Briteq

BT-PROFILE 6C20



Manufacturer	**Briteq**
Type	**Profile spot**
DMX modes	**8**
DMX footprint	**1, 2, 3, 8, 11, 14, 21 channels**
Beam angle	**20.7°**
Pan range	**360°**
Tilt range	**360°**
Size (W × H × D)	**163 × 694 × 226 mm**
GDTF fixture type	**63E8FC5B-F532-4CEF-B293-E92…**

Controls

Extra LED colours · Hue and saturation · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset

DMX modes

Uno	1 ch
Dos	2 ch
Basic	3 ch
HSIC	8 ch
SSP	8 ch
CMY	11 ch
Tour	14 ch
TR16 (20Ch)	21 ch

Uno

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Dos

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

Basic

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Basic (continued)

Ch	Function	Default	DMX values
2	Color Wheel	0	0–10 Disabled (wheel slot 49) 11–15 L176 - Loving Amber (wheel slot 1) 16–20 R40 - Light Salmon (wheel slot 2) 21–25 L024 - Scarlet (wheel slot 3) 26–30 L164 - Flame Red (wheel slot 4) 31–35 L747 - Easy White (wheel slot 5) 36–40 R303 - Warm Peach (wheel slot 6) 41–45 L008 - Dark Salmon (wheel slot 7) 46–50 L025 - Sunset Red (wheel slot 8) 51–55 L004 - Medium Bastard Amber (wheel slot 9) 56–60 L237 - CID (to tungsten) (wheel slot 10) 61–65 R321 - Soft Golder Amber (wheel slot 11) 66–70 L652 - Urban Sodium (wheel slot 12) 71–75 L212 - LCT Yellow (wheel slot 13) 76–80 L765 - LEE Yellow (wheel slot 14) 81–85 L513 - Ice And A Slice (wheel slot 15) 86–90 L100 - Spring Yellow (wheel slot 16) 91–95 L244 - LEE Plus Green (wheel slot 17) 96–100 R4430 - CalColor 30 Green (wheel slot 18) 101–105 L122 - Fern Green (wheel slot 19) 106–110 L090 - Dark Yellow Green (wheel slot 20) 111–115 L243 - LEE Fluorecent 3600K (wheel slot 21) 116–120 R92 - Turquoise (wheel slot 22) 121–125 R94 - Kelly Green (wheel slot 23) 126–130 L327 - Forest Green (wheel slot 24) 131–135 L191 - Cosmetic Aqua Blue (wheel slot 25) 136–140 L728 - Steel Green (wheel slot 26) 141–145 L117 - Steel Blue (wheel slot 27) 146–150 L354 - Special Steel Blue (wheel slot 28) 151–155 L053 - Paler Lavender (wheel slot 29) 156–160 L501 - New Colour Blue (wheel slot 30) 161–165 L174 - Dark Steel Blue (wheel slot 31) 166–170 L165 - Daylight Blue (wheel slot 32) 171–175 L136 - Pale Lavender (wheel slot 33) 176–180 L194 - Surprice Pink (wheel slot 34) 181–185 L142 - Pale Violet (wheel slot 35) 186–190 L700 - Perfect Lavender (wheel slot 36) 191–195 L035 - Light Pink (wheel slot 37) 196–200 L794 - Pretty'n Pink (wheel slot 38) 201–205 L328 - Follies Pink (wheel slot 39) 206–210 L795 - Magical Magenta (wheel slot 40) 211–215 L154 - Pale Rose (wheel slot 41) 216–220 L127 - Smokey Pink (wheel slot 42) 221–225 L192 - Flesh Pink (wheel slot 43) 226–230 L332 - Special Rose Pink (wheel slot 44) 231–235 L790 - Moroccan Pink (wheel slot 45) 236–240 L157 - Pink (wheel slot 46) 241–245 R332 - Cherry Rose (wheel slot 47) 246–250 L128 - Cool LED Bright Pink (wheel slot 48) 251–255 NoFeature

Basic (continued)

Ch	Function	Default	DMX values
3	C CT	70	0–9 Disaled 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

8 channels

Ch	Function	Default	DMX values
1	H SBBrightness	0	
2	H SBHue	0	
3	H SBHue Fine	0	Fine byte of H SBHue
4	H SBSaturation	0	
5	C CT	0	0–9 Disaled 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
6	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 open 110–110 Shutter1StrobeEffect 3 · Min Lightning 111–178 Shutter1StrobeEffect 3 · Lightning <> 179–179 Shutter1StrobeEffect 3 · Max lightning 180–189 Open 190–255 Random strobe
7	Tint	0	0–16 Disabled 17–116 +Magenta 117–139 Neutral 140–255 +Green

