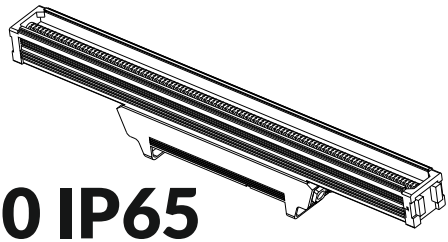
series Art by FLASH

USER MANUAL



BarFX 800 IP65

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INTRODUCTION

Thank you for choosing the **ART BarFX 800 IP65**. We hope this fixture will meet your expectations and become a valuable tool in your lighting projects.

FOR YOUR SAFETY AND TO ENSURE RELIABLE OPERATION, PLEASE READ THIS MANUAL CAREFULLY BEFORE USE.

SAFETY INFORMATION



WARNING! Always mount the lamp on checked, correctly assembled and properly screwed mounting brackets.

WARNING! When clamping the fixture to a truss or other structure at any other angle than with the yoke hanging vertically downwards, use two clamps of half-coupler type. Do not use any type of clamp that does not completely encircle the structure when fastened.



WARNING! Do not look directly at the light spot while the fixture is on.

IMPORTANT! Do not point strong light output from other fixtures at the lamp, as intense illumination can damaged the display.



WARNING! Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture. It's important to ground the yellow/green conductor to earth in order to avoid electric shock. Do not touch any wire during operation and there might be a hazard of electric shock. To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.
Do not connect the device to any dimmer pack.



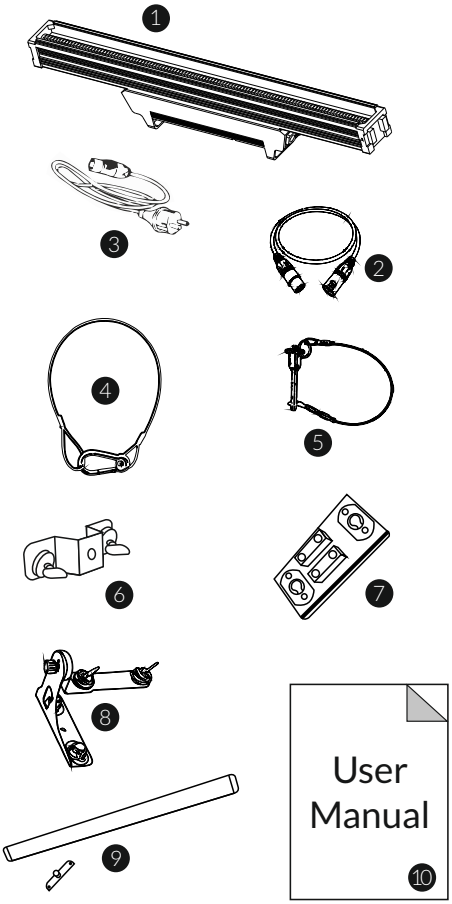
IMPORTANT! Unpack and check carefully there is no transportation damage before using the fixture. In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts. Disconnect main power before servicing and maintenance. The housing must be replaced if they are visibly damaged.



IMPORTANT! Maximum ambient temperature is: C 40° Don't operate it where the temperature is higher than this.

Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.

UNPACKING



The following items are included:

1. ART BarFX 800 IP65 fixture (1 pc)
2. DMX cable (1 pc)
3. PowerCON TRUE1 power cable (1 pc)
4. Safety cable (1 pc)
5. Connection pins (2 pcs)
6. Omega brackets (2 pcs)
7. Vertical mounting adapter (1 pc)
8. Side mounting adapter (2 pcs)
9. Frost filter (1 pc)
10. User Manual (1 pc)

INSTALATION

The fixture should be mounted using the mounting holes provided on the bracket. Always ensure that the fixture is securely fastened to prevent vibration or movement during operation. Make sure that the supporting structure is stable and capable of supporting at least 10 times the weight of the fixture.

Always use a safety cable rated to support at least 12 times the weight of the fixture. The fixture must be installed by qualified personnel and mounted in a location that is out of reach of people and where no one can walk beneath it. Mount the fixture to a truss or other suitable structure using the supplied brackets and appropriate clamps.

Fasten a safety cable between the supporting structure and the designated attachment point on the fixture. The safety cable must be capable of supporting at least 10 times the weight of the fixture.

The fixture may be installed in any orientation. However, if it is mounted horizontally with the beam directed downward, water may accumulate in the fan openings. Under normal operating conditions, any moisture will evaporate naturally. In areas with heavy rainfall, it is recommended to install a rain shield above the fixture or adjust its position and orientation to minimize water accumulation.

Two quarter-turn brackets are supplied with the fixture for mounting purposes.

It is possible to connect multiple fixtures in a continuous line using the connection pins included in the set. Position the fixtures so that their side edges align correctly. Two connection pins should be inserted into the mounting holes for each connection. It is recommended not to connect more than three fixtures in a vertical line.

Using the Omega bracket adapter, the fixture can be mounted vertically directly to the structure.

IMPORTANT: Remember to always secure the device with a steel safety cable.

IMPORTANT: If any slack is detected between the hook and the device, immediately tighten the mounting screws or skip the device during installation.

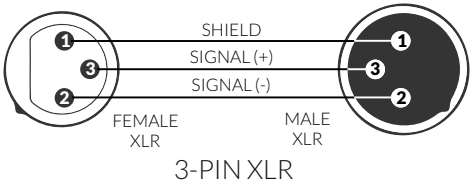
CONNECTION

The device is equipped with the following interfaces:

1. DMX IN / OUT: 3-pin XLR connectors

2. Ethernet IN / OUT: RJ-45 connectors

3. Power IN / OUT: powerCON TRUE1 connectors



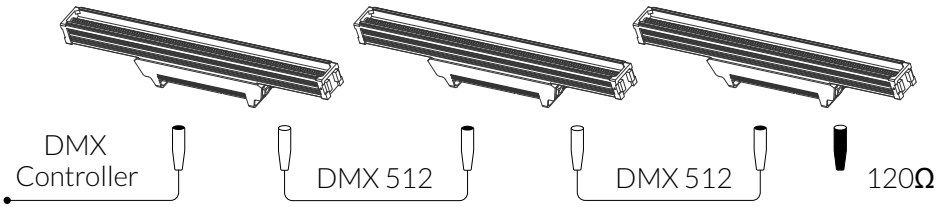
3-PIN XLR

The fixture can be connected using a 3-pin XLR cable (female to male) or an Ethernet (RJ-45) cable.

