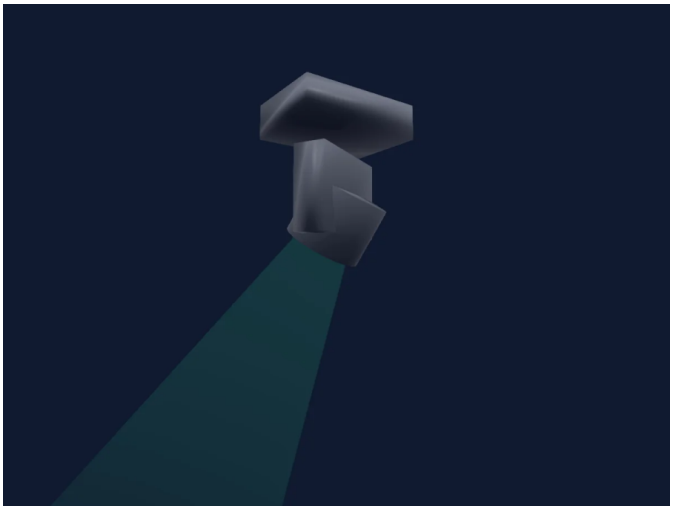
Blizzard Lighting LLC

Typhon IP Wash



Manufacturer	**Blizzard Lighting LLC**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**15, 23, 39 channels**
Beam angle	**8-55°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**3**
Size (W × H × D)	**300 × 229 × 300 mm**
GDTF fixture type	**409640CE-9648-4C7D-AF1B-4E…**

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

15Ch Basic Mode	15 ch
23Ch Standard Mode	23 ch
39Ch Extended Mode	39 ch

15Ch Basic Mode

15 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Dimmer	0	0–254 Closed 255–255 Open
5	Shutter / Strobe	0	0–31 Open 32–63 Strobe (Slow <--> Fast) 64–255 Shutter1StrobePulse 3 · TBD
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	0	
10	Color Macro1	0	0–9 No Function 10–19 Red 20–29 Green 30–39 Blue 40–49 White 50–59 Yellow 60–69 Purple 70–79 Teal 80–89 Lavender 90–99 Three Color: Blue/Green/Red 100–109 Two Color: Red/White 110–119 Two Color:White/Yellow 120–129 Three Color: Blue/White/Blue 130–139 Two Color: Purple/White 140–149 Two Color: White/Red 150–159 Three Color: Blue/Purple/Yellow 160–169 Three Color: Purple/White/Purple 170–179 Solid Color Fades 180–189 Ring Chase (In <--> Out) 190–199 Color Fill (In <--> Out) 200–209 RGB Chase (In <--> Out) 210–219 Random 220–223 Per-Ring Fades 224–232 RGB Pulse Out 233–241 Solid Color Pulse Out 242–250 RGB Pulse In 251–255 Solid Color Pulse In
11	Color Macro1Rate	0	

15Ch Basic Mode (continued)

Ch	Function	Default	DMX values
12	C TC	0	0–24 No Function 25–35 3200K 36–46 3400K 47–57 3600K 58–68 3800K 69–79 4000K 80–90 4200K 91–101 4400K 102–112 4600K 113–123 4800K 124–134 5000K 135–145 5200K 146–156 5400K 157–167 5600K 168–178 5800K 179–189 6000K 190–200 6200K 201–211 6400K 212–222 6600K 223–233 6800K 234–244 7000K 245–255 7200K
13	Zoom	0	
14	Dimmer Mode	0	0–36 No Function 37–40 Linear Mode 1 (Hold value for 5 seconds) 41–44 Linear Mode 2 (Hold value for 5 seconds) 45–48 Exponential (Hold value for 5 seconds) 49–54 Parabolic (Hold value for 5 seconds) 55–255 No Function
15	Fixture Global Reset	0	0–127 No Function 128–159 Pan/Tilt Reset 160–223 Zoom Reset 224–255 Global Reset

23Ch Standard Mode

23 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	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Open 32–63 Strobe (Slow <--> Fast) 64–255 Shutter1StrobePulse 3 · TBD
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	White	0	

23Ch Standard Mode (continued)

