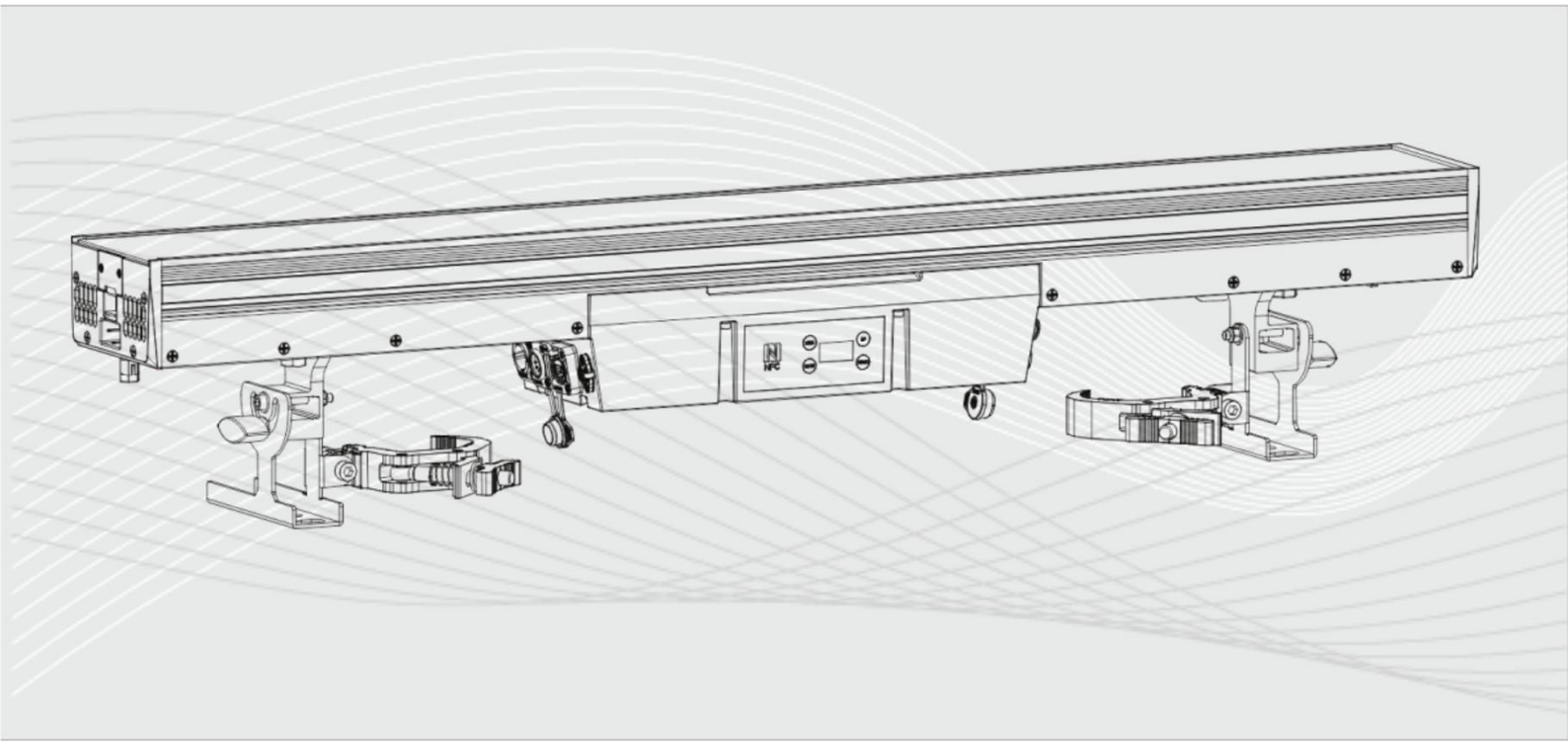
TS3

User's Manual



TS3

Please read the user manual carefully
before using the appliance.

