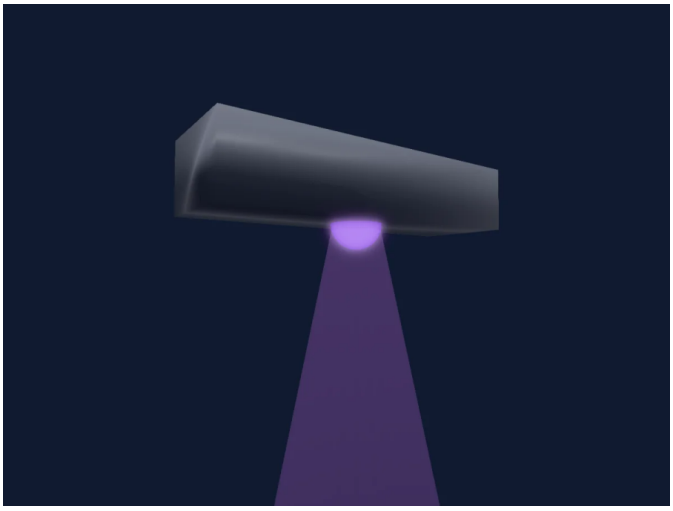
AML Lighting

Aurocyc Hex IP



Manufacturer	**AML Lighting**
Type	**PAR**
DMX modes	**6**
DMX footprint	**3, 7, 8, 10, 13, 20 channels**
Size (W × H × D)	**530 × 110 × 170 mm**
GDTF fixture type	**A35A5606-8634-4B7F-9195-CE…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Basic	3 ch
HSIC	7 ch
SSP	8 ch
CMY	10 ch
Tour	13 ch
TR16	20 ch

Basic

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color Macro1	0	
3	C TC	0	0–9 NO FUNCTION 10–10 1800K 11–25 1800 - 2200K 26–40 2200 - 2700K 41–55 2700 - 3000K 56–70 3000 - 3200K 71–85 3200 - 4000K 86–100 4000 - 4500K 101–115 4500 - 5000K 116–130 5000 - 5600K 131–145 5600 - 6000K 146–160 6000 - 6500K 161–175 6500 - 7000K 176–190 7000 - 8000K 191–205 8000 - 10000K 206–255 10000K

HSIC

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	H SBHue	0	
3	H SBHue Fine	0	Fine byte of H SBHue
4	H SBSaturation	0	
5	C TC	0	0–9 NO FUNCTION 10–10 1800K 11–25 1800 - 2200K 26–40 2200 - 2700K 41–55 2700 - 3000K 56–70 3000 - 3200K 71–85 3200 - 4000K 86–100 4000 - 4500K 101–115 4500 - 5000K 116–130 5000 - 5600K 131–145 5600 - 6000K 146–160 6000 - 6500K 161–175 6500 - 7000K 176–190 7000 - 8000K 191–205 8000 - 10000K 206–255 10000K
6	Strobe Mode Strobe	0	0–9 NO FUNCTION 10–99 SLOW TO FAST (0-25Hz) 100–109 NO FUNCTION 110–179 LIGHTNING STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE

HSIC (continued)

Ch	Function	Default	DMX values
7	Control1	0	0–10 NO FUNCTION 11–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER 4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25KHz 201–210 ALL RESET 211–255 RESERVED

SSP

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	Color Add GY	255	
7	Color Add C	255	
8	Strobe Mode Strobe	0	0–9 NO FUNCTION 10–99 SLOW TO FAST (0-25Hz) 100–109 NO FUNCTION 110–179 LIGHTNING STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE

CMY

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color RGBCyan	0	
3	Color RGBMagenta	0	
4	Color RGBYellow	0	
5	Color Macro1	0	
6	C TC	0	0–9 NO FUNCTION 10–10 1800K 11–25 1800 - 2200K 26–40 2200 - 2700K 41–55 2700 - 3000K 56–70 3000 - 3200K 71–85 3200 - 4000K 86–100 4000 - 4500K 101–115 4500 - 5000K 116–130 5000 - 5600K 131–145 5600 - 6000K 146–160 6000 - 6500K 161–175 6500 - 7000K 176–190 7000 - 8000K 191–205 8000 - 10000K 206–255 10000K

CMY (continued)

Ch	Function	Default	DMX values
7	Auto	0	0–40 NO FUNCTION 41–50 AUTO 1 51–60 AUTO 2 61–70 AUTO 3 71–80 AUTO 4 81–90 AUTO 5 91–100 AUOT 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 NO FUNCTION
8	Auto Speed	0	
9	Strobe Mode Strobe	0	0–9 NO FUNCTION 10–99 SLOW TO FAST (0-25Hz) 100–109 NO FUNCTION 110–179 LIGHTNING STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE
10	Control1	0	0–10 NO FUNCTION 11–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER 4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25KHz 201–210 ALL RESET 211–255 RESERVED

Tour

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	255	
6	Color Add GY	255	
7	Color Add C	255	
8	Color Macro1	0	

Tour (continued)

Ch	Function	Default	DMX values
9	C TC	0	0–9 NO FUNCTION 10–10 1800K 11–25 1800 - 2200K 26–40 2200 - 2700K 41–55 2700 - 3000K 56–70 3000 - 3200K 71–85 3200 - 4000K 86–100 4000 - 4500K 101–115 4500 - 5000K 116–130 5000 - 5600K 131–145 5600 - 6000K 146–160 6000 - 6500K 161–175 6500 - 7000K 176–190 7000 - 8000K 191–205 8000 - 10000K 206–255 10000K
10	Auto	0	0–40 NO FUNCTION 41–50 AUTO 1 51–60 AUTO 2 61–70 AUTO 3 71–80 AUTO 4 81–90 AUTO 5 91–100 AUOT 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 NO FUNCTION
11	Auto Speed	0	
12	Strobe Mode Strobe	0	0–9 NO FUNCTION 10–99 SLOW TO FAST (0-25Hz) 100–109 NO FUNCTION 110–179 LIGHTNING STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE
13	Control1	0	0–10 NO FUNCTION 11–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER 4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25KHz 201–210 ALL RESET 211–255 RESERVED

TR16

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Red Fine	0	Fine byte of Red
5	Green	255	

TR16 (continued)

Ch	Function	Default	DMX values
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	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Color Add C	255	
14	Color Add C Fine	255	Fine byte of Color Add C
15	Color Macro1	0	
16	C TC	0	0–9 NO FUNCTION 10–10 1800K 11–25 1800 - 2200K 26–40 2200 - 2700K 41–55 2700 - 3000K 56–70 3000 - 3200K 71–85 3200 - 4000K 86–100 4000 - 4500K 101–115 4500 - 5000K 116–130 5000 - 5600K 131–145 5600 - 6000K 146–160 6000 - 6500K 161–175 6500 - 7000K 176–190 7000 - 8000K 191–205 8000 - 10000K 206–255 10000K
17	Auto	0	0–40 NO FUNCTION 41–50 AUTO 1 51–60 AUTO 2 61–70 AUTO 3 71–80 AUTO 4 81–90 AUTO 5 91–100 AUOT 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 NO FUNCTION
18	Auto Speed	0	
19	Strobe Mode Strobe	0	0–9 NO FUNCTION 10–99 SLOW TO FAST (0-25Hz) 100–109 NO FUNCTION 110–179 LIGHTNING STROBE 180–189 NO FUNCTION 190–255 RANDOM STROBE

TR16 (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–10 NO FUNCTION 11–100 RESERVED 101–110 DIMMER OFF 111–120 DIMMER 4 121–150 RESERVED 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25KHz 201–210 ALL RESET 211–255 RESERVED