Robe Lighting

Robin 600ESpot



Manufacturer	**Robe Lighting**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**23, 25, 32 channels**
Beam angle	**10-45°**
Pan range	**540°**
Tilt range	**280°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**148F33FA-2FD7-5B57-9309-BE...**

Controls

Focus · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Dimmer · Pan and tilt

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Mode 3 (23ch)	23 ch
Mode 2 (25ch)	25 ch
Mode 1 (32ch)	32 ch

Mode 3 (23ch)

23 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Pan Tilt Speed	0	0–0 Max speed tracking mode 1–255 Speed max to min OR Time0.1to25.5s per fixture me...
4	Control	0	0–49 Reserved safe neutral 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheel moving 100–109 Disabled blackout while colour wheel moving 110–119 Blackout while gobo wheel moving 120–129 Disabled blackout while gobo wheel moving 130–139 Lamp On and reset total except pan/tilt 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Gobo wheels reset 170–179 Dimmer/Shutter/Hotspot reset 180–189 Zoom/Focus/Frost/Prism reset 190–199 Iris reset 200–209 Total reset 210–229 Reserved 230–239 Lamp Off 240–240 Disabled Silent fan mode 241–255 Silent fan noise min to max
5	Color Wheel	128	0–15 Open/white (wheel slot 1) 16–31 Deep red (wheel slot 2) 32–47 Deep blue (wheel slot 3) 48–63 Orange (wheel slot 4) 64–79 Green (wheel slot 5) 80–95 Light red (wheel slot 6) 96–111 Amber (wheel slot 7) 112–127 UV filter (wheel slot 8) 128–129 White (wheel slot 1) 130–137 Deep red (wheel slot 2) 138–145 Deep blue (wheel slot 3) 146–153 Orange (wheel slot 4) 154–163 Green (wheel slot 5) 164–171 Light red (wheel slot 6) 172–181 Amber (wheel slot 7) 182–189 UV filter (wheel slot 8) 190–215 Forwards rainbow fast to slow 216–217 No rotation 218–243 Backwards rainbow slow to fast 244–249 Random colour by audio; fixture menu mic sensiti... 250–255 Auto random colour fast to slow
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	

Mode 3 (23ch) (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–7 No function 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–243 Macro 30 244–249 Random macro by audio; fixture menu sensitivity 250–255 Auto random macro fast to slow
11	Effect Speed	0	

Mode 3 (23ch) (continued)

Ch	Function	Default	DMX values
12	Gobo	200	0–6 Open/hole (wheel slot 1) 7–12 Gobo 1 (wheel slot 2) 13–18 Gobo 2 (wheel slot 3) 19–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–38 Gobo 5 (wheel slot 6) 39–44 Gobo 6 (wheel slot 7) 45–50 Gobo 7 (wheel slot 8) 51–57 Gobo 8 (wheel slot 9) 58–63 Gobo 9 (wheel slot 10) 64–64 Open/hole (wheel slot 1) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–119 Gobo 1 shake (wheel slot 2) 120–129 Gobo 2 shake (wheel slot 3) 130–139 Gobo 3 shake (wheel slot 4) 140–149 Gobo 4 shake (wheel slot 5) 150–159 Gobo 5 shake (wheel slot 6) 160–169 Gobo 6 shake (wheel slot 7) 170–179 Gobo 7 shake (wheel slot 8) 180–189 Gobo 8 shake (wheel slot 9) 190–199 Gobo 9 shake (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–221 Forwards wheel fast to slow 222–223 No rotation 224–243 Backwards wheel slow to fast 244–249 Random gobo by audio 250–255 Auto random gobo fast to slow