English

TS3 USER MANUAL – INDEX

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TS3 USER MANUAL

1 Product and technical specification

1 Product and technical specification

Item	Specification
Type	TS3
LED colours	RGB: 576 pcs; WW: 288 pcs; CW: 288 pcs
Power	1000 W (strobe)
Voltage range	100–240 V ~, 50/60 Hz
Protection	IP66
Operating temperature	−20 °C to 45 °C
Dimensions	1000 × 207 × 194 mm
Weight	9.7 kg

2 Safety notes

2 Safety notes

- IMPORTANT: this product must be installed by a qualified professional. Follow the safety instructions and warning notes in this manual to maintain safe operation. The manufacturer does not accept liability for damage caused by failure to observe this manual or by unauthorised modification of the device.
- Make sure that the available voltage is not higher than the voltage stated on the rear panel.
- Do not touch the power cables with wet hands. The earth wire must always be connected to earth: connect the yellow/green conductor to earth.
- Make sure the power cord is never crimped or damaged by sharp edges. Check the device and the power cord from time to time. Electrical connection, repairs and servicing must be carried out by a qualified employee.
- Always disconnect the power input cable to remove power completely from the unit when it is not in use, and before cleaning or servicing the fixture.
- Do not switch the fixture on and off at short intervals, as this reduces the life of the light source.
- Do not touch the housing with bare hands during operation, as it becomes hot. The surface of the casing can reach up to 70 °C (158 °F) during operation. Prevent contact by persons and materials, and do not install the product where accidental contact is possible. Allow the product to cool for at least 10 minutes before handling.
- For replacement, use lamps and fuses of the same type and rating only.
- Protect the fixture from damage during transport and installation. If the coating is damaged, the shell may corrode.
- When hanging the fixture, make sure the structure and hooks can bear at least 10 times the weight of the fixture. Fix the safety rope at the correct holes only. Operate the fixture only after checking that the housing is firmly closed and all screws are tightly fastened.
- The maximum ambient temperature of 45 °C must never be exceeded. Do not operate the product if the ambient temperature (Ta) exceeds 45 °C (115 °F).
- Electrical warning: the light source in this luminaire may only be replaced by the manufacturer, its service agent, or a similar qualified person.

3 Installation

3.1 Mounting

- For overhead use, always install a safety cable that can hold at least 10 times the weight of the fixture. Secure the fixture with the safety cable through the rear safety eye.
- Make sure the structure (truss) to which the fixture is attached is secure.

3.2 Power connections

- Power linking: 1 unit at 110 V; 2 units at 220 V.
- This product has an auto-ranging power supply that works with an input voltage range of 100–240 V AC, 50/60 Hz.

Connection	Wire (US)	Wire (Europe)	Screw colour
AC live	Black	Brown	Yellow/Brass
AC neutral	White	Blue	Silver
AC ground	Green/Yellow	Green/Yellow	Green

3.3 Data network requirements

- Connect the DMX512 controller to the units in series. A DMX512 data link is required to control the fixture via DMX. The fixture has 3-pin or 5-pin XLR connectors for DMX data input and output.
- Each unit uses N DMX channels, so the DMX addresses increase in steps of N: unit 1 starts at 1, unit 2 at N + 1, unit 3 at 2N + 1, and so on. For example, with 13 channels per unit the starts are 1, 14, 27. With 21 channels per unit the starts are 1, 22, 43.
- Any DMX address from 001 to 512 may be used.

4 Functions and settings

4.1 Display operation

- MENU: opens the menu or returns to the previous menu option.
- ENTER: selects and stores the current menu, or confirms the current function value or option within a menu.
- UP: navigates down through the menu list and increases the numeric value when in a function.
- DOWN: navigates up through the menu list and decreases the numeric value when in a function.
- All passwords of this product are UP, DOWN, UP, DOWN, ENTER.