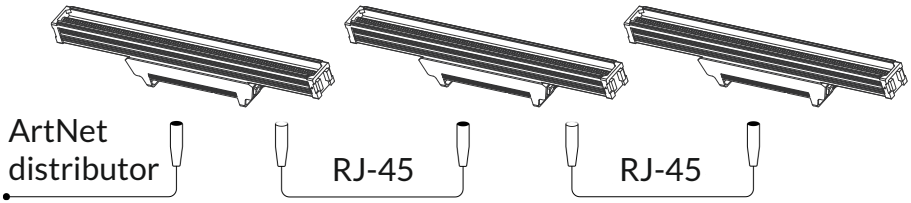
CAUTION! The last fixture in the DMX chain must be terminated with a DMX terminator.

A DMX terminator can be made by soldering a 120 Ω resistor between signal (-) and signal (+) inside a 3-pin XLR connector. Insert the terminator into the DMX output of the last fixture in the chain.

DMX Connection Diagram



Ethernet (RJ-45) Connection Diagram



The fixture is powered via a powerCON TRUE1 power connector (included). Installation and operation must be carried out by qualified personnel only.

CAUTION! If the power cable is damaged, do not attempt to repair it. Replacement or repair must be performed by the manufacturer, an authorized service center, or a qualified technician.

The supply voltage must remain within ±10% of the rated voltage. Excessive voltage may reduce the service life of the light source and electronic components, while insufficient voltage may result in improper operation of the fixture.

Voltage Specyfication

Input Voltage AC	Amperage	Frequency	Total Power
230 [V]	3,48 [A]	50 [Hz]	800 [W]
110 [V]	7,30 [A]	60 [Hz]	

Set DMX Address

- To access the MENU, enter the password (if password protection is enabled). The default password is: UP, DOWN, UP, DOWN.
- Navigate to the DMX menu and press ENTER.
- Set the required DMX address using the UP and DOWN buttons.
- Press ENTER to save the settings.
- Press MENU to exit.

Set Art-Net Configuration

- Navigate to the NET menu and press ENTER.
- Go to IP ADDRESS and set the required IP address. Art-Net networks typically operate within the 2.x.x.x or 10.x.x.x IP ranges.
- Go to SUBNET MASK and select the required subnet mask.
- Go to SET UNIVERSES to configure the control universe (master dimmer and shutter) and the LED pixel universe(s). Note that Art-Net universe numbering starts from Universe 0.
- Go to LedDmxAddr to set the DMX address of the first pixel. The master dimmer uses the main DMX address.
- Press ENTER to save the settings.
- The fixture is now ready for pixel mapping operation.

FIXTURE MODES

13 Channels – Standard
64 Channels – 16 Pixels RGBW Control
89 Channels – Standard + 16 Pixels RGBW Control + 16 Pixels White Section Control
4 Channels NET – Basic + 16 Pixels RGBW Control (Art-Net Only)
20 Channels NET – Basic + 16 Pixels RGBW Control + 16 Pixels White Section Control (Art-Net Only)

The 4-NET and 20-NET modes operate exclusively via the Art-Net protocol and require an RJ-45 network connection.
These modes require configuration of two Art-Net universes.
The first universe is used for main fixture control and White Section control. It receives the DMX address assigned to the fixture.
The second universe is used for Aura Section control. Pixel addressing always starts from 1.
Remember to configure the correct IP address and subnet mask before operation.

Mode 13 ch

Ch	Function	Value	Description	Default	Highlight / locate
1	Dimmer	0-255		0	255
2	Shutter	0-4 5-130 131-180 181-229 230-249 250-255	OPEN STROBE 1-30 Hz PULSE open PULSE close STROBE random OPEN	255	255
3	White strobe macro	0-4 5-24 25-44 45-64 65-84 85-104 105-124 125-144 145-164 165-184 185-204 205-224 225-244 245-255	No function MACRO 1 MACRO 2 MACRO 3 MACRO 4 MACRO 5 MACRO 6 MACRO 7 MACRO 8 MACRO 9 MACRO 10 MACRO 11 MACRO 12 MACRO 13	0	0
4	White strobe macro speed	0-255	Fast-slow	128	-

5	Color macro	0-4 5-21 22-29 30-39 40-49 50-69 70-89 90-109 110-129 130-149 150-169 170-189 190-209 210-229 230-249 250-255	No function COLOR HUE COLOR HUE + WHITE COLOR fade COLOR chase MACRO 1 MACRO 2 MACRO 3 MACRO 4 MACRO 5 MACRO 6 MACRO 7 MACRO 8 MACRO 9 MACRO 10 MACRO 11	0	0
6	Color macro speed	0-255	Fast-slow	128	-
7	Color foreground	0-129 130-255	COLOR HUE COLOR HUE + WHITE	0	-
8	Color background	0-129 130-255	COLOR HUE COLOR HUE + WHITE	0	-
9	White strobe macro	0-255	White strobe macro	0	0
10	Red	0-255	Red	255	255
11	Green	0-255	Green	255	255
12	Blue	0-255	Blue	255	255
13	White	0-255	White	0	0

Mode 64 ch

Ch	Function	Value	Description	Default	Highlight / locate
1	Red 1	0-255	Red pixel 1	0	255
2	Green 1	0-255	Green pixel 1	0	255
3	Blue 1	0-255	Blue pixel 1	0	255
4	White 1	0-255	White pixel 1	0	-
5	Red 2	0-255	Red pixel 2	0	255
6	Green 2	0-255	Green pixel 2	0	255
7	Blue 2	0-255	Blue pixel 2	0	255
8	White 2	0-255	White pixel 2	0	-
9	Red 3	0-255	Red pixel 3	0	255
10	Green 3	0-255	Green pixel 3	0	255
11	Blue 3	0-255	Blue pixel 3	0	255
12	White 3	0-255	White pixel 3	0	-

