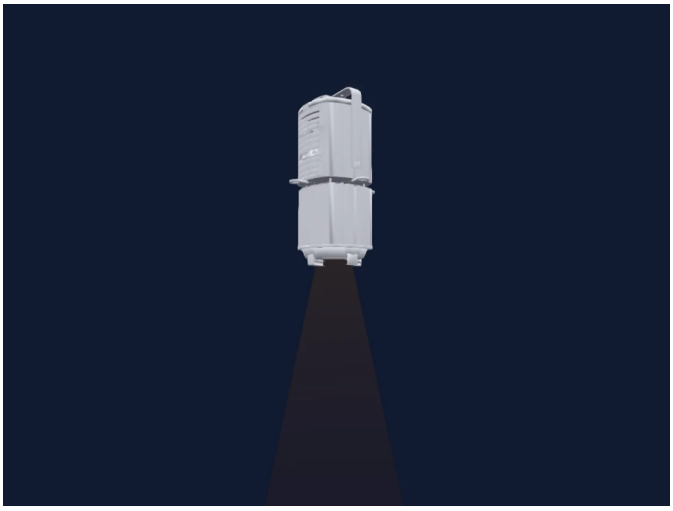
Spotlight

PR HY LED 100 TUNABLE ZW (Mark-II)



Manufacturer	**Spotlight**
Type	**Profile spot**
DMX modes	**5**
DMX footprint	**2, 5, 7, 9, 10 channels**
Beam angle	**25°**
Size (W × H × D)	**239 × 218 × 46 mm**
GDTF fixture type	**12C9877C-AB34-4DD3-BFB3-57…**

Controls

Extra LED colours · Colour temperature · Dimmer

Safety-relevant functions

Service functions

DMX modes

EASY	2 ch
SPLIT	5 ch
THEATRE FULL	7 ch
STUDIO	9 ch
SPLIT 16bit	10 ch

EASY

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	84	0–0 2700K 1–41 2700-3000K 42–42 3000K 43–83 3000-3200K 84–84 3200K 85–125 3200-3500K 126–126 3500K 127–168 3500-4000K 169–169 4000K 170–211 4000-5600K 212–230 5600K 231–254 5600-6500K 255–255 6500K

SPLIT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color Add WW	255	
3	Color Add CW	255	
4	Strobe Frequency	0	0–200 Strobe 201–230 Store 1 231–255 Store 2

SPLIT (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–5 Inactive 6–11 Off 12–17 50ms 18–23 100ms 24–29 240ms 30–35 400ms 36–41 600ms 42–47 800ms 48–53 1000ms 54–59 1200ms 60–65 1600ms 66–71 2000ms 72–77 Linear 78–81 Quadratic 82–83 S Curve 84–85 Halo 86–87 Gamma 2:6 88–89 Gamma 2:8 90–95 600Hz 96–101 900Hz 102–107 1200Hz 108–113 2100Hz 114–119 4200Hz 120–125 6000Hz 126–131 10200Hz 132–137 15600Hz 138–143 19800Hz 144–149 ON 150–155 OFF 156–161 Auto 162–167 Standard 168–173 Silent 174–179 Standard 180–185 Rotated 186–191 Off 192–197 On 198–203 LED Calibration 204–209 Default Settings 210–255 FREE

THEATRE FULL

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	84	0–0 2700K 1–41 2700-3000K 42–42 3000K 43–83 3000-3200K 84–84 3200K 85–125 3200-3500K 126–126 3500K 127–168 3500-4000K 169–169 4000K 170–211 4000-5600K 212–230 5600K 231–254 5600-6500K 255–255 6500K

THEATRE FULL (continued)

Ch	Function	Default	DMX values
4	Intensity MSpeed	50	0–45 None 46–55 0ms 56–65 50ms 66–75 100ms 76–85 150ms 86–95 200ms 96–105 240ms 106–115 300ms 116–125 350ms 126–135 400ms 136–145 450ms 146–155 500ms 156–165 550ms 166–175 600ms 176–185 800ms 186–195 900ms 196–205 1000ms 206–215 1200ms 216–225 1400ms 226–235 1600ms 236–245 1800ms 246–255 2000ms
5	Fans	0	
6	Strobe Frequency	0	0–200 Strobe 201–230 Store 1 231–255 Store 2

THEATRE FULL (continued)

