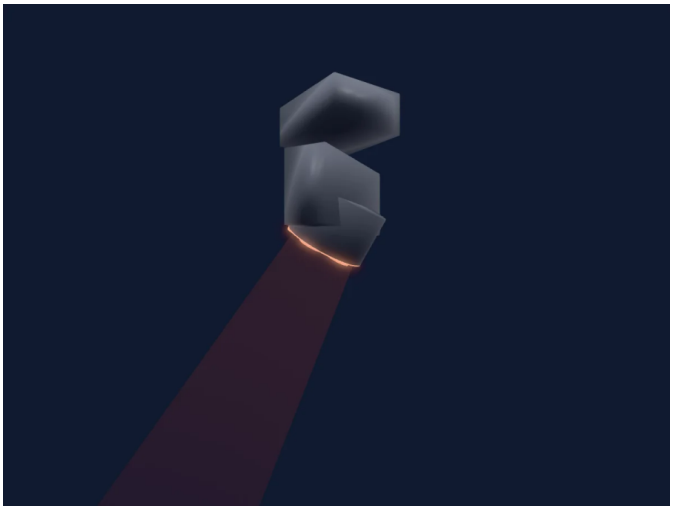
Snow Lighting

SnowSTORM BeamWash 300 RGBL



Manufacturer	**Snow Lighting**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**18, 20, 21, 24, 27 channels**
Beam angle	**3.5-35°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**3**
Size (W × H × D)	**240 × 150 × 240 mm**
GDTF fixture type	**C4F13013-F5A4-4D15-AED7-3B...**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset

DMX modes

SSP (18Ch)	18 ch
HSIC (20Ch)	20 ch
Tour (20Ch)	20 ch
CMY (21Ch)	21 ch
Zone (24Ch)	24 ch
TR16 (25Ch)	27 ch

SSP (18Ch)

18 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Color RGBRed	255	
5	Color RGBGreen	255	
6	Color RGBBlue	255	
7	Color Add GY	255	
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	5	5–9 Open 11–49 Strobe · Slow 1.21–9.33 Hz 50–89 Strobe · Medium 9.54–17.9 Hz 90–99 Strobe · Fast 18.1–20 Hz 105–109 Open 110–144 Slow 145–178 Medium 179–179 Fast 185–189 Open 190–219 Random · Slow 1–7.25 Hz 220–254 Random · Medium 7.46–14.8 Hz 255–255 Random · Fast 15 Hz
10	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
11	Color RGBRed	255	
12	Color RGBGreen	255	
13	Color RGBBlue	255	

SSP (18Ch) (continued)

Ch	Function	Default	DMX values
14	Color Macro1	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet 50–54 Light blue 55–59 Wine red 60–64 May green 65–69 Reseda green 70–74 Blue lilac 75–79 Moss green 80–84 Signal violet 85–89 Red Lilac 90–94 Purple red 95–99 Green brown 100–104 Pale green 105–109 Ruby red 110–114 Flame red 115–119 Red orange 120–124 Rose 125–129 Honey yellow 130–134 Light pin 135–139 Deep orange 140–144 Lemon 145–149 Golden yellow 150–154 Pastel orange 155–159 Cream 160–164 Melon yellow 165–169 Luminous orange 170–174 Luminous yellow 175–179 Open 2 180–248 Stop 249–255 Open 3
15	Color Effects1	0	0–9 Open 10–23 FX 1 24–37 FX 2 38–51 FX 3 52–65 FX 4 66–79 FX 5 80–93 FX 6 94–107 FX 7 108–121 FX 8 122–135 FX 9 136–149 FX 10 150–163 FX 11 164–177 FX 12 178–191 FX 13 192–205 FX 14 206–219 FX 15 220–233 FX 16 234–247 FX 17 248–255 Open 2
16	Color Macro1Rate	0	0–83 Slow 84–169 Medium 170–255 Fast
17	Dimmer	0	0–254 Closed 255–255 Open

SSP (18Ch) (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–10 Open 11–20 PT Blackout On 21–30 PT Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 PT Invert Off 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dim 0 111–120 Dim 4 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 PT Reset 221–230 Zoom Reset 231–255 Reserved

HSIC (20Ch)

20 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	
7	H SBHue	0	
8	H SBHue Fine	0	Fine byte of H SBHue
9	H SBSaturation	0	
10	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