HSIC (continued)

Ch	Function	Default	DMX values
8	Control1	0	0–100 No Function 101–110 Dimmer Off 111–120 Dim4 121–150 NoFeature 1 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 NoFeature 2

SSP

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	Color Add GY	0	
7	Color Add GC	0	
8	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 open 110–110 Shutter1StrobeEffect 3 · Min Lightning 111–178 Shutter1StrobeEffect 3 · Lightning <> 179–179 Shutter1StrobeEffect 3 · Max lightning 180–189 Open 190–255 Random strobe

CMY

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Color RGBCyan	255	
3	Color RGBMagenta	255	
4	Color RGBYellow	255	

CMY (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–10 Disabled (wheel slot 49) 11–15 L176 - Loving Amber (wheel slot 1) 16–20 R40 - Light Salmon (wheel slot 2) 21–25 L024 - Scarlet (wheel slot 3) 26–30 L164 - Flame Red (wheel slot 4) 31–35 L747 - Easy White (wheel slot 5) 36–40 R303 - Warm Peach (wheel slot 6) 41–45 L008 - Dark Salmon (wheel slot 7) 46–50 L025 - Sunset Red (wheel slot 8) 51–55 L004 - Medium Bastard Amber (wheel slot 9) 56–60 L237 - CID (to tungsten) (wheel slot 10) 61–65 R321 - Soft Golder Amber (wheel slot 11) 66–70 L652 - Urban Sodium (wheel slot 12) 71–75 L212 - LCT Yellow (wheel slot 13) 76–80 L765 - LEE Yellow (wheel slot 14) 81–85 L513 - Ice And A Slice (wheel slot 15) 86–90 L100 - Spring Yellow (wheel slot 16) 91–95 L244 - LEE Plus Green (wheel slot 17) 96–100 R4430 - CalColor 30 Green (wheel slot 18) 101–105 L122 - Fern Green (wheel slot 19) 106–110 L090 - Dark Yellow Green (wheel slot 20) 111–115 L243 - LEE Fluorecent 3600K (wheel slot 21) 116–120 R92 - Turquoise (wheel slot 22) 121–125 R94 - Kelly Green (wheel slot 23) 126–130 L327 - Forest Green (wheel slot 24) 131–135 L191 - Cosmetic Aqua Blue (wheel slot 25) 136–140 L728 - Steel Green (wheel slot 26) 141–145 L117 - Steel Blue (wheel slot 27) 146–150 L354 - Special Steel Blue (wheel slot 28) 151–155 L053 - Paler Lavender (wheel slot 29) 156–160 L501 - New Colour Blue (wheel slot 30) 161–165 L174 - Dark Steel Blue (wheel slot 31) 166–170 L165 - Daylight Blue (wheel slot 32) 171–175 L136 - Pale Lavender (wheel slot 33) 176–180 L194 - Surprice Pink (wheel slot 34) 181–185 L142 - Pale Violet (wheel slot 35) 186–190 L700 - Perfect Lavender (wheel slot 36) 191–195 L035 - Light Pink (wheel slot 37) 196–200 L794 - Pretty'n Pink (wheel slot 38) 201–205 L328 - Follies Pink (wheel slot 39) 206–210 L795 - Magical Magenta (wheel slot 40) 211–215 L154 - Pale Rose (wheel slot 41) 216–220 L127 - Smokey Pink (wheel slot 42) 221–225 L192 - Flesh Pink (wheel slot 43) 226–230 L332 - Special Rose Pink (wheel slot 44) 231–235 L790 - Moroccan Pink (wheel slot 45) 236–240 L157 - Pink (wheel slot 46) 241–245 R332 - Cherry Rose (wheel slot 47) 246–250 L128 - Cool LED Bright Pink (wheel slot 48) 251–255 NoFeature

CMY (continued)