13	Red 4	0-255	Red pixel 4	0	255
14	Green 4	0-255	Green pixel 4	0	255
15	Blue 4	0-255	Blue pixel 4	0	255
16	White 4	0-255	White pixel 4	0	-
17	Red 5	0-255	Red pixel 5	0	255
18	Green 5	0-255	Green pixel 5	0	255
19	Blue 5	0-255	Blue pixel 5	0	255
20	White 5	0-255	White pixel 5	0	-
21	Red 6	0-255	Red pixel 6	0	255
22	Green 6	0-255	Green pixel 6	0	255
23	Blue 6	0-255	Blue pixel 6	0	255
24	White 6	0-255	White pixel 6	0	-
25	Red 7	0-255	Red pixel 7	0	255
26	Green 7	0-255	Green pixel 7	0	255
27	Blue 7	0-255	Blue pixel 7	0	255
28	White 7	0-255	White pixel 7	0	-
29	Red 8	0-255	Red pixel 8	0	255
30	Green 8	0-255	Green pixel 8	0	255
31	Blue 8	0-255	Blue pixel 8	0	255
32	White 8	0-255	White pixel 8	0	-
33	Red 9	0-255	Red pixel 9	0	255
34	Green 9	0-255	Green pixel 9	0	255
35	Blue 9	0-255	Blue pixel 9	0	255
36	White 9	0-255	White pixel 9	0	-
37	Red 10	0-255	Red pixel 10	0	255
38	Green 1	0-255	Green pixel 10	0	255
39	Blue 10	0-255	Blue pixel 10	0	255
40	White 1	0-255	White pixel 10	0	-
41	Red 11	0-255	Red pixel 11	0	255
42	Green 11	0-255	Green pixel 11	0	255
43	Blue 11	0-255	Blue pixel 11	0	255
44	White 11	0-255	White pixel 11	0	-
45	Red 12	0-255	Red pixel 12	0	255
46	Green 12	0-255	Green pixel 12	0	255
47	Blue 12	0-255	Blue pixel 12	0	255
48	White 12	0-255	White pixel 12	0	-
49	Red 13	0-255	Red pixel 13	0	255
50	Green 13	0-255	Green pixel 13	0	255

51	Blue 13	0-255	Blue pixel 13	0	255
52	White 13	0-255	White pixel 13	0	-
53	Red 14	0-255	Red pixel 14	0	255
54	Green 14	0-255	Green pixel 14	0	255
55	Blue 14	0-255	Blue pixel 14	0	255
56	White 14	0-255	White pixel 14	0	-
57	Red 15	0-255	Red pixel 15	0	255
58	Green 15	0-255	Green pixel 15	0	255
59	Blue 15	0-255	Blue pixel 15	0	255
60	White 15	0-255	White pixel 15	0	-
61	Red 16	0-255	Red pixel 16	0	255
62	Green 16	0-255	Green pixel 16	0	255
63	Blue 16	0-255	Blue pixel 16	0	255
64	White 16	0-255	White pixel 16	0	-

Mode 89 ch

Ch	Function	Value	Description	Default	Highlight / locate
1	Dimmer master white strobe	0-255		0	255
2	Dimmer master color	0-255		0	255
3	Shutter	0-4 5-130 131-180 181-229 230-249 250-255	OPEN STROBE 1-30 Hz PULSE open PULSE close STROBE random OPEN	255	255
4	White strobe macro	0-4 5-24 25-44 45-64 65-84 85-104 105-124 125-144 145-164 165-184 185-204 205-224 225-244 245-255	No function MACRO 1 MACRO 2 MACRO 3 MACRO 4 MACRO 5 MACRO 6 MACRO 7 MACRO 8 MACRO 9 MACRO 10 MACRO 11 MACRO 12 MACRO 13	0	0

5	White strobe macro speed	0-255	Fast-slow	128	-
6	Color macro	0-4 5-21 22-29 30-39 40-49 50-69 70-89 90-109 110-129 130-149 150-169 170-189 190-209 210-229 230-249 250-255	No function COLOR HUE COLOR HUE + WHITE COLOR fade COLOR chase MACRO 1 MACRO 2 MACRO 3 MACRO 4 MACRO 5 MACRO 6 MACRO 7 MACRO 8 MACRO 9 MACRO 10 MACRO 11	0	0
7	Color macro speed	0-255	Fast-slow	128	-
8	Color foreground	0-129 130-255	COLOR HUE COLOR HUE + WHITE	0	-
9	Color background	0-129 130-255	COLOR HUE COLOR HUE + WHITE	0	-
10	White strobe 1	0-255	White strobe pixel 1	255	255
11	White strobe 2	0-255	White strobe pixel 2	255	255
12	White strobe 3	0-255	White strobe pixel 3	255	255
13	White strobe 4	0-255	White strobe pixel 4	255	255
14	White strobe 5	0-255	White strobe pixel 5	255	255
15	White strobe 6	0-255	White strobe pixel 6	255	255
16	White strobe 7	0-255	White strobe pixel 7	255	255
17	White strobe 8	0-255	White strobe pixel 8	255	255
18	White strobe 9	0-255	White strobe pixel 9	255	255
19	White strobe 10	0-255	White strobe pixel 10	255	255
20	White strobe 11	0-255	White strobe pixel 11	255	255
21	White strobe 12	0-255	White strobe pixel 12	255	255
22	White strobe 13	0-255	White strobe pixel 13	255	255
23	White strobe 14	0-255	White strobe pixel 14	255	255
24	White strobe 15	0-255	White strobe pixel 15	255	255
25	White strobe 16	0-255	White strobe pixel 16	255	255
26	Red 1	0-255	Red pixel 1	0	255
27	Green 1	0-255	Green pixel 1	0	255
28	Blue 1	0-255	Blue pixel 1	0	255
29	White 1	0-255	White pixel 1	0	-