HSIC (20Ch) (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	5	5–9 Open 11–49 Strobe · Slow 1.21–9.33 Hz 50–89 Strobe · Medium 9.54–17.9 Hz 90–99 Strobe · Fast 18.1–20 Hz 105–109 Open 110–144 Slow 145–178 Medium 179–179 Fast 185–189 Open 190–219 Random · Slow 1–7.25 Hz 220–254 Random · Medium 7.46–14.8 Hz 255–255 Random · Fast 15 Hz
12	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
13	Color RGBRed	255	
14	Color RGBGreen	255	
15	Color RGBBlue	255	
16	Color Macro1	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet 50–54 Light blue 55–59 Wine red 60–64 May green 65–69 Reseda green 70–74 Blue lilac 75–79 Moss green 80–84 Signal violet 85–89 Red Lilac 90–94 Purple red 95–99 Green brown 100–104 Pale green 105–109 Ruby red 110–114 Flame red 115–119 Red orange 120–124 Rose 125–129 Honey yellow 130–134 Light pin 135–139 Deep orange 140–144 Lemon 145–149 Golden yellow 150–154 Pastel orange 155–159 Cream 160–164 Melon yellow 165–169 Luminous orange 170–174 Luminous yellow 175–179 Open 2 180–248 Stop 249–255 Open 3

HSIC (20Ch) (continued)

Ch	Function	Default	DMX values
17	Color Effects1	0	0–9 Open 10–23 FX 1 24–37 FX 2 38–51 FX 3 52–65 FX 4 66–79 FX 5 80–93 FX 6 94–107 FX 7 108–121 FX 8 122–135 FX 9 136–149 FX 10 150–163 FX 11 164–177 FX 12 178–191 FX 13 192–205 FX 14 206–219 FX 15 220–233 FX 16 234–247 FX 17 248–255 Open 2
18	Color Macro1Rate	0	0–83 Slow 84–169 Medium 170–255 Fast
19	Dimmer	0	0–254 Closed 255–255 Open
20	Control1	0	0–10 Open 11–20 PT Blackout On 21–30 PT Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 PT Invert Off 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dim 0 111–120 Dim 4 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 PT Reset 221–230 Zoom Reset 231–255 Reserved

Tour (20Ch)

20 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Color RGBRed	255	
5	Color RGBGreen	255	
6	Color RGBBlue	255	
7	Color Add GY	255	

Tour (20Ch) (continued)

Ch	Function	Default	DMX values
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	5	5–9 Open 11–49 Strobe · Slow 1.21–9.33 Hz 50–89 Strobe · Medium 9.54–17.9 Hz 90–99 Strobe · Fast 18.1–20 Hz 105–109 Open 110–144 Slow 145–178 Medium 179–179 Fast 185–189 Open 190–219 Random · Slow 1–7.25 Hz 220–254 Random · Medium 7.46–14.8 Hz 255–255 Random · Fast 15 Hz
10	Color Macro1	0	0–10 Open 11–255 Presets
11	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
12	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
13	Color RGBRed	255	
14	Color RGBGreen	255	
15	Color RGBBlue	255	

Tour (20Ch) (continued)

Ch	Function	Default	DMX values
16	Color Macro1	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet 50–54 Light blue 55–59 Wine red 60–64 May green 65–69 Reseda green 70–74 Blue lilac 75–79 Moss green 80–84 Signal violet 85–89 Red Lilac 90–94 Purple red 95–99 Green brown 100–104 Pale green 105–109 Ruby red 110–114 Flame red 115–119 Red orange 120–124 Rose 125–129 Honey yellow 130–134 Light pin 135–139 Deep orange 140–144 Lemon 145–149 Golden yellow 150–154 Pastel orange 155–159 Cream 160–164 Melon yellow 165–169 Luminous orange 170–174 Luminous yellow 175–179 Open 2 180–248 Stop 249–255 Open 3
17	Color Effects1	0	0–9 Open 10–23 FX 1 24–37 FX 2 38–51 FX 3 52–65 FX 4 66–79 FX 5 80–93 FX 6 94–107 FX 7 108–121 FX 8 122–135 FX 9 136–149 FX 10 150–163 FX 11 164–177 FX 12 178–191 FX 13 192–205 FX 14 206–219 FX 15 220–233 FX 16 234–247 FX 17 248–255 Open 2
18	Color Macro1Rate	0	0–83 Slow 84–169 Medium 170–255 Fast
19	Dimmer	0	0–254 Closed 255–255 Open

