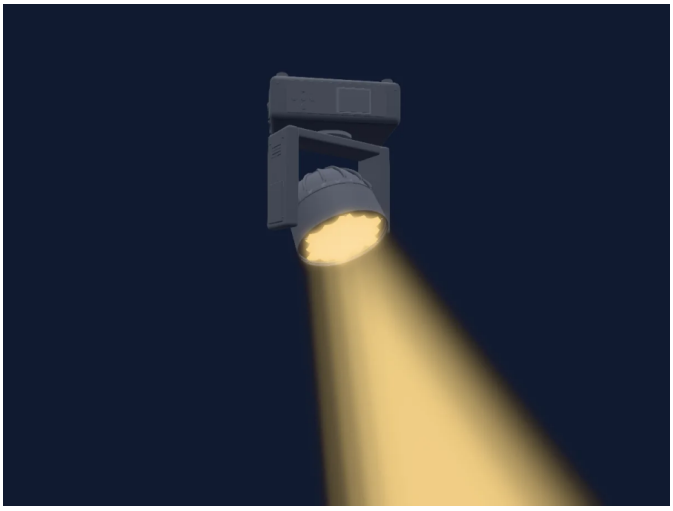
Prolights

DIAMOND19CC



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**14, 15, 16, 26 channels**
Beam angle	**7.5-41.4°**
Pan range	**630°**
Tilt range	**265°**
Heads / cells	**2**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**2B994B34-D055-55BB-B7A1-A2…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Effect speed · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Service functions

DMX modes

BAS-8	14 ch
STAND	15 ch
BAS-16	16 ch
EXT-1 provisional cells	26 ch

BAS-8

14 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Pan Tilt Speed	0	
4	Shutter / Strobe	32	0–31 Shutter closed 32–63 No function shutter open 64–95 Strobe effect slow to fast 96–127 No function shutter open 128–159 Pulse-effect in sequences 160–191 No function shutter open 192–223 Random strobe effect slow to fast 224–255 No function shutter open
5	Dimmer	0	
6	Control	0	0–15 On Function 16–31 CTC Function 32–47 Forward Spin 48–63 Reverse Spin 64–79 Continuous 80–111 Color Bounce 112–255 TBD
7	Effect Speed	0	
8	Effect Speed 2	0	
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Zoom	0	
14	Control	0	0–7 Normal 8–15 Reset All 16–23 Pan and Tilt Reset 24–47 TBD 48–55 Other Reset 56–63 Display Off 64–71 Display On 72–79 TBD 80–87 TBD 88–95 Hibernation 96–255 TBD

STAND

15 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Pan Tilt Speed	0	
4	Control	0	0–15 Normal Shutter Functions 16–31 Pulse-effect Forward 32–47 Pulse-effect Reverse 48–63 Random strobe 64–255 TBD
5	Shutter / Strobe	224	0–31 Close 32–223 Strobe Rate slow to fast 224–255 Open
6	Dimmer	0	

STAND (continued)

Ch	Function	Default	DMX values
7	Control	0	0–15 On Function 16–31 CTC Function 32–47 Forward Spin 48–63 Reverse Spin 64–79 Continuous 80–111 Color Bounce 112–255 TBD
8	Effect Speed	0	
9	Effect Speed 2	0	
10	Red	0	
11	Green	0	
12	Blue	0	
13	White	0	
14	Zoom	0	
15	Control	0	0–7 Normal 8–15 Reset All 16–23 Pan and Tilt Reset 24–47 TBD 48–55 Other Reset 56–63 Display Off 64–71 Display On 72–79 TBD 80–87 TBD 88–95 Hibernation 96–255 TBD

BAS-16

16 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	Pan Tilt Speed	0	
6	Shutter / Strobe	32	0–31 Shutter closed 32–63 No function shutter open 64–95 Strobe effect slow to fast 96–127 No function shutter open 128–159 Pulse-effect in sequences 160–191 No function shutter open 192–223 Random strobe effect slow to fast 224–255 No function shutter open
7	Dimmer	0	
8	Control	0	0–15 On Function 16–31 CTC Function 32–47 Forward Spin 48–63 Reverse Spin 64–79 Continuous 80–111 Color Bounce 112–255 TBD
9	Effect Speed	0	
10	Effect Speed 2	0	
11	Red	0	
12	Green	0	

BAS-16 (continued)

Ch	Function	Default	DMX values
13	Blue	0	
14	White	0	
15	Zoom	0	
16	Control	0	0–7 Normal 8–15 Reset All 16–23 Pan and Tilt Reset 24–47 TBD 48–55 Other Reset 56–63 Display Off 64–71 Display On 72–79 TBD 80–87 TBD 88–95 Hibernation 96–255 TBD

EXT-1 provisional cells

26 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	Pan Tilt Speed	0	
6	Control	0	0–15 Normal 16–31 Movement with backout 32–255 TBD
7	Control	0	0–15 Normal Shutter Functions 16–31 Pulse-effect Forward 32–47 Pulse-effect Reverse 48–63 Random strobe 64–255 TBD
8	Shutter / Strobe	224	0–31 Close 32–223 Strobe Rate slow to fast 224–255 Open
9	Dimmer	0	
10	Control	0	0–15 On Function 16–31 CTC Function 32–47 Forward Spin 48–63 Reverse Spin 64–79 Continuous 80–111 Color Bounce 112–255 TBD
11	Effect Speed	0	
12	Effect Speed 2	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Zoom	0	
18	Red	0	
19	Green	0	
20	Blue	0	

EXT-1 provisional cells (continued)

Ch	Function	Default	DMX values
21	White	0	
22	Red	0	
23	Green	0	
24	Blue	0	
25	White	0	
26	Control	0	0–7 Normal 8–15 Reset All 16–23 Pan and Tilt Reset 24–47 TBD 48–55 Other Reset 56–63 Display Off 64–71 Display On 72–79 TBD 80–87 TBD 88–95 Hibernation 96–255 TBD

Fixture model: gdtf-prolights-diamond19cc-2000060113
Original HitLight parametric reconstruction. Manufacturer drawings and photographs used as dimensional and visual references; no third-part…
Creator: HitLight