30	Red 2	0-255	Red pixel 2	0	255
31	Green 2	0-255	Green pixel 2	0	255
32	Blue 2	0-255	Blue pixel 2	0	255
33	White 2	0-255	White pixel 2	0	-
34	Red 3	0-255	Red pixel 3	0	255
35	Green 3	0-255	Green pixel 3	0	255
36	Blue 3	0-255	Blue pixel 3	0	255
37	White 3	0-255	White pixel 3	0	-
38	Red 4	0-255	Red pixel 4	0	255
39	Green 4	0-255	Green pixel 4	0	255
40	Blue 4	0-255	Blue pixel 4	0	255
41	White 4	0-255	White pixel 4	0	-
42	Red 5	0-255	Red pixel 5	0	255
43	Green 5	0-255	Green pixel 5	0	255
44	Blue 5	0-255	Blue pixel 5	0	255
45	White 5	0-255	White pixel 5	0	-
46	Red 6	0-255	Red pixel 6	0	255
47	Green 6	0-255	Green pixel 6	0	255
48	Blue 6	0-255	Blue pixel 6	0	255
49	White 6	0-255	White pixel 6	0	-
50	Red 7	0-255	Red pixel 7	0	255
51	Green 7	0-255	Green pixel 7	0	255
52	Blue 7	0-255	Blue pixel 7	0	255
53	White 7	0-255	White pixel 7	0	-
54	Red 8	0-255	Red pixel 8	0	255
55	Green 8	0-255	Green pixel 8	0	255
56	Blue 8	0-255	Blue pixel 8	0	255
57	White 8	0-255	White pixel 8	0	-
58	Red 9	0-255	Red pixel 9	0	255
59	Green 9	0-255	Green pixel 9	0	255
60	Blue 9	0-255	Blue pixel 9	0	255
61	White 9	0-255	White pixel 9	0	-
62	Red 10	0-255	Red pixel 10	0	255
63	Green 1	0-255	Green pixel 10	0	255
64	Blue 10	0-255	Blue pixel 10	0	255
65	White 1	0-255	White pixel 10	0	-
66	Red 11	0-255	Red pixel 11	0	255
67	Green 11	0-255	Green pixel 11	0	255

68	Blue 11	0-255	Blue pixel 11	0	255
69	White 11	0-255	White pixel 11	0	-
70	Red 12	0-255	Red pixel 12	0	255
71	Green 12	0-255	Green pixel 12	0	255
72	Blue 12	0-255	Blue pixel 12	0	255
73	White 12	0-255	White pixel 12	0	-
74	Red 13	0-255	Red pixel 13	0	255
75	Green 13	0-255	Green pixel 13	0	255
76	Blue 13	0-255	Blue pixel 13	0	255
77	White 13	0-255	White pixel 13	0	-
78	Red 14	0-255	Red pixel 14	0	255
79	Green 14	0-255	Green pixel 14	0	255
80	Blue 14	0-255	Blue pixel 14	0	255
81	White 14	0-255	White pixel 14	0	-
82	Red 15	0-255	Red pixel 15	0	255
83	Green 15	0-255	Green pixel 15	0	255
84	Blue 15	0-255	Blue pixel 15	0	255
85	White 15	0-255	White pixel 15	0	-
86	Red 16	0-255	Red pixel 16	0	255
87	Green 16	0-255	Green pixel 16	0	255
88	Blue 16	0-255	Blue pixel 16	0	255
89	White 16	0-255	White pixel 16	0	-

Mode 4 ch net

Ch	Function	Value	Description	Default	Highlight / locate
1	Dimmer	0-255		0	255
2	Shutter	0-4 5-130 131-180 181-229 230-249 250-255	OPEN STROBE 1-30 Hz PULSE open PULSE close STROBE random OPEN	255	255

3	White strobe macro	0-4 5-24 25-44 45-64 65-84 85-104 105-124 125-144 145-164 165-184 185-204 205-224 225-244 245-255	No function MACRO 1 MACRO 2 MACRO 3 MACRO 4 MACRO 5 MACRO 6 MACRO 7 MACRO 8 MACRO 9 MACRO 10 MACRO 11 MACRO 12 MACRO 13	0	0
4	White strobe macro speed	0-255	Fast-slow	128	-
Second universe (AURA)					
1	Red 1	0-255	Red pixel 1	0	255
2	Green 1	0-255	Green pixel 1	0	255
3	Blue 1	0-255	Blue pixel 1	0	255
4	White 1	0-255	White pixel 1	0	-
5	Red 2	0-255	Red pixel 2	0	255
6	Green 2	0-255	Green pixel 2	0	255
7	Blue 2	0-255	Blue pixel 2	0	255
8	White 2	0-255	White pixel 2	0	-
9	Red 3	0-255	Red pixel 3	0	255
10	Green 3	0-255	Green pixel 3	0	255
11	Blue 3	0-255	Blue pixel 3	0	255
12	White 3	0-255	White pixel 3	0	-
13	Red 4	0-255	Red pixel 4	0	255
14	Green 4	0-255	Green pixel 4	0	255
15	Blue 4	0-255	Blue pixel 4	0	255
16	White 4	0-255	White pixel 4	0	-
17	Red 5	0-255	Red pixel 5	0	255
18	Green 5	0-255	Green pixel 5	0	255
19	Blue 5	0-255	Blue pixel 5	0	255
20	White 5	0-255	White pixel 5	0	-
21	Red 6	0-255	Red pixel 6	0	255
22	Green 6	0-255	Green pixel 6	0	255
23	Blue 6	0-255	Blue pixel 6	0	255
24	White 6	0-255	White pixel 6	0	-
25	Red 7	0-255	Red pixel 7	0	255