Ch	Function	Default	DMX values
6	C CT	0	0–9 Disaled 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
7	Tint	0	0–16 Disabled 17–116 +Magenta 117–139 Neutral 140–255 +Green
8	Color Macro	0	0–40 Disabled 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Custom 1 151–160 Custom 2 161–255 NoFeature 1
9	Color Macro1Rate	0	
10	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 open 110–110 Shutter1StrobeEffect 3 · Min Lightning 111–178 Shutter1StrobeEffect 3 · Lightning <> 179–179 Shutter1StrobeEffect 3 · Max lightning 180–189 Open 190–255 Random strobe
11	Control1	0	0–10 No Function 11–15 Tungsten emu enabled 16–20 Tungsten emu disabled 21–100 NoFeature 1 101–110 Dimmer Off 111–120 Dim4 121–150 NoFeature 2 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 NoFeature 3

Tour

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	Color Add GY	0	
7	Color Add GC	0	
8	Color Wheel	0	0–10 Disabled (wheel slot 49) 11–15 L176 - Loving Amber (wheel slot 1) 16–20 R40 - Light Salmon (wheel slot 2) 21–25 L024 - Scarlet (wheel slot 3) 26–30 L164 - Flame Red (wheel slot 4) 31–35 L747 - Easy White (wheel slot 5) 36–40 R303 - Warm Peach (wheel slot 6) 41–45 L008 - Dark Salmon (wheel slot 7) 46–50 L025 - Sunset Red (wheel slot 8) 51–55 L004 - Medium Bastard Amber (wheel slot 9) 56–60 L237 - CID (to tungsten) (wheel slot 10) 61–65 R321 - Soft Golder Amber (wheel slot 11) 66–70 L652 - Urban Sodium (wheel slot 12) 71–75 L212 - LCT Yellow (wheel slot 13) 76–80 L765 - LEE Yellow (wheel slot 14) 81–85 L513 - Ice And A Slice (wheel slot 15) 86–90 L100 - Spring Yellow (wheel slot 16) 91–95 L244 - LEE Plus Green (wheel slot 17) 96–100 R4430 - CalColor 30 Green (wheel slot 18) 101–105 L122 - Fern Green (wheel slot 19) 106–110 L090 - Dark Yellow Green (wheel slot 20) 111–115 L243 - LEE Fluorecent 3600K (wheel slot 21) 116–120 R92 - Turquoise (wheel slot 22) 121–125 R94 - Kelly Green (wheel slot 23) 126–130 L327 - Forest Green (wheel slot 24) 131–135 L191 - Cosmetic Aqua Blue (wheel slot 25) 136–140 L728 - Steel Green (wheel slot 26) 141–145 L117 - Steel Blue (wheel slot 27) 146–150 L354 - Special Steel Blue (wheel slot 28) 151–155 L053 - Paler Lavender (wheel slot 29) 156–160 L501 - New Colour Blue (wheel slot 30) 161–165 L174 - Dark Steel Blue (wheel slot 31) 166–170 L165 - Daylight Blue (wheel slot 32) 171–175 L136 - Pale Lavender (wheel slot 33) 176–180 L194 - Surprice Pink (wheel slot 34) 181–185 L142 - Pale Violet (wheel slot 35) 186–190 L700 - Perfect Lavender (wheel slot 36) 191–195 L035 - Light Pink (wheel slot 37) 196–200 L794 - Pretty'n Pink (wheel slot 38) 201–205 L328 - Follies Pink (wheel slot 39) 206–210 L795 - Magical Magenta (wheel slot 40) 211–215 L154 - Pale Rose (wheel slot 41) 216–220 L127 - Smokey Pink (wheel slot 42) 221–225 L192 - Flesh Pink (wheel slot 43) 226–230 L332 - Special Rose Pink (wheel slot 44) 231–235 L790 - Moroccan Pink (wheel slot 45) 236–240 L157 - Pink (wheel slot 46) 241–245 R332 - Cherry Rose (wheel slot 47) 246–250 L128 - Cool LED Bright Pink (wheel slot 48) 251–255 NoFeature

Tour (continued)

Ch	Function	Default	DMX values
9	C CT	0	0–9 Disaled 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
10	Tint	0	0–16 Disabled 17–116 +Magenta 117–139 Neutral 140–255 +Green
11	Color Macro	0	0–40 Disabled 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Custom 1 151–160 Custom 2 161–255 NoFeature 1
12	Color Macro1Rate	0	
13	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 open 110–110 Shutter1StrobeEffect 3 · Min Lightning 111–178 Shutter1StrobeEffect 3 · Lightning <> 179–179 Shutter1StrobeEffect 3 · Max lightning 180–189 Open 190–255 Random strobe
14	Control1	0	0–10 No Function 11–15 Tungsten emu enabled 16–20 Tungsten emu disabled 21–100 NoFeature 1 101–110 Dimmer Off 111–120 Dim4 121–150 NoFeature 2 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 NoFeature 3