Tour (20Ch) (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–10 Open 11–20 PT Blackout On 21–30 PT Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 PT Invert Off 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dim 0 111–120 Dim 4 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 PT Reset 221–230 Zoom Reset 231–255 Reserved

CMY (21Ch)

21 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Color RGBCyan	255	
7	Color RGBMagenta	255	
8	Color RGBYellow	255	
9	Dimmer	0	0–254 Closed 255–255 Open
10	Shutter / Strobe	5	5–9 Open 11–49 Strobe · Slow 1.21–9.33 Hz 50–89 Strobe · Medium 9.54–17.9 Hz 90–99 Strobe · Fast 18.1–20 Hz 105–109 Open 110–144 Slow 145–178 Medium 179–179 Fast 185–189 Open 190–219 Random · Slow 1–7.25 Hz 220–254 Random · Medium 7.46–14.8 Hz 255–255 Random · Fast 15 Hz
11	Color Macro1	0	0–10 Open 11–255 Presets

CMY (21Ch) (continued)

Ch	Function	Default	DMX values
12	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
13	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
14	Color RGBRed	255	
15	Color RGBGreen	255	
16	Color RGBBlue	255	
17	Color Macro1	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet 50–54 Light blue 55–59 Wine red 60–64 May green 65–69 Reseda green 70–74 Blue lilac 75–79 Moss green 80–84 Signal violet 85–89 Red Lilac 90–94 Purple red 95–99 Green brown 100–104 Pale green 105–109 Ruby red 110–114 Flame red 115–119 Red orange 120–124 Rose 125–129 Honey yellow 130–134 Light pin 135–139 Deep orange 140–144 Lemon 145–149 Golden yellow 150–154 Pastel orange 155–159 Cream 160–164 Melon yellow 165–169 Luminous orange 170–174 Luminous yellow 175–179 Open 2 180–248 Stop 249–255 Open 3

CMY (21Ch) (continued)

Ch	Function	Default	DMX values
18	Color Effects1	0	0–9 Open 10–23 FX 1 24–37 FX 2 38–51 FX 3 52–65 FX 4 66–79 FX 5 80–93 FX 6 94–107 FX 7 108–121 FX 8 122–135 FX 9 136–149 FX 10 150–163 FX 11 164–177 FX 12 178–191 FX 13 192–205 FX 14 206–219 FX 15 220–233 FX 16 234–247 FX 17 248–255 Open 2
19	Color Macro1Rate	0	0–83 Slow 84–169 Medium 170–255 Fast
20	Dimmer	0	0–254 Closed 255–255 Open
21	Control1	0	0–10 Open 11–20 PT Blackout On 21–30 PT Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 PT Invert Off 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dim 0 111–120 Dim 4 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 PT Reset 221–230 Zoom Reset 231–255 Reserved

Zone (24Ch)

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	0	0–127 Narrow 128–254 Normal 255–255 Wide

Zone (24Ch) (continued)

Ch	Function	Default	DMX values
7	Color RGBRed	255	
8	Color RGBGreen	255	
9	Color RGBBlue	255	
10	Color Macro1	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet 50–54 Light blue 55–59 Wine red 60–64 May green 65–69 Reseda green 70–74 Blue lilac 75–79 Moss green 80–84 Signal violet 85–89 Red Lilac 90–94 Purple red 95–99 Green brown 100–104 Pale green 105–109 Ruby red 110–114 Flame red 115–119 Red orange 120–124 Rose 125–129 Honey yellow 130–134 Light pin 135–139 Deep orange 140–144 Lemon 145–149 Golden yellow 150–154 Pastel orange 155–159 Cream 160–164 Melon yellow 165–169 Luminous orange 170–174 Luminous yellow 175–179 Open 2 180–248 Stop 249–255 Open 3
11	Color Effects1	0	0–9 Open 10–23 FX 1 24–37 FX 2 38–51 FX 3 52–65 FX 4 66–79 FX 5 80–93 FX 6 94–107 FX 7 108–121 FX 8 122–135 FX 9 136–149 FX 10 150–163 FX 11 164–177 FX 12 178–191 FX 13 192–205 FX 14 206–219 FX 15 220–233 FX 16 234–247 FX 17 248–255 Open 2

Zone (24Ch) (continued)