26	Green 7	0-255	Green pixel 7	0	255
27	Blue 7	0-255	Blue pixel 7	0	255
28	White 7	0-255	White pixel 7	0	-
29	Red 8	0-255	Red pixel 8	0	255
30	Green 8	0-255	Green pixel 8	0	255
31	Blue 8	0-255	Blue pixel 8	0	255
32	White 8	0-255	White pixel 8	0	-
33	Red 9	0-255	Red pixel 9	0	255
34	Green 9	0-255	Green pixel 9	0	255
35	Blue 9	0-255	Blue pixel 9	0	255
36	White 9	0-255	White pixel 9	0	-
37	Red 10	0-255	Red pixel 10	0	255
38	Green 1	0-255	Green pixel 10	0	255
39	Blue 10	0-255	Blue pixel 10	0	255
40	White 1	0-255	White pixel 10	0	-
41	Red 11	0-255	Red pixel 11	0	255
42	Green 11	0-255	Green pixel 11	0	255
43	Blue 11	0-255	Blue pixel 11	0	255
44	White 11	0-255	White pixel 11	0	-
45	Red 12	0-255	Red pixel 12	0	255
46	Green 12	0-255	Green pixel 12	0	255
47	Blue 12	0-255	Blue pixel 12	0	255
48	White 12	0-255	White pixel 12	0	-
49	Red 13	0-255	Red pixel 13	0	255
50	Green 13	0-255	Green pixel 13	0	255
51	Blue 13	0-255	Blue pixel 13	0	255
52	White 13	0-255	White pixel 13	0	-
53	Red 14	0-255	Red pixel 14	0	255
54	Green 14	0-255	Green pixel 14	0	255
55	Blue 14	0-255	Blue pixel 14	0	255
56	White 14	0-255	White pixel 14	0	-
57	Red 15	0-255	Red pixel 15	0	255
58	Green 15	0-255	Green pixel 15	0	255
59	Blue 15	0-255	Blue pixel 15	0	255
60	White 15	0-255	White pixel 15	0	-
61	Red 16	0-255	Red pixel 16	0	255
62	Green 16	0-255	Green pixel 16	0	255
63	Blue 16	0-255	Blue pixel 16	0	255
64	White 16	0-255	White pixel 16	0	-

Mode 20 ch net					
Ch	Function	Value	Description	Default	Highlight / locate
1	Dimmer	0-255		0	255
2	Shutter	0-4 5-130 131-180 181-229 230-249 250-255	OPEN STROBE 1-30 Hz PULSE open PULSE close STROBE random OPEN	255	255
3	White strobe macro	0-4 5-24 25-44 45-64 65-84 85-104 105-124 125-144 145-164 165-184 185-204 205-224 225-244 245-255	No function MACRO 1 MACRO 2 MACRO 3 MACRO 4 MACRO 5 MACRO 6 MACRO 7 MACRO 8 MACRO 9 MACRO 10 MACRO 11 MACRO 12 MACRO 13	0	0
4	White strobe macro speed	0-255	Fast-slow	128	-
5	White strobe 1	0-255	White strobe pixel 1	255	255
6	White strobe 2	0-255	White strobe pixel 2	255	255
7	White strobe 3	0-255	White strobe pixel 3	255	255
8	White strobe 4	0-255	White strobe pixel 4	255	255
9	White strobe 5	0-255	White strobe pixel 5	255	255
10	White strobe 6	0-255	White strobe pixel 6	255	255
11	White strobe 7	0-255	White strobe pixel 7	255	255
12	White strobe 8	0-255	White strobe pixel 8	255	255
13	White strobe 9	0-255	White strobe pixel 9	255	255
14	White strobe 10	0-255	White strobe pixel 10	255	255
15	White strobe 11	0-255	White strobe pixel 11	255	255
16	White strobe 12	0-255	White strobe pixel 12	255	255
17	White strobe 13	0-255	White strobe pixel 13	255	255
18	White strobe 14	0-255	White strobe pixel 14	255	255

19	White strobe 15	0-255	White strobe pixel 15	255	255
20	White strobe 16	0-255	White strobe pixel 16	255	255
Second universe (AURA)					
1	Red 1	0-255	Red pixel 1	0	255
2	Green 1	0-255	Green pixel 1	0	255
3	Blue 1	0-255	Blue pixel 1	0	255
4	White 1	0-255	White pixel 1	0	-
5	Red 2	0-255	Red pixel 2	0	255
6	Green 2	0-255	Green pixel 2	0	255
7	Blue 2	0-255	Blue pixel 2	0	255
8	White 2	0-255	White pixel 2	0	-
9	Red 3	0-255	Red pixel 3	0	255
10	Green 3	0-255	Green pixel 3	0	255
11	Blue 3	0-255	Blue pixel 3	0	255
12	White 3	0-255	White pixel 3	0	-
13	Red 4	0-255	Red pixel 4	0	255
14	Green 4	0-255	Green pixel 4	0	255
15	Blue 4	0-255	Blue pixel 4	0	255
16	White 4	0-255	White pixel 4	0	-
17	Red 5	0-255	Red pixel 5	0	255
18	Green 5	0-255	Green pixel 5	0	255
19	Blue 5	0-255	Blue pixel 5	0	255
20	White 5	0-255	White pixel 5	0	-
21	Red 6	0-255	Red pixel 6	0	255
22	Green 6	0-255	Green pixel 6	0	255
23	Blue 6	0-255	Blue pixel 6	0	255
24	White 6	0-255	White pixel 6	0	-
25	Red 7	0-255	Red pixel 7	0	255
26	Green 7	0-255	Green pixel 7	0	255
27	Blue 7	0-255	Blue pixel 7	0	255
28	White 7	0-255	White pixel 7	0	-
29	Red 8	0-255	Red pixel 8	0	255
30	Green 8	0-255	Green pixel 8	0	255
31	Blue 8	0-255	Blue pixel 8	0	255
32	White 8	0-255	White pixel 8	0	-
33	Red 9	0-255	Red pixel 9	0	255
34	Green 9	0-255	Green pixel 9	0	255
35	Blue 9	0-255	Blue pixel 9	0	255