Mode 3 (23ch) (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–3 Open/hole (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 1 (wheel slot 2) 36–39 Gobo 2 (wheel slot 3) 40–43 Gobo 3 (wheel slot 4) 44–47 Gobo 4 (wheel slot 5) 48–51 Gobo 5 (wheel slot 6) 52–55 Gobo 6 (wheel slot 7) 56–59 Gobo 7 (wheel slot 8) 60–69 Gobo 1 (wheel slot 2) 70–79 Gobo 2 (wheel slot 3) 80–89 Gobo 3 (wheel slot 4) 90–99 Gobo 4 (wheel slot 5) 100–109 Gobo 5 (wheel slot 6) 110–119 Gobo 6 (wheel slot 7) 120–129 Gobo 7 (wheel slot 8) 130–139 Gobo 1 (wheel slot 2) 140–149 Gobo 2 (wheel slot 3) 150–159 Gobo 3 (wheel slot 4) 160–169 Gobo 4 (wheel slot 5) 170–179 Gobo 5 (wheel slot 6) 180–189 Gobo 6 (wheel slot 7) 190–199 Gobo 7 (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–221 Forwards wheel fast to slow 222–223 No rotation 224–243 Backwards wheel slow to fast 244–249 Random gobo by audio 250–255 Auto random gobo fast to slow
14	Gobo Rotation 2	0	0–0 No rotation 1–127 Forwards rotation fast to slow 128–129 No rotation 130–255 Backwards rotation slow to fast
15	Prism	0	0–19 Open position (hole) 20–127 3facet rotating prism 128–135 Prism gobo macro 1 136–143 Prism gobo macro 2 144–151 Prism gobo macro 3 152–159 Prism gobo macro 4 160–167 Prism gobo macro 5 168–175 Prism gobo macro 6 176–183 Prism gobo macro 7 184–191 Prism gobo macro 8 192–199 Prism gobo macro 9 200–207 Prism gobo macro 10 208–215 Prism gobo macro 11 216–223 Prism gobo macro 12 224–231 Prism gobo macro 13 232–239 Prism gobo macro 14 240–247 Prism gobo macro 15 248–255 Prism gobo macro 16
16	Prism Rotation	0	0–0 No rotation 1–127 Forwards slow to fast 128–129 No rotation 130–255 Backwards slow to fast

Mode 3 (23ch) (continued)

Ch	Function	Default	DMX values
17	Frost1	0	0–0 Open 1–179 Frost0to100percent 180–189 100percent frost 190–211 Pulse closing slow to fast 212–233 Pulse opening fast to slow 234–255 Ramping fast to slow
18	Iris	0	0–0 Open 1–179 From maxdiameter to mindiameter 180–191 Closed 192–219 Pulse opening with blackout slow to fast 220–247 Pulse closing with blackout fast to slow 248–249 Random opening fast 250–251 Random opening slow 252–253 Random closing fast 254–255 Random closing slow
19	Zoom	0	
20	Focus	0	
21	Beam Distribution	0	
22	Shutter / Strobe	32	0–31 Shutter closed lamp reduced260W 32–63 Shutter open full lamp power 64–95 Mechanical strobe slow to fast 96–127 Shutter open lamp reduced260W 128–143 Opening pulse sequences slow to fast 144–159 Closing pulse sequences slow to fast 160–191 Electronic strobing ZAP slow to fast 192–223 Random strobe slow to fast 224–255 Shutter open full lamp power
23	Dimmer	0	

Mode 2 (25ch)

25 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	0–0 Max speed tracking mode 1–255 Speed max to min OR Time0.1to25.5s per fixture me…

Mode 2 (25ch) (continued)

Ch	Function	Default	DMX values
6	Control	0	0–49 Reserved safe neutral 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheel moving 100–109 Disabled blackout while colour wheel moving 110–119 Blackout while gobo wheel moving 120–129 Disabled blackout while gobo wheel moving 130–139 Lamp On and reset total except pan/tilt 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Gobo wheels reset 170–179 Dimmer/Shutter/Hotspot reset 180–189 Zoom/Focus/Frost/Prism reset 190–199 Iris reset 200–209 Total reset 210–229 Reserved 230–239 Lamp Off 240–240 Disabled Silent fan mode 241–255 Silent fan noise min to max
7	Color Wheel	128	0–15 Open/white (wheel slot 1) 16–31 Deep red (wheel slot 2) 32–47 Deep blue (wheel slot 3) 48–63 Orange (wheel slot 4) 64–79 Green (wheel slot 5) 80–95 Light red (wheel slot 6) 96–111 Amber (wheel slot 7) 112–127 UV filter (wheel slot 8) 128–129 White (wheel slot 1) 130–137 Deep red (wheel slot 2) 138–145 Deep blue (wheel slot 3) 146–153 Orange (wheel slot 4) 154–163 Green (wheel slot 5) 164–171 Light red (wheel slot 6) 172–181 Amber (wheel slot 7) 182–189 UV filter (wheel slot 8) 190–215 Forwards rainbow fast to slow 216–217 No rotation 218–243 Backwards rainbow slow to fast 244–249 Random colour by audio; fixture menu mic sensiti… 250–255 Auto random colour fast to slow
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	C TO	0	