Ch	Function	Default	DMX values
16	White Fine	0	Fine byte of White
17	Color Macro1	0	0–9 No Function 10–19 Red 20–29 Green 30–39 Blue 40–49 White 50–59 Yellow 60–69 Purple 70–79 Teal 80–89 Lavender 90–99 Three Color: Blue/Green/Red 100–109 Two Color: Red/White 110–119 Two Color:White/Yellow 120–129 Three Color: Blue/White/Blue 130–139 Two Color: Purple/White 140–149 Two Color: White/Red 150–159 Three Color: Blue/Purple/Yellow 160–169 Three Color: Purple/White/Purple 170–179 Solid Color Fades 180–189 Ring Chase (In <--> Out) 190–199 Color Fill (In <--> Out) 200–209 RGB Chase (In <--> Out) 210–219 Random 220–223 Per-Ring Fades 224–232 RGB Pulse Out 233–241 Solid Color Pulse Out 242–250 RGB Pulse In 251–255 Solid Color Pulse In
18	Color Macro1Rate	0	
19	C TC	0	0–24 No Function 25–35 3200K 36–46 3400K 47–57 3600K 58–68 3800K 69–79 4000K 80–90 4200K 91–101 4400K 102–112 4600K 113–123 4800K 124–134 5000K 135–145 5200K 146–156 5400K 157–167 5600K 168–178 5800K 179–189 6000K 190–200 6200K 201–211 6400K 212–222 6600K 223–233 6800K 234–244 7000K 245–255 7200K
20	Zoom	0	
21	Zoom Fine	0	Fine byte of Zoom
22	Dimmer Mode	0	0–36 No Function 37–40 Linear Mode 1 (Hold value for 5 seconds) 41–44 Linear Mode 2 (Hold value for 5 seconds) 45–48 Exponential (Hold value for 5 seconds) 49–54 Parabolic (Hold value for 5 seconds) 55–255 No Function

23Ch Standard Mode (continued)

Ch	Function	Default	DMX values
23	Fixture Global Reset	0	0–127 No Function 128–159 Pan/Tilt Reset 160–223 Zoom Reset 224–255 Global Reset

39Ch Extended Mode

39 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	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Open 32–63 Strobe (Slow <--> Fast) 64–255 Shutter1StrobePulse 3 · TBD
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White
17	Red	255	
18	Red Fine	255	Fine byte of Red
19	Green	255	
20	Green Fine	255	Fine byte of Green
21	Blue	255	
22	Blue Fine	255	Fine byte of Blue
23	White	0	
24	White Fine	0	Fine byte of White
25	Red	255	
26	Red Fine	255	Fine byte of Red
27	Green	255	
28	Green Fine	255	Fine byte of Green
29	Blue	255	
30	Blue Fine	255	Fine byte of Blue
31	White	0	
32	White Fine	0	Fine byte of White

39Ch Extended Mode (continued)

Ch	Function	Default	DMX values
33	Color Macro1	0	0–9 No Function 10–19 Red 20–29 Green 30–39 Blue 40–49 White 50–59 Yellow 60–69 Purple 70–79 Teal 80–89 Lavender 90–99 Three Color: Blue/Green/Red 100–109 Two Color: Red/White 110–119 Two Color:White/Yellow 120–129 Three Color: Blue/White/Blue 130–139 Two Color: Purple/White 140–149 Two Color: White/Red 150–159 Three Color: Blue/Purple/Yellow 160–169 Three Color: Purple/White/Purple 170–179 Solid Color Fades 180–189 Ring Chase (In <--> Out) 190–199 Color Fill (In <--> Out) 200–209 RGB Chase (In <--> Out) 210–219 Random 220–223 Per-Ring Fades 224–232 RGB Pulse Out 233–241 Solid Color Pulse Out 242–250 RGB Pulse In 251–255 Solid Color Pulse In
34	Color Macro1Rate	0	
35	C TC	0	0–24 No Function 25–35 3200K 36–46 3400K 47–57 3600K 58–68 3800K 69–79 4000K 80–90 4200K 91–101 4400K 102–112 4600K 113–123 4800K 124–134 5000K 135–145 5200K 146–156 5400K 157–167 5600K 168–178 5800K 179–189 6000K 190–200 6200K 201–211 6400K 212–222 6600K 223–233 6800K 234–244 7000K 245–255 7200K
36	Zoom	0	
37	Zoom Fine	0	Fine byte of Zoom
38	Dimmer Mode	0	0–36 No Function 37–40 Linear Mode 1 (Hold value for 5 seconds) 41–44 Linear Mode 2 (Hold value for 5 seconds) 45–48 Exponential (Hold value for 5 seconds) 49–54 Parabolic (Hold value for 5 seconds) 55–255 No Function

39Ch Extended Mode (continued)

Ch	Function	Default	DMX values
39	Fixture Global Reset	0	0–127 No Function 128–159 Pan/Tilt Reset 160–223 Zoom Reset 224–255 Global Reset