36	White 9	0-255	White pixel 9	0	-
37	Red 10	0-255	Red pixel 10	0	255
38	Green 1	0-255	Green pixel 10	0	255
39	Blue 10	0-255	Blue pixel 10	0	255
40	White 1	0-255	White pixel 10	0	-
41	Red 11	0-255	Red pixel 11	0	255
42	Green 11	0-255	Green pixel 11	0	255
43	Blue 11	0-255	Blue pixel 11	0	255
44	White 11	0-255	White pixel 11	0	-
45	Red 12	0-255	Red pixel 12	0	255
46	Green 12	0-255	Green pixel 12	0	255
47	Blue 12	0-255	Blue pixel 12	0	255
48	White 12	0-255	White pixel 12	0	-
49	Red 13	0-255	Red pixel 13	0	255
50	Green 13	0-255	Green pixel 13	0	255
51	Blue 13	0-255	Blue pixel 13	0	255
52	White 13	0-255	White pixel 13	0	-
53	Red 14	0-255	Red pixel 14	0	255
54	Green 14	0-255	Green pixel 14	0	255
55	Blue 14	0-255	Blue pixel 14	0	255
56	White 14	0-255	White pixel 14	0	-
57	Red 15	0-255	Red pixel 15	0	255
58	Green 15	0-255	Green pixel 15	0	255
59	Blue 15	0-255	Blue pixel 15	0	255
60	White 15	0-255	White pixel 15	0	-
61	Red 16	0-255	Red pixel 16	0	255
62	Green 16	0-255	Green pixel 16	0	255
63	Blue 16	0-255	Blue pixel 16	0	255
64	White 16	0-255	White pixel 16	0	-

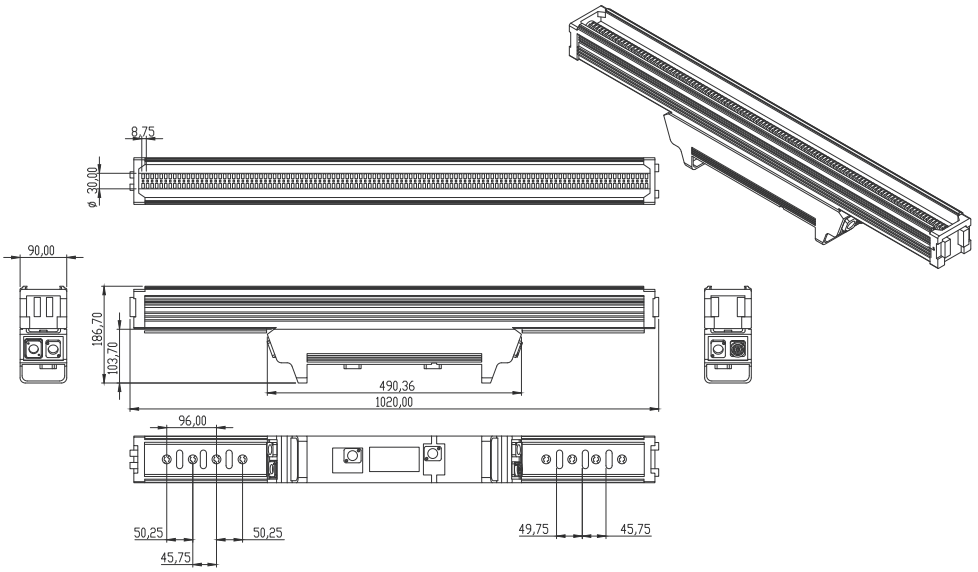
MENU STRUCTURE

- Menu
  - DMX
    - 1-511
  - Net IP
    - IP Address
      - IP (0-255)
      - IP (0-255)
      - IP (0-255)
      - IP (0-255)
    - Sub mask
      - 255.0.0.0
      - 255.255.0.0
      - 255.255.255.0
  - Set Universe
    - Strobe
    - Aura
  - Channel mode
    - 13 ch (DMX)
    - 64 ch (DMX)
    - 89 ch (DMX)
    - 4-ch NET (ARTNET only)
    - 20-ch NET (ARTNET only)
  - Offline status
    - Off
    - On
    - Hold
    - Manual
    - Auto
  - Manual
    - Dimmer
    - Strobe
    - Macro1
    - MacroS1
    - Macro2
    - MacroS2
    - Macro2ColorF
    - Macro2ColorB
    - White-S
    - Red
    - Green
    - Blue
    - White-C
  - Auto Program
    - Show 01-27
    - Speed 01-10
    - ColorF 0-255
    - ColorB 0-255
    - ShowEx 0-255
  - Display
    - Ch/En
      - English
      - Chinese
    - Display Dir
      - Normal
      - Reverse
    - Backlight
      - 30s
      - On
    - Password
      - < >
      - < * >
  - Parameter
    - Yes
    - No
  - Default
    - Yes
    - No
  - Info
    - Ver
    - Temperature
    - Channel
    - RDM

RDM Manufacturer ID: 2D2D

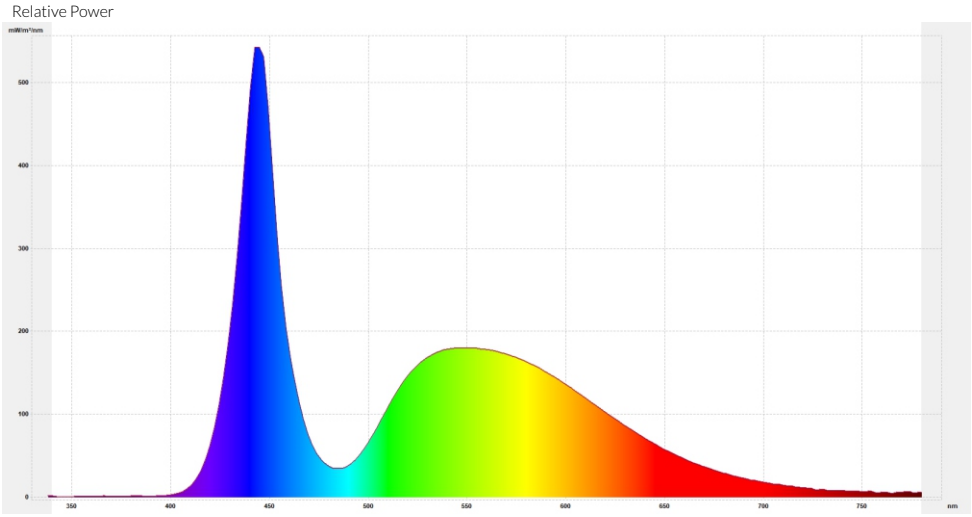
TECHNICAL DRAWINGS

Dimensions in [mm]

