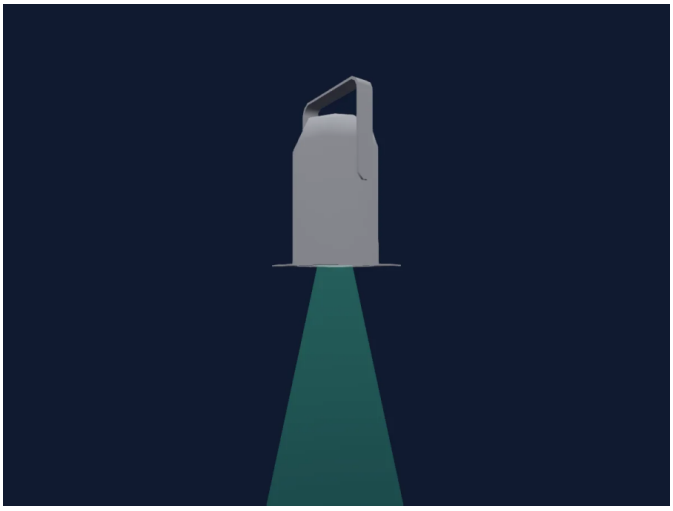
Robert Juliat

Sully



Manufacturer	**Robert Juliat**
Type	**PAR**
DMX modes	**6**
DMX footprint	**1, 6, 20, 22, 24 channels**
Beam angle	**25°**
Size (W × H × D)	**250 × 250 × 45 mm**
GDTF fixture type	**17AD66FB-60FD-4C61-A387-AC…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pixel control

Safety-relevant functions

Fixture reset

DMX modes

Mode 1 - Dimmer 8bit	1 ch
Mode 2 - Profile 16bit	6 ch
Mode 3 - Full - XY	20 ch
Mode 4 - Full - HS	20 ch
Mode 5 - Full - RGB	22 ch
Mode 6 - Full - RAR	24 ch

Mode 1 - Dimmer 8bit

1 channel

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

Mode 2 - Profile 16bit

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–0 Strobe Off 1–253 min duration 254–255 max duration
4	Strobe Frequency	0	0–254 min Strobe 255–255 max Strobe
5	Dimmer Mode	0	0–0 Idle 1–14 500W 15–42 1000W 43–70 2000W 71–98 3000W 99–126 4000W 127–127 5000W 128–142 0s 143–158 1s 159–174 2s 175–189 3s 190–190 4s 191–206 0s SNAP 207–222 1s SNAP 223–238 2s SNAP 239–253 3s SNAP 254–255 4s SNAP
6	Control1	0	0–0 Idle 1–10 RDM disabled 11–20 RDM enabled 21–30 Fixture Reset 31–40 Dimmer Curve - Linear 41–50 Dimmer Curve - Square 51–60 Dimmer Curve - Thungsten 61–70 Color Space - Native 71–80 Color Space - sRGB / Rec 709 81–90 Color Space - Rec 2020 91–100 Color Space - ProPhoto RGB 101–110 Cooling Mode - Silent 111–120 Cooling Mode - Normal 121–255 Cooling Mode - Full

Mode 3 - Full - XY

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–0 Strobe Off 1–253 min duration 254–255 max duration

Mode 3 - Full - XY (continued)

