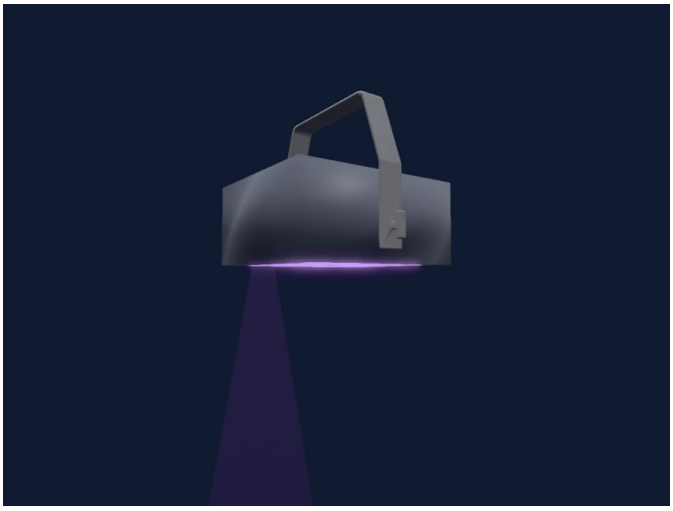
BeamZ Pro

# StarColor 205 Flood



| | |
|---|---|
| Manufacturer | **BeamZ Pro** |
| Type | **Moving head** |
| DMX modes | **5** |
| DMX footprint | **4, 8, 10 channels** |
| Beam angle | **20°** |
| Pan range | **360°** |
| Tilt range | **260°** |
| Size (W × H × D) | **350 × 250 × 40 mm** |
| GDTF fixture type | **3D3E179F-5393-4C5D-8B6D-C9…** |

## Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

## DMX modes

| | |
|---|---|
| 4 Ch | 4 ch |
| 4 Ch + Virtual Dimmer | 4 ch |
| 8 Ch | 8 ch |
| 10 Ch | 10 ch |
| 10 Ch + Virtual P/T | 10 ch |

## 4 Ch

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 2 | Green | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 3 | Blue | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 4 | Color Add RY | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |

## 4 Ch + Virtual Dimmer

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 2 | Green | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 3 | Blue | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 4 | Color Add RY | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |

## 8 Ch

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–63 000<br>64–127 025<br>128–191 050<br>192–254 075<br>255–255 1000 |

### 8 Ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 2 | Red | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 3 | Green | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 4 | Blue | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 5 | Color Add RY | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 6 | Shutter / Strobe | 0 | 0–12 Shutter OPEN<br>13–13 Shutter1Strobe 2 · Min 1 Hz<br>14–132 Shutter1Strobe 2 · Min>Medium 1.1–12.3 Hz<br>133–133 Shutter1Strobe 2 · Medium 12.4 Hz<br>134–254 Shutter1Strobe 2 · Medium>Max 12.5–23.9 Hz<br>255–255 Shutter1Strobe 2 · Max 24 Hz |
| 7 | Color Macro1 | 0 | 0–50 Idle (wheel slot 1)<br>51–100 ColorMacro1 Static<br>101–109 ColorMacro1 Mode 1<br>110–119 ColorMacro1 Mode 2<br>120–129 ColorMacro1 Mode 3<br>130–139 ColorMacro1 Mode 4<br>140–149 ColorMacro1 Mode 5<br>150–159 ColorMacro1 Mode 6<br>160–169 ColorMacro1 Mode 7<br>170–179 ColorMacro1 Mode 8<br>180–189 ColorMacro1 Mode 9<br>190–199 ColorMacro1 Mode 10<br>200–255 Idle |
| 8 | Color Macro1Rate | 0 | 0–0 Red (wheel slot 2)<br>1–31 Min>Medium<br>32–63 Green (wheel slot 3)<br>64–95 Blue (wheel slot 4)<br>96–127 Amber (wheel slot 5)<br>128–128 Red+Green (wheel slot 6)<br>129–159 Medium>Max<br>160–191 Red+Blue (wheel slot 7)<br>192–223 Green+Blue (wheel slot 8)<br>224–254 Full On (wheel slot 9)<br>255–255 Max |

## 10 Ch

10 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–63 000<br>64–127 025<br>128–191 050<br>192–254 075<br>255–255 1000 |