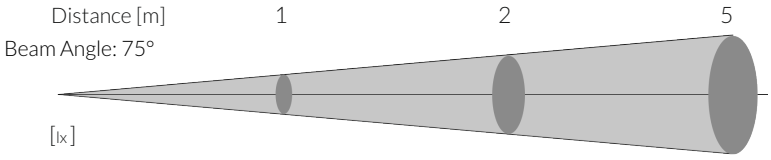


WHITE STROBE SECTION

SPECTRAL DISTRIBUTION



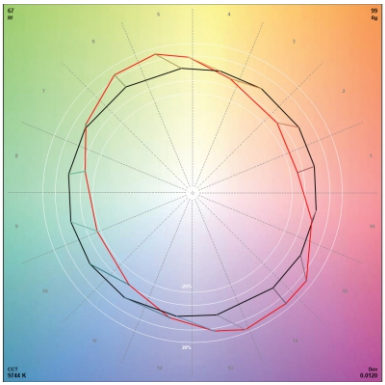
ILLUMINANCE OF STROBE SECTION AND FULL FIXTURE



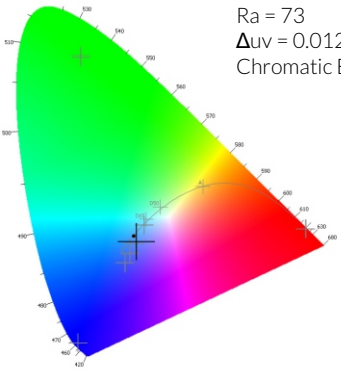
Cold White	10 662	2 970	486
RGBW + Cold White	20 420	5 723	936

Measured at 100% output
Ambient temperature: 25°C

COLOR VECTOR GRAPH



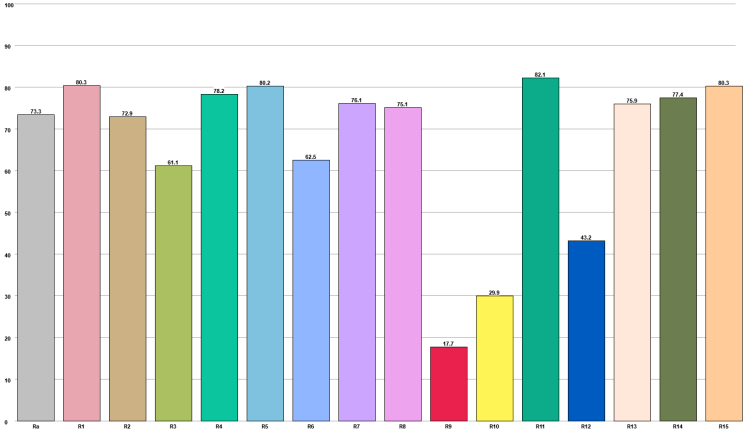
CIE 1931



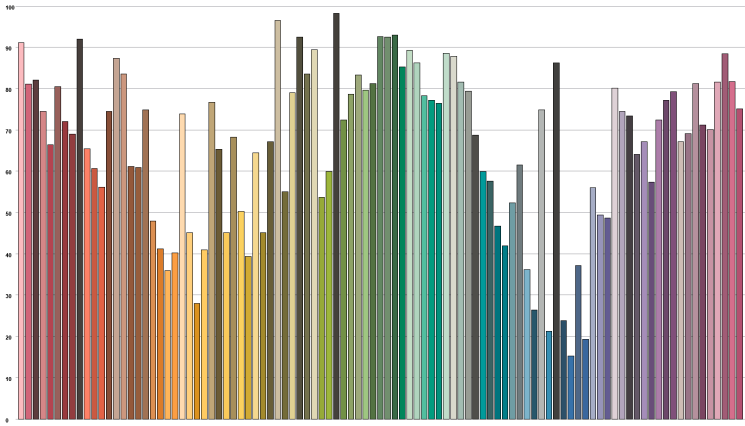
Ra = 73
Δuv = 0.01201
Chromatic Error = 0.024

x = 0,2890
y = 0,2763

CRI (Color Rendering Index) = 73.3 (R1–R8)