Mode 2 (25ch) (continued)

Ch	Function	Default	DMX values
12	Color Macro1	0	0–7 No function 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–243 Macro 30 244–249 Random macro by audio; fixture menu sensitivity 250–255 Auto random macro fast to slow
13	Effect Speed	0	

Mode 2 (25ch) (continued)

Ch	Function	Default	DMX values
14	Gobo	200	0–6 Open/hole (wheel slot 1) 7–12 Gobo 1 (wheel slot 2) 13–18 Gobo 2 (wheel slot 3) 19–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–38 Gobo 5 (wheel slot 6) 39–44 Gobo 6 (wheel slot 7) 45–50 Gobo 7 (wheel slot 8) 51–57 Gobo 8 (wheel slot 9) 58–63 Gobo 9 (wheel slot 10) 64–64 Open/hole (wheel slot 1) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–119 Gobo 1 shake (wheel slot 2) 120–129 Gobo 2 shake (wheel slot 3) 130–139 Gobo 3 shake (wheel slot 4) 140–149 Gobo 4 shake (wheel slot 5) 150–159 Gobo 5 shake (wheel slot 6) 160–169 Gobo 6 shake (wheel slot 7) 170–179 Gobo 7 shake (wheel slot 8) 180–189 Gobo 8 shake (wheel slot 9) 190–199 Gobo 9 shake (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–221 Forwards wheel fast to slow 222–223 No rotation 224–243 Backwards wheel slow to fast 244–249 Random gobo by audio 250–255 Auto random gobo fast to slow

Mode 2 (25ch) (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–3 Open/hole (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 1 (wheel slot 2) 36–39 Gobo 2 (wheel slot 3) 40–43 Gobo 3 (wheel slot 4) 44–47 Gobo 4 (wheel slot 5) 48–51 Gobo 5 (wheel slot 6) 52–55 Gobo 6 (wheel slot 7) 56–59 Gobo 7 (wheel slot 8) 60–69 Gobo 1 (wheel slot 2) 70–79 Gobo 2 (wheel slot 3) 80–89 Gobo 3 (wheel slot 4) 90–99 Gobo 4 (wheel slot 5) 100–109 Gobo 5 (wheel slot 6) 110–119 Gobo 6 (wheel slot 7) 120–129 Gobo 7 (wheel slot 8) 130–139 Gobo 1 (wheel slot 2) 140–149 Gobo 2 (wheel slot 3) 150–159 Gobo 3 (wheel slot 4) 160–169 Gobo 4 (wheel slot 5) 170–179 Gobo 5 (wheel slot 6) 180–189 Gobo 6 (wheel slot 7) 190–199 Gobo 7 (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–221 Forwards wheel fast to slow 222–223 No rotation 224–243 Backwards wheel slow to fast 244–249 Random gobo by audio 250–255 Auto random gobo fast to slow
16	Gobo Rotation 2	0	0–0 No rotation 1–127 Forwards rotation fast to slow 128–129 No rotation 130–255 Backwards rotation slow to fast
17	Prism	0	0–19 Open position (hole) 20–127 3facet rotating prism 128–135 Prism gobo macro 1 136–143 Prism gobo macro 2 144–151 Prism gobo macro 3 152–159 Prism gobo macro 4 160–167 Prism gobo macro 5 168–175 Prism gobo macro 6 176–183 Prism gobo macro 7 184–191 Prism gobo macro 8 192–199 Prism gobo macro 9 200–207 Prism gobo macro 10 208–215 Prism gobo macro 11 216–223 Prism gobo macro 12 224–231 Prism gobo macro 13 232–239 Prism gobo macro 14 240–247 Prism gobo macro 15 248–255 Prism gobo macro 16
18	Prism Rotation	0	0–0 No rotation 1–127 Forwards slow to fast 128–129 No rotation 130–255 Backwards slow to fast

Mode 2 (25ch) (continued)