## 10 Ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 2 | Red | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 3 | Green | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 4 | Blue | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 5 | Color Add RY | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| 6 | Color Wheel | 0 | 0–10 No Color (wheel slot 1)<br>11–30 Wheel Slot 1 (wheel slot 2)<br>31–50 Wheel Slot 2 (wheel slot 3)<br>51–70 Wheel Slot 3 (wheel slot 4)<br>71–90 Wheel Slot 4 (wheel slot 5)<br>91–110 Wheel Slot 5 (wheel slot 6)<br>111–130 Wheel Slot 6 (wheel slot 7)<br>131–150 Wheel Slot 7 (wheel slot 8)<br>151–170 Wheel Slot 8 (wheel slot 9)<br>171–200 Wheel Slot 9 (wheel slot 10)<br>201–205 Colot Temperature 1 (wheel slot 11)<br>206–210 Colot Temperature 2 (wheel slot 12)<br>211–215 Colot Temperature 3 (wheel slot 13)<br>216–220 Colot Temperature 4 (wheel slot 14)<br>221–225 Colot Temperature 5 (wheel slot 15)<br>226–230 Colot Temperature 6 (wheel slot 16)<br>231–235 Colot Temperature 7 (wheel slot 17)<br>236–240 Colot Temperature 8 (wheel slot 18)<br>241–245 Colot Temperature 9 (wheel slot 19)<br>246–250 Colot Temperature 10 (wheel slot 20)<br>251–255 Colot Temperature 11 (wheel slot 21) |
| 7 | Shutter / Strobe | 0 | 0–12 Shutter OPEN<br>13–13 Shutter1Strobe 2 · Min 1 Hz<br>14–132 Shutter1Strobe 2 · Min>Medium 1.1–12.3 Hz<br>133–133 Shutter1Strobe 2 · Medium 12.4 Hz<br>134–254 Shutter1Strobe 2 · Medium>Max 12.5–23.9 Hz<br>255–255 Shutter1Strobe 2 · Max 24 Hz |
| 8 | Color Macro1 | 0 | 0–20 Idle (wheel slot 1)<br>21–30 ColorMacro 1 (wheel slot 10)<br>31–40 ColorMacro 2 (wheel slot 11)<br>41–50 ColorMacro 3 (wheel slot 12)<br>51–60 ColorMacro 4 (wheel slot 13)<br>61–70 ColorMacro 5 (wheel slot 14)<br>71–80 ColorMacro 6 (wheel slot 15)<br>81–90 ColorMacro 7 (wheel slot 16)<br>91–100 ColorMacro 8 (wheel slot 17)<br>101–110 ColorMacro 9 (wheel slot 18)<br>111–120 ColorMacro 10 (wheel slot 19)<br>121–255 Idle |

### 10 Ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **9** | Color Macro1Rate | 128 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| **10** | Dimmer Curve | 56 | 0–5 Idle<br>6–55 No Function<br>56–105 Dimmer Curve 1<br>106–155 Dimmer Curve 2<br>156–205 Dimmer Curve 3<br>206–255 Dimmer Curve 4 |

## 10 Ch + Virtual P/T

10 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | 0–63 000<br>64–127 025<br>128–191 050<br>192–254 075<br>255–255 1000 |
| **2** | Red | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| **3** | Green | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| **4** | Blue | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| **5** | Color Add RY | 255 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |

## 10 Ch + Virtual P/T (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | Color Wheel | 0 | 0–10 No Color (wheel slot 1)<br>11–30 Wheel Slot 1 (wheel slot 2)<br>31–50 Wheel Slot 2 (wheel slot 3)<br>51–70 Wheel Slot 3 (wheel slot 4)<br>71–90 Wheel Slot 4 (wheel slot 5)<br>91–110 Wheel Slot 5 (wheel slot 6)<br>111–130 Wheel Slot 6 (wheel slot 7)<br>131–150 Wheel Slot 7 (wheel slot 8)<br>151–170 Wheel Slot 8 (wheel slot 9)<br>171–200 Wheel Slot 9 (wheel slot 10)<br>201–205 Colot Temperature 1 (wheel slot 11)<br>206–210 Colot Temperature 2 (wheel slot 12)<br>211–215 Colot Temperature 3 (wheel slot 13)<br>216–220 Colot Temperature 4 (wheel slot 14)<br>221–225 Colot Temperature 5 (wheel slot 15)<br>226–230 Colot Temperature 6 (wheel slot 16)<br>231–235 Colot Temperature 7 (wheel slot 17)<br>236–240 Colot Temperature 8 (wheel slot 18)<br>241–245 Colot Temperature 9 (wheel slot 19)<br>246–250 Colot Temperature 10 (wheel slot 20)<br>251–255 Colot Temperature 11 (wheel slot 21) |
| **7** | Shutter / Strobe | 0 | 0–12 Shutter OPEN<br>13–13 Shutter1Strobe 2 · Min 1 Hz<br>14–132 Shutter1Strobe 2 · Min>Medium 1.1–12.3 Hz<br>133–133 Shutter1Strobe 2 · Medium 12.4 Hz<br>134–254 Shutter1Strobe 2 · Medium>Max 12.5–23.9 Hz<br>255–255 Shutter1Strobe 2 · Max 24 Hz |
| **8** | Color Macro1 | 0 | 0–20 Idle (wheel slot 1)<br>21–30 ColorMacro 1 (wheel slot 10)<br>31–40 ColorMacro 2 (wheel slot 11)<br>41–50 ColorMacro 3 (wheel slot 12)<br>51–60 ColorMacro 4 (wheel slot 13)<br>61–70 ColorMacro 5 (wheel slot 14)<br>71–80 ColorMacro 6 (wheel slot 15)<br>81–90 ColorMacro 7 (wheel slot 16)<br>91–100 ColorMacro 8 (wheel slot 17)<br>101–110 ColorMacro 9 (wheel slot 18)<br>111–120 ColorMacro 10 (wheel slot 19)<br>121–255 Idle |
| **9** | Color Macro1Rate | 128 | 0–0 Min<br>1–127 Min>Medium<br>128–128 Medium<br>129–254 Medium>Max<br>255–255 Max |
| **10** | Dimmer Curve | 56 | 0–5 Idle<br>6–55 No Function<br>56–105 Dimmer Curve 1<br>106–155 Dimmer Curve 2<br>156–205 Dimmer Curve 3<br>206–255 Dimmer Curve 4 |