo Shake (wheel slot 2) 120–127 Open - Gobo Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
12	Gobo Rotation	0	0–63 Indexing - Indexing 64–147 S > F - Rotate CW 148–231 S > F - Rotate CCW 232–255 Bounce Effect - Gobo Shake
13	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–13 Gobo 1 - Gobo (wheel slot 2) 14–20 Gobo 2 - Gobo (wheel slot 3) 21–27 Gobo 3 - Gobo (wheel slot 4) 28–34 Gobo 4 - Gobo (wheel slot 5) 35–41 Gobo 5 - Gobo (wheel slot 6) 42–48 Gobo 6 - Gobo (wheel slot 7) 49–55 Gobo 7 - Gobo (wheel slot 8) 56–63 Gobo 8 - Gobo (wheel slot 9) 64–71 Gobo 8 Shake - Gobo Shake (wheel slot 9) 72–78 Gobo 7 Shake - Gobo Shake (wheel slot 8) 79–85 Gobo 6 Shake - Gobo Shake (wheel slot 7) 86–92 Gobo 5 Shake - Gobo Shake (wheel slot 6) 93–99 Gobo 4 Shake - Gobo Shake (wheel slot 5) 100–106 Gobo 3 Shake - Gobo Shake (wheel slot 4) 107–113 Gobo 2 Shake - Gobo Shake (wheel slot 3) 114–120 Gobo 1 Shake - Gobo Shake (wheel slot 2) 121–127 Open - Gobo Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
14	Focus	127	

25Ch Mode (continued)

Ch	Function	Default	DMX values
15	Focus Fine	255	Fine byte of Focus
16	Focus2	127	0–0 No Func - Custom 1–12 5m (Static Gobo Wheel) - Focus 13–24 6m (Static Gobo Wheel) - Focus 25–36 7m (Static Gobo Wheel) - Focus 37–48 8m (Static Gobo Wheel) - Focus 49–60 9m (Static Gobo Wheel) - Focus 61–72 10m (Static Gobo Wheel) - Focus 73–84 15m (Static Gobo Wheel) - Focus 85–100 20m (Static Gobo Wheel) - Focus 101–127 Auto Focus (Static Gobo Wheel) - Focus 128–139 5m (Rotating Gobo Wheel) - Focus 140–151 6m (Rotating Gobo Wheel) - Focus 152–163 7m (Rotating Gobo Wheel) - Focus 164–175 8m (Rotating Gobo Wheel) - Focus 176–187 9m (Rotating Gobo Wheel) - Focus 188–199 10m (Rotating Gobo Wheel) - Focus 200–211 15m (Rotating Gobo Wheel) - Focus 212–227 20m (Rotating Gobo Wheel) - Focus 228–255 Auto Focus (Rotating Gobo Wheel) - Focus
17	Zoom	127	0–254 Narrow 255–255 Wide
18	Zoom Fine	255	Fine byte of Zoom
19	Prism	0	0–4 Open - Custom (wheel slot 1) 5–255 Prism Effect - Prism (wheel slot 2)
20	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
21	Iris	0	0–63 Big > Small - Iris 64–127 Auto Change S > F - Iris 128–191 Slow Zoom Out Fast Zoom In (S > F) - Iris 192–255 Slow Zoom In Fast Zoom Out (S > F) - Iris
22	Frost1	0	0–4 No Func - Custom 5–255 Frost Effect - Full Frost

25Ch Mode (continued)

Ch	Function	Default	DMX values
23	Effect	0	0–7 Auto Program 1 - Macro 8–15 Auto Program 2 - Macro 16–23 Auto Program 3 - Macro 24–31 Auto Program 4 - Macro 32–39 Auto Program 5 - Macro 40–47 Auto Program 6 - Macro 48–55 Auto Program 7 - Macro 56–63 Auto Program 8 - Macro 64–71 Auto Program 9 - Macro 72–79 Auto Program 10 - Macro 80–87 Auto Program 11 - Macro 88–95 Auto Program 12 - Macro 96–103 Auto Program 13 - Macro 104–111 Auto Program 14 - Macro 112–119 Auto Program 15 - Macro 120–127 Auto Program 16 - Macro 128–135 Auto Program 17 - Macro 136–143 Auto Program 18 - Macro 144–151 Auto Program 19 - Macro 152–159 Auto Program 20 - Macro 160–167 Auto Program 21 - Macro 168–175 Auto Program 22 - Macro 176–183 Auto Program 23 - Macro 184–191 Auto Program 24 - Macro 192–199 Auto Program 25 - Macro 200–207 Auto Program 26 - Macro 208–215 Auto Program 27 - Macro 216–223 Auto Program 28 - Macro 224–231 Auto Program 29 - Macro 232–239 Auto Program 30 - Macro 240–255 Auto Program 31 - Macro
24	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Control1	0	0–7 No Func - Custom 8–15 BO During P/T - Blackout 16–23 BO While Color Wheel Is Moving - Blackout 24–31 BO While Gobo Wheel Is Moving - Blackout 32–39 BO While P/T/Color Wheel Is Moving - Blackout 40–47 BO While P/T/Gobo Wheel Is Moving - Blackout 48–55 BO While P/T/Gobo Color Wheel Is Moving - Blackout 56–95 No Func - Custom 96–103 Pan Reset - Reset 104–111 Tilt Reset - Reset 112–119 Color Reset - Reset 120–127 Gobo Reset - Reset 128–135 No Func - Custom 136–143 Prism Reset - Reset 144–151 No Func - Custom 152–159 All Reset - Reset 160–167 Iris Reset - Reset 168–175 Frost Reset - Reset 176–183 Zoom Reset - Reset 184–255 No Func - Custom