Ch	Function	Default	DMX values
19	Frost1	0	0–0 Open 1–179 Frost0to100percent 180–189 100percent frost 190–211 Pulse closing slow to fast 212–233 Pulse opening fast to slow 234–255 Ramping fast to slow
20	Iris	0	0–0 Open 1–179 From maxdiameter to mindiameter 180–191 Closed 192–219 Pulse opening with blackout slow to fast 220–247 Pulse closing with blackout fast to slow 248–249 Random opening fast 250–251 Random opening slow 252–253 Random closing fast 254–255 Random closing slow
21	Zoom	0	
22	Focus	0	
23	Beam Distribution	0	
24	Shutter / Strobe	32	0–31 Shutter closed lamp reduced260W 32–63 Shutter open full lamp power 64–95 Mechanical strobe slow to fast 96–127 Shutter open lamp reduced260W 128–143 Opening pulse sequences slow to fast 144–159 Closing pulse sequences slow to fast 160–191 Electronic strobing ZAP slow to fast 192–223 Random strobe slow to fast 224–255 Shutter open full lamp power
25	Dimmer	0	

Mode 1 (32ch)

32 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	0–0 Max speed tracking mode 1–255 Speed max to min OR Time0.1to25.5s per fixture me…

Mode 1 (32ch) (continued)

Ch	Function	Default	DMX values
6	Control	0	0–49 Reserved safe neutral 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheel moving 100–109 Disabled blackout while colour wheel moving 110–119 Blackout while gobo wheel moving 120–129 Disabled blackout while gobo wheel moving 130–139 Lamp On and reset total except pan/tilt 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Gobo wheels reset 170–179 Dimmer/Shutter/Hotspot reset 180–189 Zoom/Focus/Frost/Prism reset 190–199 Iris reset 200–209 Total reset 210–229 Reserved 230–239 Lamp Off 240–240 Disabled Silent fan mode 241–255 Silent fan noise min to max
7	Color Wheel	128	0–15 Open/white (wheel slot 1) 16–31 Deep red (wheel slot 2) 32–47 Deep blue (wheel slot 3) 48–63 Orange (wheel slot 4) 64–79 Green (wheel slot 5) 80–95 Light red (wheel slot 6) 96–111 Amber (wheel slot 7) 112–127 UV filter (wheel slot 8) 128–129 White (wheel slot 1) 130–137 Deep red (wheel slot 2) 138–145 Deep blue (wheel slot 3) 146–153 Orange (wheel slot 4) 154–163 Green (wheel slot 5) 164–171 Light red (wheel slot 6) 172–181 Amber (wheel slot 7) 182–189 UV filter (wheel slot 8) 190–215 Forwards rainbow fast to slow 216–217 No rotation 218–243 Backwards rainbow slow to fast 244–249 Random colour by audio; fixture menu mic sensiti… 250–255 Auto random colour fast to slow
8	Color Wheel Fine	0	Fine byte of Color Wheel
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	C TO	0	

Mode 1 (32ch) (continued)

Ch	Function	Default	DMX values
13	Color Macro1	0	0–7 No function 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–243 Macro 30 244–249 Random macro by audio; fixture menu sensitivity 250–255 Auto random macro fast to slow
14	Effect Speed	0	

Mode 1 (32ch) (continued)

Ch	Function	Default	DMX values
15	Gobo	200	0–6 Open/hole (wheel slot 1) 7–12 Gobo 1 (wheel slot 2) 13–18 Gobo 2 (wheel slot 3) 19–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–38 Gobo 5 (wheel slot 6) 39–44 Gobo 6 (wheel slot 7) 45–50 Gobo 7 (wheel slot 8) 51–57 Gobo 8 (wheel slot 9) 58–63 Gobo 9 (wheel slot 10) 64–64 Open/hole (wheel slot 1) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–119 Gobo 1 shake (wheel slot 2) 120–129 Gobo 2 shake (wheel slot 3) 130–139 Gobo 3 shake (wheel slot 4) 140–149 Gobo 4 shake (wheel slot 5) 150–159 Gobo 5 shake (wheel slot 6) 160–169 Gobo 6 shake (wheel slot 7) 170–179 Gobo 7 shake (wheel slot 8) 180–189 Gobo 8 shake (wheel slot 9) 190–199 Gobo 9 shake (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–221 Forwards wheel fast to slow 222–223 No rotation 224–243 Backwards wheel slow to fast 244–249 Random gobo by audio 250–255 Auto random gobo fast to slow
16	Gobo Fine	0	Fine byte of Gobo