4.2 Menu map

Setting	Options (default marked)	Description
STATIC	DIMMER, RED, GREEN, BLUE, WHITE, COOL: 0–255 each	Manual control of the static colour and dimmer values
STATIC	CCT: 1800 K to 10000 K	Colour temperature select
STATIC	PRESET COLOR: COLOR 1 to COLOR 24	Preset colour (see Annex)
STATIC	STROBE: 0–25 Hz	Strobe speed select
STATIC	FROST: 0–255	Electronic frost angle adjustment
ADDRESS	001–512 (default 001)	Sets the DMX address
RUN MODE	DMX512 (default); ARTNET; ARTNET TO DMX; sACN; SLAVE	Selects the control source. Slave accepts signals sent by the host
PERSONALITY	SSP TOUR (default); PIXEL 1; PIXEL 2; PIXEL 1 FULL; PIXEL 2 FULL; PIXEL 3; PIXEL 4	Selects the channel mode
SETTING	RESET	Restores factory settings
SETTING	WDMX RESET: NO (default) / YES	Clears the wireless DMX receiver message when YES
SETTING	HIDE WDMX: NO / YES	Hides wireless mode
SETTING	UPLOAD: NO (default) / YES	Sets parameters to send to slaves
SETTING	Tungsten Fade: Off (default) / On	Tungsten fade on or off
SETTING	Cell Direction: Normal (default) / Flipped	Pixel direction
SETTING	DMX ERROR: SAVE (default) / BLACK / STATIC	Behaviour after loss of DMX signal: hold, blackout or static
SETTING	PERFORMANCE: STUDIO / POWER / LIVE (default)	STUDIO: fan low speed. POWER: fast fan rotation and full power. LIVE: automatic fan rotation
SETTING	DISP KEY: On (default) / Off	Locks the display; passcode UP, DOWN, UP, DOWN, ENTER
SETTING	DISP TIME: ON / 30 s / 1 min (default) / 2 min	Display backlight: always on, or off after inactivity
SETTING	Color Calibration: OFF; User calibration; Factory calibration (default)	User calibration sets RED, GREEN, BLUE, WHITE and COOL from 0 to 255
SETTING	NETWORK SWITCH: NET 2.XXX.XXX.XXX or 10.XXX.XXX.XXX	Network IP mode and address

Setting	Options (default marked)	Description
SETTING	UNIVERSE: 0–255	Packet group setting
SETTING	DEFAULT IP / CUSTOM IP; IP ADDRESS; NET MASK	Default or customer IP settings
SETTING	LANGUAGE: English / Chinese	Language select
SETTING	SIGNAL: ONLY XLRDMX (default); XLRDMX FIRST; ONLY WDMX; WDMX FIRST; WDMX TO XLRDMX	Selects wired or wireless DMX input priority
INFO	FIXTURE HOURS; LED HOURS; TEMPERATURE	Hours of fixture use and LED use; LED temperature
INFO	VERSION; UID; RDM LABEL	Software version; fixture ID; fixture label
INFO	UPDATE SOFTWARE	Software update

5 DMX channel tables

5 DMX channel tables

The DMX chart for this product lists eight channel modes. The personality is selected in the PERSONALITY menu. Assign the channels in the order shown in the matching table. DMX values are inclusive ranges from 0 to 255. The control channel functions execute after 3 seconds. Where the printed chart lists single values (for example, the CCT channel), those values are shown as printed.

Mode map: 13 channels = SSP; 21 channels = TOUR; 240, 159, 130 and 250 channels = PIXEL 1, PIXEL 2, PIXEL 1 FULL and PIXEL 2 FULL; 65 and 125 channels = PIXEL 3 and PIXEL 4.

5.1 13 Channel Mode (SSP)

CH	Function	DMX value	Description
1	Dimmer	0–255	Dimmer
2	Red	0–255	Red
3	Green	0–255	Green
4	Blue	0–255	Blue
5	RGB Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
6	RGB Duration	0–255	RGB duration (14ms–650ms)
7	CW Dimmer	0–255	CW dimmer
8	Warm White	0–255	Warm white
9	Cool White	0–255	Cool white
10	CW Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
11	CW Duration	0–255	CW duration (14ms–650ms)
12	Frost	0–255	Frost 0–100%
13	Control	0–10	No function
		11–100	Reserved
		101–105	Studio
		106–110	Power
		111–115	Live

CH	Function	DMX value	Description
		116–120	Reserved
		121–125	Tungsten fade on
		126–130	Tungsten fade off
		131–185	Reserved
		186–190	Cell direction normal
		191–195	Cell direction flipped
		196–200	Reserved
		201–205	All reset
		206–250	Reserved
		251–255	No function

5.2 21 Channel Mode (TOUR)

CH	Function	DMX value	Description
1	Dimmer	0–255	Dimmer
2	Red	0–255	Red
3	Green	0–255	Green
4	Blue	0–255	Blue
5	Preset Color	0–10	No function
		11–255	Preset color, see Annex I for details
6	CCT	0–9	No function
		10	1800K
		25	2200K
		40	2700K
		55	3000K
		70	3200K
		85	4000K
		100	4500K
		115	5000K
		130	5600K
		145	6000K
		160	6500K
		175	7000K
		190	8000K
		205	10000K
		255	10000K
7	RGB Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz

