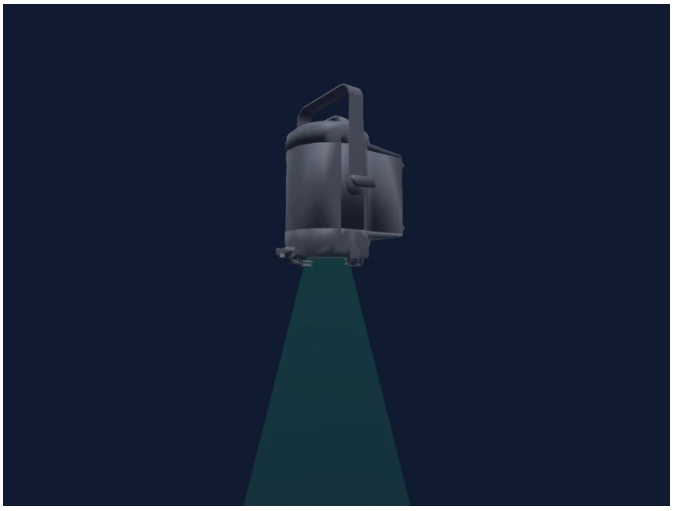
Krypton

LED Fresnel 500TW



Manufacturer	**Krypton**
Type	**Spot**
DMX modes	**6**
DMX footprint	**1, 7, 10, 12, 15, 19 channels**
Beam angle	**10-50°**
Size (W × H × D)	**260 × 410 × 360 mm**
GDTF fixture type	**AD19BB1F-153F-4032-8FAB-BB…**

Controls

Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer

DMX modes

1CH Dimmer	1 ch
7CH Dimmer Color	7 ch
10CH CMY	10 ch
12CH Standard	12 ch
15CH CMY Extended	15 ch
19CH Extended	19 ch

1CH Dimmer

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	

7CH Dimmer Color

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–159 Ramp Up Slow to Fast 160–191 Led ON 192–223 Strobe Random Slow to Fast 224–255 Led ON
4	C TO	0	

7CH Dimmer Color (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Color (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 55) 192–198 Rotate mid >> (wheel slot 56) 199–201 Rotate slow > (wheel slot 57) 202–207 Stop Rotation (wheel slot 58) 208–214 < Rotate slow (wheel slot 59) 215–226 << Rotate mid (wheel slot 60) 227–229 <<< Rotate fast (wheel slot 61) 230–234 Open (wheel slot 63) 235–239 Random fast (wheel slot 64)

7CH Dimmer Color (continued)

Ch	Function	Default	DMX values
6	Zoom	127	0–127 narrow (10 Deg) 128–254 medium (30 Deg) 255–255 wide (50 Deg)
7	Control1	0	

10CH CMY

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–159 Ramp Up Slow to Fast 160–191 Led ON 192–223 Strobe Random Slow to Fast 224–255 Led ON
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	

10CH CMY (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Color (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 55) 192–198 Rotate mid >> (wheel slot 56) 199–201 Rotate slow > (wheel slot 57) 202–207 Stop Rotation (wheel slot 58) 208–214 < Rotate slow (wheel slot 59) 215–226 << Rotate mid (wheel slot 60) 227–229 <<< Rotate fast (wheel slot 61) 230–234 Open (wheel slot 63) 235–239 Random fast (wheel slot 64)

10CH CMY (continued)

Ch	Function	Default	DMX values
9	Zoom	127	0–127 narrow (10 Deg) 128–254 medium (30 Deg) 255–255 wide (50 Deg)
10	Control1	0	

12CH Standard

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–159 Ramp Up Slow to Fast 160–191 Led ON 192–223 Strobe Random Slow to Fast 224–255 Led ON
4	Red	0	
5	Green	0	
6	Blue	0	
7	Color Add GC	0	
8	Color Add RY	0	
9	C TO	0	

12CH Standard (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Color (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 55) 192–198 Rotate mid >> (wheel slot 56) 199–201 Rotate slow > (wheel slot 57) 202–207 Stop Rotation (wheel slot 58) 208–214 < Rotate slow (wheel slot 59) 215–226 << Rotate mid (wheel slot 60) 227–229 <<< Rotate fast (wheel slot 61) 230–234 Open (wheel slot 63) 235–239 Random fast (wheel slot 64)

12CH Standard (continued)

Ch	Function	Default	DMX values
11	Zoom	127	0–127 narrow (10 Deg) 128–254 medium (30 Deg) 255–255 wide (50 Deg)
12	Control1	0	

15CH CMY Extended

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–159 Ramp Up Slow to Fast 160–191 Led ON 192–223 Strobe Random Slow to Fast 224–255 Led ON
4	Cyan	0	
5	Cyan Fine	0	Fine byte of Cyan
6	Magenta	0	
7	Magenta Fine	0	Fine byte of Magenta
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	C TO	0	

15CH CMY Extended (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Color (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 55) 192–198 Rotate mid >> (wheel slot 56) 199–201 Rotate slow > (wheel slot 57) 202–207 Stop Rotation (wheel slot 58) 208–214 < Rotate slow (wheel slot 59) 215–226 << Rotate mid (wheel slot 60) 227–229 <<< Rotate fast (wheel slot 61) 230–234 Open (wheel slot 63) 235–239 Random fast (wheel slot 64)

15CH CMY Extended (continued)

Ch	Function	Default	DMX values
12	Tint	0	0–0 Idle 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green
13	Zoom	127	0–127 narrow (10 Deg) 128–254 medium (30 Deg) 255–255 wide (50 Deg)
14	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
15	Control1	0	

19CH Extended

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	50	0–31 Led OFF 32–63 Led ON 64–95 Strobe Slow to Fast 96–127 Led ON 128–159 Ramp Up Slow to Fast 160–191 Led ON 192–223 Strobe Random Slow to Fast 224–255 Led ON
4	Red	0	
5	Red Fine	0	Fine byte of Red
6	Green	0	
7	Green Fine	0	Fine byte of Green
8	Blue	0	
9	Blue Fine	0	Fine byte of Blue

19CH Extended (continued)

Ch	Function	Default	DMX values
10	Color Add GC	0	
11	Color Add GC Fine	0	Fine byte of Color Add GC
12	Color Add RY	0	
13	Color Add RY Fine	0	Fine byte of Color Add RY
14	C TO	0	

19CH Extended (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Color (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 55) 192–198 Rotate mid >> (wheel slot 56) 199–201 Rotate slow > (wheel slot 57) 202–207 Stop Rotation (wheel slot 58) 208–214 < Rotate slow (wheel slot 59) 215–226 << Rotate mid (wheel slot 60) 227–229 <<< Rotate fast (wheel slot 61) 230–234 Open (wheel slot 63) 235–239 Random fast (wheel slot 64)

19CH Extended (continued)

Ch	Function	Default	DMX values
16	Tint	0	0–0 Idle 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green
17	Zoom	127	0–127 narrow (10 Deg) 128–254 medium (30 Deg) 255–255 wide (50 Deg)
18	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
19	Control1	0	