Mode 1 (32ch) (continued)

Ch	Function	Default	DMX values
17	Gobo 2	0	0–3 Open/hole (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 1 (wheel slot 2) 36–39 Gobo 2 (wheel slot 3) 40–43 Gobo 3 (wheel slot 4) 44–47 Gobo 4 (wheel slot 5) 48–51 Gobo 5 (wheel slot 6) 52–55 Gobo 6 (wheel slot 7) 56–59 Gobo 7 (wheel slot 8) 60–69 Gobo 1 (wheel slot 2) 70–79 Gobo 2 (wheel slot 3) 80–89 Gobo 3 (wheel slot 4) 90–99 Gobo 4 (wheel slot 5) 100–109 Gobo 5 (wheel slot 6) 110–119 Gobo 6 (wheel slot 7) 120–129 Gobo 7 (wheel slot 8) 130–139 Gobo 1 (wheel slot 2) 140–149 Gobo 2 (wheel slot 3) 150–159 Gobo 3 (wheel slot 4) 160–169 Gobo 4 (wheel slot 5) 170–179 Gobo 5 (wheel slot 6) 180–189 Gobo 6 (wheel slot 7) 190–199 Gobo 7 (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–221 Forwards wheel fast to slow 222–223 No rotation 224–243 Backwards wheel slow to fast 244–249 Random gobo by audio 250–255 Auto random gobo fast to slow
18	Gobo Rotation 2	0	0–0 No rotation 1–127 Forwards rotation fast to slow 128–129 No rotation 130–255 Backwards rotation slow to fast
19	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
20	Prism	0	0–19 Open position (hole) 20–127 3facet rotating prism 128–135 Prism gobo macro 1 136–143 Prism gobo macro 2 144–151 Prism gobo macro 3 152–159 Prism gobo macro 4 160–167 Prism gobo macro 5 168–175 Prism gobo macro 6 176–183 Prism gobo macro 7 184–191 Prism gobo macro 8 192–199 Prism gobo macro 9 200–207 Prism gobo macro 10 208–215 Prism gobo macro 11 216–223 Prism gobo macro 12 224–231 Prism gobo macro 13 232–239 Prism gobo macro 14 240–247 Prism gobo macro 15 248–255 Prism gobo macro 16

Mode 1 (32ch) (continued)

Ch	Function	Default	DMX values
21	Prism Rotation	0	0–0 No rotation 1–127 Forwards slow to fast 128–129 No rotation 130–255 Backwards slow to fast
22	Frost1	0	0–0 Open 1–179 Frost0to100percent 180–189 100percent frost 190–211 Pulse closing slow to fast 212–233 Pulse opening fast to slow 234–255 Ramping fast to slow
23	Iris	0	0–0 Open 1–179 From maxdiameter to mindiameter 180–191 Closed 192–219 Pulse opening with blackout slow to fast 220–247 Pulse closing with blackout fast to slow 248–249 Random opening fast 250–251 Random opening slow 252–253 Random closing fast 254–255 Random closing slow
24	Iris Fine	0	Fine byte of Iris
25	Zoom	0	
26	Zoom Fine	0	Fine byte of Zoom
27	Focus	0	
28	Focus Fine	0	Fine byte of Focus
29	Beam Distribution	0	
30	Shutter / Strobe	32	0–31 Shutter closed lamp reduced260W 32–63 Shutter open full lamp power 64–95 Mechanical strobe slow to fast 96–127 Shutter open lamp reduced260W 128–143 Opening pulse sequences slow to fast 144–159 Closing pulse sequences slow to fast 160–191 Electronic strobing ZAP slow to fast 192–223 Random strobe slow to fast 224–255 Shutter open full lamp power
31	Dimmer	0	
32	Dimmer Fine	0	Fine byte of Dimmer

Fixture model: gdtf-robe-lighting-robin-600espot-2000060601
Original HitLight parametric reconstruction. Manufacturer drawings and photographs used as dimensional and visual references; no third-part…
Creator: HitLight