Ch	Function	Default	DMX values
4	Strobe Frequency	0	0–254 min Strobe 255–255 max Strobe
5	Dimmer Mode	0	0–0 Idle 1–14 500W 15–42 1000W 43–70 2000W 71–98 3000W 99–126 4000W 127–127 5000W 128–142 0s 143–158 1s 159–174 2s 175–189 3s 190–190 4s 191–206 0s SNAP 207–222 1s SNAP 223–238 2s SNAP 239–253 3s SNAP 254–255 4s SNAP
6	Control1	0	0–0 Idle 1–10 RDM disabled 11–20 RDM enabled 21–30 Fixture Reset 31–40 Dimmer Curve - Linear 41–50 Dimmer Curve - Square 51–60 Dimmer Curve - Thungsten 61–70 Color Space - Native 71–80 Color Space - sRGB / Rec 709 81–90 Color Space - Rec 2020 91–100 Color Space - ProPhoto RGB 101–110 Cooling Mode - Silent 111–120 Cooling Mode - Normal 121–255 Cooling Mode - Full
7	Color Mix Mode	206	0–10 ungsten 3200 K High Quality - DimShift 11–20 ungsten 3000 K High Quality - DimShift 21–30 ungsten 3200 K High Quality 31–40 ungsten 3000 K High Quality 41–100 aylight D65 High Quality 101–110 eneric CCT - High Quality 111–120 eneric CCT - High Brightness 121–130 eneric CCT - High Quality - DimShift 131–200 eneric CCT - High Brightness - DimShift 201–210 olour Mix - High Quality 211–255 olour Mix - High Brightness
8	Gel Col Type	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	C TC	0	
15	C TC Fine	0	Fine byte of C TC
16	Tint	127	0–126 Magenta correction 127–127 Black Body locus 128–255 Green correction
17	C IEX	94	
18	C IEX Fine	47	Fine byte of C IEX

Mode 3 - Full - XY (continued)

Ch	Function	Default	DMX values
19	C IEY	99	
20	C IEY Fine	24	Fine byte of C IEY

Mode 4 - Full - HS

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–0 Strobe Off 1–253 min duration 254–255 max duration
4	Strobe Frequency	0	0–254 min Strobe 255–255 max Strobe
5	Dimmer Mode	0	0–0 Idle 1–14 500W 15–42 1000W 43–70 2000W 71–98 3000W 99–126 4000W 127–127 5000W 128–142 0s 143–158 1s 159–174 2s 175–189 3s 190–190 4s 191–206 0s SNAP 207–222 1s SNAP 223–238 2s SNAP 239–253 3s SNAP 254–255 4s SNAP
6	Control1	0	0–0 Idle 1–10 RDM disabled 11–20 RDM enabled 21–30 Fixture Reset 31–40 Dimmer Curve - Linear 41–50 Dimmer Curve - Square 51–60 Dimmer Curve - Thungsten 61–70 Color Space - Native 71–80 Color Space - sRGB / Rec 709 81–90 Color Space - Rec 2020 91–100 Color Space - ProPhoto RGB 101–110 Cooling Mode - Silent 111–120 Cooling Mode - Normal 121–255 Cooling Mode - Full
7	Color Mix Mode	206	0–10 ungsten 3200 K High Quality - DimShift 11–20 ungsten 3000 K High Quality - DimShift 21–30 ungsten 3200 K High Quality 31–40 ungsten 3000 K High Quality 41–100 aylight D65 High Quality 101–110 eneric CCT - High Quality 111–120 eneric CCT - High Brightness 121–130 eneric CCT - High Quality - DimShift 131–200 eneric CCT - High Brightness - DimShift 201–210 olour Mix - High Quality 211–255 olour Mix - High Brightness
8	Gel Col Type	0	
9	Reserved 9	0	

Mode 4 - Full - HS (continued)

Ch	Function	Default	DMX values
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	C TC	0	
15	C TC Fine	0	Fine byte of C TC
16	Tint	127	0–126 Magenta correction 127–127 Black Body locus 128–255 Green correction
17	H SBHue	0	
18	H SBHue Fine	0	Fine byte of H SBHue
19	H SBSaturation	0	
20	H SBSaturation Fine	0	Fine byte of H SBSaturation

Mode 5 - Full - RGB

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–0 Strobe Off 1–253 min duration 254–255 max duration
4	Strobe Frequency	0	0–254 min Strobe 255–255 max Strobe
5	Dimmer Mode	0	0–0 Idle 1–14 500W 15–42 1000W 43–70 2000W 71–98 3000W 99–126 4000W 127–127 5000W 128–142 0s 143–158 1s 159–174 2s 175–189 3s 190–190 4s 191–206 0s SNAP 207–222 1s SNAP 223–238 2s SNAP 239–253 3s SNAP 254–255 4s SNAP