Ch	Function	Default	DMX values
7	Control1	0	0–5 Inactive 6–11 Off 12–17 50ms 18–23 100ms 24–29 240ms 30–35 400ms 36–41 600ms 42–47 800ms 48–53 1000ms 54–59 1200ms 60–65 1600ms 66–71 2000ms 72–77 Linear 78–81 Quadratic 82–83 S Curve 84–85 Halo 86–87 Gamma 2:6 88–89 Gamma 2:8 90–95 600Hz 96–101 900Hz 102–107 1200Hz 108–113 2100Hz 114–119 4200Hz 120–125 6000Hz 126–131 10200Hz 132–137 15600Hz 138–143 19800Hz 144–149 ON 150–155 OFF 156–161 Auto 162–167 Standard 168–173 Silent 174–179 Standard 180–185 Rotated 186–191 Off 192–197 On 198–203 LED Calibration 204–209 Default Settings 210–255 FREE

STUDIO

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	100	0–35 2700K 36–70 3000K 71–105 3200K 106–140 3500K 141–175 4000K 176–210 5600K 211–255 6500K
4	Color Add WW	128	0–5 OFF 6–111 WW - 112–144 CTC Step 145–239 WW + 240–255 OFF

STUDIO (continued)

Ch	Function	Default	DMX values
5	Color Add CW	128	0–5 OFF 6–111 CW - 112–144 CTC Step 145–239 CW + 240–255 OFF
6	Intensity MSpeed	50	0–45 None 46–55 0ms 56–65 50ms 66–75 100ms 76–85 150ms 86–95 200ms 96–105 240ms 106–115 300ms 116–125 350ms 126–135 400ms 136–145 450ms 146–155 500ms 156–165 550ms 166–175 600ms 176–185 800ms 186–195 900ms 196–205 1000ms 206–215 1200ms 216–225 1400ms 226–235 1600ms 236–245 1800ms 246–255 2000ms
7	Fans	0	
8	Strobe Frequency	0	0–200 Strobe 201–230 Store 1 231–255 Store 2

STUDIO (continued)

Ch	Function	Default	DMX values
9	Control1	0	0–5 Inactive 6–11 Off 12–17 50ms 18–23 100ms 24–29 240ms 30–35 400ms 36–41 600ms 42–47 800ms 48–53 1000ms 54–59 1200ms 60–65 1600ms 66–71 2000ms 72–77 Linear 78–81 Quadratic 82–83 S Curve 84–85 Halo 86–87 Gamma 2:6 88–89 Gamma 2:8 90–95 600Hz 96–101 900Hz 102–107 1200Hz 108–113 2100Hz 114–119 4200Hz 120–125 6000Hz 126–131 10200Hz 132–137 15600Hz 138–143 19800Hz 144–149 ON 150–155 OFF 156–161 Auto 162–167 Standard 168–173 Silent 174–179 Standard 180–185 Rotated 186–191 Off 192–197 On 198–203 LED Calibration 204–209 Default Settings 210–255 FREE

SPLIT 16bit

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Color Add WW	255	
4	Color Add WW Fine	255	Fine byte of Color Add WW
5	Color Add CW	255	
6	Color Add CW Fine	255	Fine byte of Color Add CW

SPLIT 16bit (continued)

Ch	Function	Default	DMX values
7	Intensity MSpeed	50	0–45 None 46–55 0ms 56–65 50ms 66–75 100ms 76–85 150ms 86–95 200ms 96–105 240ms 106–115 300ms 116–125 350ms 126–135 400ms 136–145 450ms 146–155 500ms 156–165 550ms 166–175 600ms 176–185 800ms 186–195 900ms 196–205 1000ms 206–215 1200ms 216–225 1400ms 226–235 1600ms 236–245 1800ms 246–255 2000ms
8	Fans	0	
9	Strobe Frequency	0	0–200 Strobe 201–230 Store 1 231–255 Store 2

SPLIT 16bit (continued)

Ch	Function	Default	DMX values
10	Control1	0	0–5 Inactive 6–11 Off 12–17 50ms 18–23 100ms 24–29 240ms 30–35 400ms 36–41 600ms 42–47 800ms 48–53 1000ms 54–59 1200ms 60–65 1600ms 66–71 2000ms 72–77 Linear 78–81 Quadratic 82–83 S Curve 84–85 Halo 86–87 Gamma 2:6 88–89 Gamma 2:8 90–95 600Hz 96–101 900Hz 102–107 1200Hz 108–113 2100Hz 114–119 4200Hz 120–125 6000Hz 126–131 10200Hz 132–137 15600Hz 138–143 19800Hz 144–149 ON 150–155 OFF 156–161 Auto 162–167 Standard 168–173 Silent 174–179 Standard 180–185 Rotated 186–191 Off 192–197 On 198–203 LED Calibration 204–209 Default Settings 210–255 FREE