TR16 (20Ch)

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY
13	Color Add GC	0	
14	Color Add GC Fine	0	Fine byte of Color Add GC

TR16 (20Ch) (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–10 Disabled (wheel slot 49) 11–15 L176 - Loving Amber (wheel slot 1) 16–20 R40 - Light Salmon (wheel slot 2) 21–25 L024 - Scarlet (wheel slot 3) 26–30 L164 - Flame Red (wheel slot 4) 31–35 L747 - Easy White (wheel slot 5) 36–40 R303 - Warm Peach (wheel slot 6) 41–45 L008 - Dark Salmon (wheel slot 7) 46–50 L025 - Sunset Red (wheel slot 8) 51–55 L004 - Medium Bastard Amber (wheel slot 9) 56–60 L237 - CID (to tungsten) (wheel slot 10) 61–65 R321 - Soft Golder Amber (wheel slot 11) 66–70 L652 - Urban Sodium (wheel slot 12) 71–75 L212 - LCT Yellow (wheel slot 13) 76–80 L765 - LEE Yellow (wheel slot 14) 81–85 L513 - Ice And A Slice (wheel slot 15) 86–90 L100 - Spring Yellow (wheel slot 16) 91–95 L244 - LEE Plus Green (wheel slot 17) 96–100 R4430 - CalColor 30 Green (wheel slot 18) 101–105 L122 - Fern Green (wheel slot 19) 106–110 L090 - Dark Yellow Green (wheel slot 20) 111–115 L243 - LEE Fluorecent 3600K (wheel slot 21) 116–120 R92 - Turquoise (wheel slot 22) 121–125 R94 - Kelly Green (wheel slot 23) 126–130 L327 - Forest Green (wheel slot 24) 131–135 L191 - Cosmetic Aqua Blue (wheel slot 25) 136–140 L728 - Steel Green (wheel slot 26) 141–145 L117 - Steel Blue (wheel slot 27) 146–150 L354 - Special Steel Blue (wheel slot 28) 151–155 L053 - Paler Lavender (wheel slot 29) 156–160 L501 - New Colour Blue (wheel slot 30) 161–165 L174 - Dark Steel Blue (wheel slot 31) 166–170 L165 - Daylight Blue (wheel slot 32) 171–175 L136 - Pale Lavender (wheel slot 33) 176–180 L194 - Surprice Pink (wheel slot 34) 181–185 L142 - Pale Violet (wheel slot 35) 186–190 L700 - Perfect Lavender (wheel slot 36) 191–195 L035 - Light Pink (wheel slot 37) 196–200 L794 - Pretty'n Pink (wheel slot 38) 201–205 L328 - Follies Pink (wheel slot 39) 206–210 L795 - Magical Magenta (wheel slot 40) 211–215 L154 - Pale Rose (wheel slot 41) 216–220 L127 - Smokey Pink (wheel slot 42) 221–225 L192 - Flesh Pink (wheel slot 43) 226–230 L332 - Special Rose Pink (wheel slot 44) 231–235 L790 - Moroccan Pink (wheel slot 45) 236–240 L157 - Pink (wheel slot 46) 241–245 R332 - Cherry Rose (wheel slot 47) 246–250 L128 - Cool LED Bright Pink (wheel slot 48) 251–255 NoFeature

TR16 (20Ch) (continued)

Ch	Function	Default	DMX values
16	C CT	0	0–9 Disaled 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
17	Tint	0	0–16 Disabled 17–116 +Magenta 117–139 Neutral 140–255 +Green
18	Color Macro	0	0–40 Disabled 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Custom 1 151–160 Custom 2 161–255 NoFeature 1
19	Color Macro1Rate	0	
20	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 open 110–110 Shutter1StrobeEffect 3 · Min Lightning 111–178 Shutter1StrobeEffect 3 · Lightning <> 179–179 Shutter1StrobeEffect 3 · Max lightning 180–189 Open 190–255 Random strobe
21	Control1	0	0–10 No Function 11–15 Tungsten emu enabled 16–20 Tungsten emu disabled 21–100 NoFeature 1 101–110 Dimmer Off 111–120 Dim4 121–150 NoFeature 2 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 NoFeature 3