Mode 5 - Full - RGB (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–0 Idle 1–10 RDM disabled 11–20 RDM enabled 21–30 Fixture Reset 31–40 Dimmer Curve - Linear 41–50 Dimmer Curve - Square 51–60 Dimmer Curve - Thungsten 61–70 Color Space - Native 71–80 Color Space - sRGB / Rec 709 81–90 Color Space - Rec 2020 91–100 Color Space - ProPhoto RGB 101–110 Cooling Mode - Silent 111–120 Cooling Mode - Normal 121–255 Cooling Mode - Full
7	Color Mix Mode	206	0–10 ungsten 3200 K High Quality - DimShift 11–20 ungsten 3000 K High Quality - DimShift 21–30 ungsten 3200 K High Quality 31–40 ungsten 3000 K High Quality 41–100 aylight D65 High Quality 101–110 eneric CCT - High Quality 111–120 eneric CCT - High Brightness 121–130 eneric CCT - High Quality - DimShift 131–200 eneric CCT - High Brightness - DimShift 201–210 olour Mix - High Quality 211–255 olour Mix - High Brightness
8	Gel Col Type	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	C TC	0	
15	C TC Fine	0	Fine byte of C TC
16	Tint	127	0–126 Magenta correction 127–127 Black Body locus 128–255 Green correction
17	Red	255	
18	Red Fine	255	Fine byte of Red
19	Green	255	
20	Green Fine	255	Fine byte of Green
21	Blue	255	
22	Blue Fine	255	Fine byte of Blue

Mode 6 - Full - RAR

24 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–0 Strobe Off 1–253 min duration 254–255 max duration
4	Strobe Frequency	0	0–254 min Strobe 255–255 max Strobe

Mode 6 - Full - RAR (continued)

Ch	Function	Default	DMX values
5	Dimmer Mode	0	0–0 Idle 1–14 500W 15–42 1000W 43–70 2000W 71–98 3000W 99–126 4000W 127–127 5000W 128–142 0s 143–158 1s 159–174 2s 175–189 3s 190–190 4s 191–206 0s SNAP 207–222 1s SNAP 223–238 2s SNAP 239–253 3s SNAP 254–255 4s SNAP
6	Control1	0	0–0 Idle 1–10 RDM disabled 11–20 RDM enabled 21–30 Fixture Reset 31–40 Dimmer Curve - Linear 41–50 Dimmer Curve - Square 51–60 Dimmer Curve - Thungsten 61–70 Color Space - Native 71–80 Color Space - sRGB / Rec 709 81–90 Color Space - Rec 2020 91–100 Color Space - ProPhoto RGB 101–110 Cooling Mode - Silent 111–120 Cooling Mode - Normal 121–255 Cooling Mode - Full
7	Color Mix Mode	206	0–10 ungsten 3200 K High Quality - DimShift 11–20 ungsten 3000 K High Quality - DimShift 21–30 ungsten 3200 K High Quality 31–40 ungsten 3000 K High Quality 41–100 aylight D65 High Quality 101–110 eneric CCT - High Quality 111–120 eneric CCT - High Brightness 121–130 eneric CCT - High Quality - DimShift 131–200 eneric CCT - High Brightness - DimShift 201–210 olour Mix - High Quality 211–255 olour Mix - High Brightness
8	Gel Col Type	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	C TC	0	
15	C TC Fine	0	Fine byte of C TC
16	Tint	127	0–126 Magenta correction 127–127 Black Body locus 128–255 Green correction
17	Red	255	
18	Red Fine	255	Fine byte of Red
19	Green	255	
20	Green Fine	255	Fine byte of Green

Mode 6 - Full - RAR (continued)

Ch	Function	Default	DMX values
21	Blue	255	
22	Blue Fine	255	Fine byte of Blue
23	Color Add GY	255	
24	Color Add GY Fine	255	Fine byte of Color Add GY