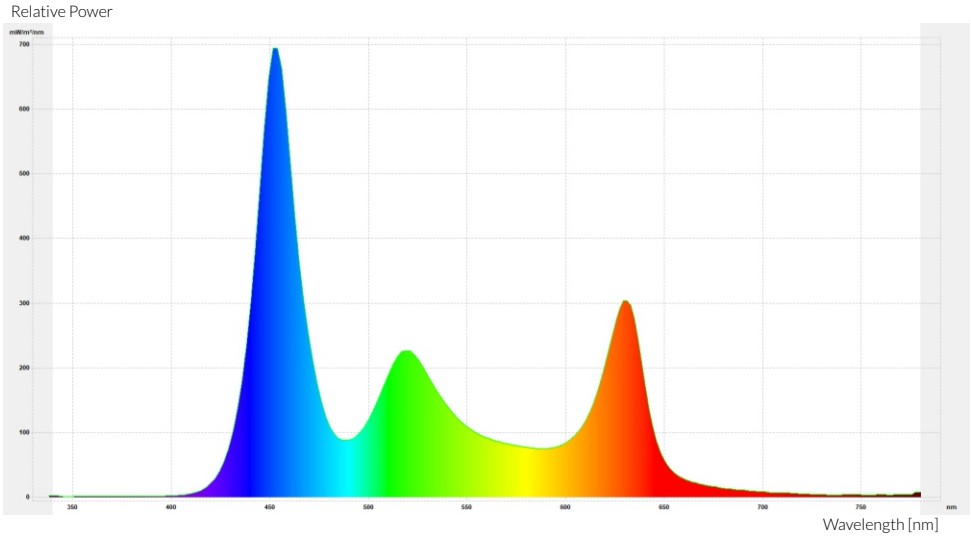


COLOR EVALUATION SAMPLE

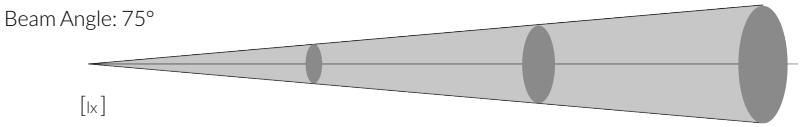


AURA SECTION

SPECTRAL DISTRIBUTION



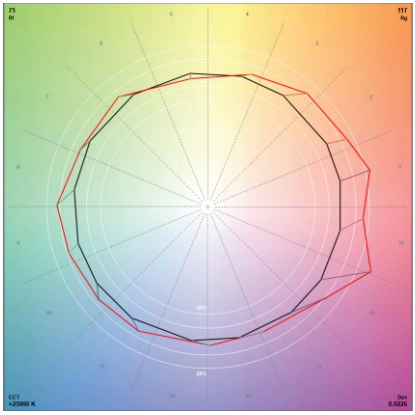
ILLUMINANCE PER COLOR



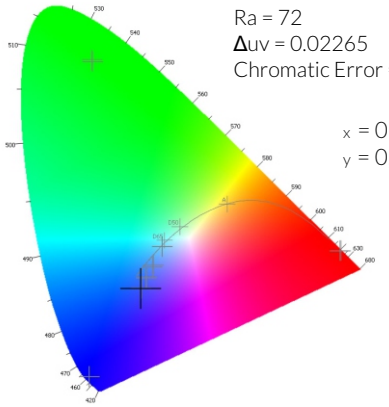
R	1 416	407	67
G	3 052	855	140
B	711	198	33
W	4 765	1 230	220
RGBW	9 693	2 727	450

Measured at 100% output
Ambient temperature: 25°C

COLOR VECTOR GRAPH



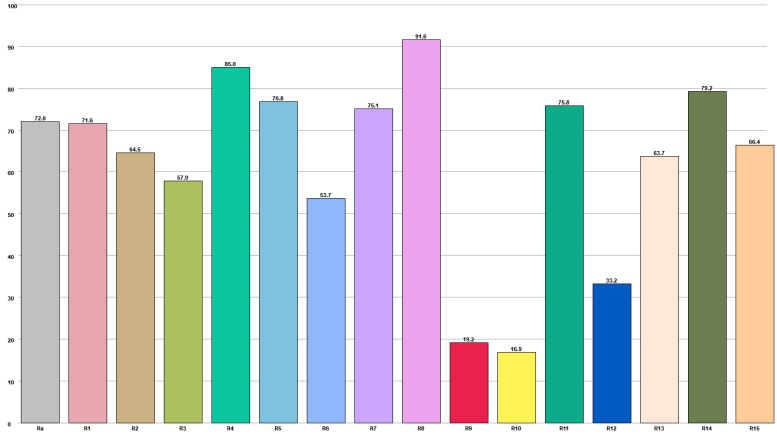
CIE 1931



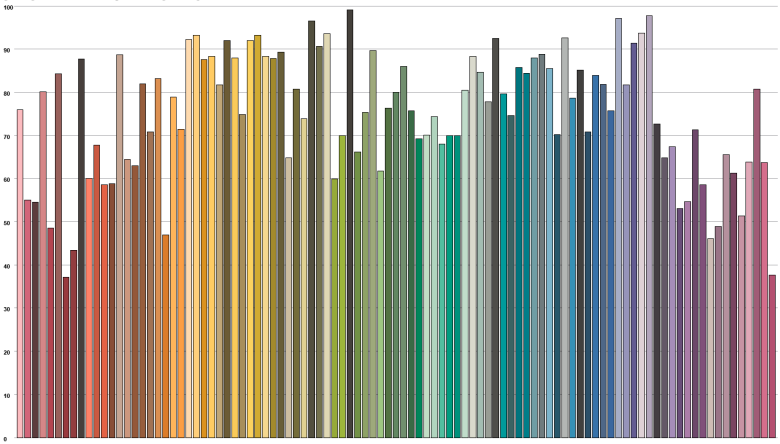
Ra = 72
Δuv = 0.02265
Chromatic Error = 0.091

x = 0,2609
y = 0,2254

CRI (Color Rendering Index) = 72 (R1–R8)



COLOR EVALUATION SAMPLE



SPECIFICATION

- Light Source:
  LED White 6500K 5W × 112 (16 sections)
  LED RGBW 2W × 224 (16 sections)
- Total lumen output: 40,000 lm
- Power consumption: 800 W
- Power supply voltage: 110–240 V AC, 50/60 Hz
- WHITE STROBE SECTION pixel and shape control
- RGBW SECTION pixel and shape control
- Strobe: 1–30 Hz
- Control: DMX512, RDM, Art-Net, Auto Mode
- DMX channel modes: 13 CH / 64 CH / 89 CH / 4 CH-NET / 20 CH-NET
- System for easy connection of fixtures in a line
- Additional frost filter
- IP Rating: Ip65
- Housing material: aluminium, glass, plastic (frost diffuser)
- Cooling: Passive
- AC IN/OUT: powerCON TRUE1
- 3-pin XLR DMX Input/Output
- etherCON Input/Output
- Net Weight: 9.5 kg
- Dimensions: 100.4 × 13 × 9.5 cm



FLASH

FLASH-BUTRYM SP.J.
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POLAND

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