Ch	Function	Default	DMX values
12	Color Macro1Rate	0	0–83 Slow 84–169 Medium 170–255 Fast
13	Dimmer	0	0–254 Closed 255–255 Open
14	Control1	0	0–10 Open 11–20 PT Blackout On 21–30 PT Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 PT Invert Off 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dim 0 111–120 Dim 4 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 PT Reset 221–230 Zoom Reset 231–255 Reserved
15	Dimmer	0	0–254 Closed 255–255 Open
16	Shutter / Strobe	5	5–9 Open 11–49 Strobe · Slow 1.21–9.33 Hz 50–89 Strobe · Medium 9.54–17.9 Hz 90–99 Strobe · Fast 18.1–20 Hz 105–109 Open 110–144 Lightning strobe · Slow 0–7.39 Hz 145–178 Lightning strobe · Medium 7.61–14.8 Hz 179–179 Lightning strobe · Fast 15 Hz 185–189 Open 190–219 Random · Slow 1–7.25 Hz 220–254 Random · Medium 7.46–14.8 Hz 255–255 Random · Fast 15 Hz
17	Color RGBRed	255	
18	Color RGBGreen	255	
19	Color RGBBlue	255	
20	Color Add GY	255	
21	Color RGBRed	255	
22	Color RGBGreen	255	
23	Color RGBBlue	255	
24	Color Add GY	255	

TR16 (25Ch)

27 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	

TR16 (25Ch) (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Color RGBRed	255	
7	Color RGBRed Fine	255	Fine byte of Color RGBRed
8	Color RGBGreen	255	
9	Color RGBGreen Fine	255	Fine byte of Color RGBGreen
10	Color RGBBlue	255	
11	Color RGBBlue Fine	255	Fine byte of Color RGBBlue
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Dimmer	0	0–254 Closed 255–255 Open
15	Dimmer Fine	0	Fine byte of Dimmer
16	Shutter / Strobe	5	5–9 Open 11–49 Strobe · Slow 1.21–9.33 Hz 50–89 Strobe · Medium 9.54–17.9 Hz 90–99 Strobe · Fast 18.1–20 Hz 105–109 Open 110–144 Slow 145–178 Medium 179–179 Fast 185–189 Open 190–219 Random · Slow 1–7.25 Hz 220–254 Random · Medium 7.46–14.8 Hz 255–255 Random · Fast 15 Hz
17	Color Macro1	0	0–10 Open 11–255 Presets
18	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
19	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
20	Color RGBRed	255	
21	Color RGBGreen	255	
22	Color RGBBlue	255	

TR16 (25Ch) (continued)

Ch	Function	Default	DMX values
23	Color Macro1	0	0–9 Open 10–14 Red 15–19 Green 20–24 Blue 25–29 Yellow 30–34 Magenta 35–39 Cyan 40–44 White 45–49 Violet 50–54 Light blue 55–59 Wine red 60–64 May green 65–69 Reseda green 70–74 Blue lilac 75–79 Moss green 80–84 Signal violet 85–89 Red Lilac 90–94 Purple red 95–99 Green brown 100–104 Pale green 105–109 Ruby red 110–114 Flame red 115–119 Red orange 120–124 Rose 125–129 Honey yellow 130–134 Light pin 135–139 Deep orange 140–144 Lemon 145–149 Golden yellow 150–154 Pastel orange 155–159 Cream 160–164 Melon yellow 165–169 Luminous orange 170–174 Luminous yellow 175–179 Open 2 180–248 Stop 249–255 Open 3
24	Color Effects1	0	0–9 Open 10–23 FX 1 24–37 FX 2 38–51 FX 3 52–65 FX 4 66–79 FX 5 80–93 FX 6 94–107 FX 7 108–121 FX 8 122–135 FX 9 136–149 FX 10 150–163 FX 11 164–177 FX 12 178–191 FX 13 192–205 FX 14 206–219 FX 15 220–233 FX 16 234–247 FX 17 248–255 Open 2
25	Color Macro1Rate	0	0–83 Slow 84–169 Medium 170–255 Fast
26	Dimmer	0	0–254 Closed 255–255 Open

TR16 (25Ch) (continued)

Ch	Function	Default	DMX values
27	Control1	0	0–10 Open 11–20 PT Blackout On 21–30 PT Blackout Off 31–40 Pan Invert 41–50 Tilt Invert 51–60 PT Invert Off 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved 101–110 Dim 0 111–120 Dim 4 121–150 Reserved 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 PT Reset 221–230 Zoom Reset 231–255 Reserved