CH	Function	DMX value	Description
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
8	RGB Duration	0–255	RGB duration (14ms–650ms)
9	RGB Static Pixel	0–10	No function
		11–255	Static pixel, see Annex 2 for details
10	RGB Macros	0–10	No function
		11–255	Pixel effect, see Annex 3 for details
11	RGB Auto Speed	0–255	Auto speed adjustment (slow → fast)
12	CW Dimmer	0–255	CW dimmer
13	Warm White	0–255	Warm white
14	Cool White	0–255	Cool white
15	CW Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
16	CW Duration	0–255	CW duration (14ms–650ms)
17	CW Static Pixel	0–10	No function
		11–255	Static pixel, see Annex 4 for details
18	CW Macros	0–10	No function
		11–255	Pixel effect, see Annex 5 for details
19	CW Auto Speed	0–255	Auto speed adjustment (slow → fast)
20	Frost	0–255	Frost 0–100%
21	Control	0–10	No function
		11–100	Reserved
		101–105	Studio
		106–110	Power
		111–115	Live
		116–120	Reserved
		121–125	Tungsten fade on
		126–130	Tungsten fade off
		131–185	Reserved
		186–190	Cell direction normal
		191–195	Cell direction flipped

CH	Function	DMX value	Description
		196–200	Reserved
		201–205	All reset
		206–250	Reserved
		251–255	No function

5.3 240 Channel Mode (PIXEL 1)

CH	Function	DMX value	Description
1	Pixel 1 Red	0–255	Pixel 1 red
2	Pixel 1 Green	0–255	Pixel 1 green
3	Pixel 1 Blue	0–255	Pixel 1 blue
4	Pixel 2 Red	0–255	Pixel 2 red
5	Pixel 2 Green	0–255	Pixel 2 green
6	Pixel 2 Blue	0–255	Pixel 2 blue
7	Pixel 3 Red	0–255	Pixel 3 red
8	Pixel 3 Green	0–255	Pixel 3 green
9	Pixel 3 Blue	0–255	Pixel 3 blue
10	Pixel 4 Red	0–255	Pixel 4 red
11	Pixel 4 Green	0–255	Pixel 4 green
12	Pixel 4 Blue	0–255	Pixel 4 blue
13	Pixel 5 Red	0–255	Pixel 5 red
14	Pixel 5 Green	0–255	Pixel 5 green
15	Pixel 5 Blue	0–255	Pixel 5 blue
16	Pixel 6 Red	0–255	Pixel 6 red
17	Pixel 6 Green	0–255	Pixel 6 green
18	Pixel 6 Blue	0–255	Pixel 6 blue
19	Pixel 7 Red	0–255	Pixel 7 red
20	Pixel 7 Green	0–255	Pixel 7 green
21	Pixel 7 Blue	0–255	Pixel 7 blue
22	Pixel 8 Red	0–255	Pixel 8 red
23	Pixel 8 Green	0–255	Pixel 8 green
24	Pixel 8 Blue	0–255	Pixel 8 blue
25	Pixel 9 Red	0–255	Pixel 9 red
26	Pixel 9 Green	0–255	Pixel 9 green
27	Pixel 9 Blue	0–255	Pixel 9 blue
28	Pixel 10 Red	0–255	Pixel 10 red
29	Pixel 10 Green	0–255	Pixel 10 green
30	Pixel 10 Blue	0–255	Pixel 10 blue

CH	Function	DMX value	Description
31	Pixel 11 Red	0–255	Pixel 11 red
32	Pixel 11 Green	0–255	Pixel 11 green
33	Pixel 11 Blue	0–255	Pixel 11 blue
34	Pixel 12 Red	0–255	Pixel 12 red
35	Pixel 12 Green	0–255	Pixel 12 green
36	Pixel 12 Blue	0–255	Pixel 12 blue
37	Pixel 13 Red	0–255	Pixel 13 red
38	Pixel 13 Green	0–255	Pixel 13 green
39	Pixel 13 Blue	0–255	Pixel 13 blue
40	Pixel 14 Red	0–255	Pixel 14 red
41	Pixel 14 Green	0–255	Pixel 14 green
42	Pixel 14 Blue	0–255	Pixel 14 blue
43	Pixel 15 Red	0–255	Pixel 15 red
44	Pixel 15 Green	0–255	Pixel 15 green
45	Pixel 15 Blue	0–255	Pixel 15 blue
46	Pixel 16 Red	0–255	Pixel 16 red
47	Pixel 16 Green	0–255	Pixel 16 green
48	Pixel 16 Blue	0–255	Pixel 16 blue
49	Pixel 17 Red	0–255	Pixel 17 red
50	Pixel 17 Green	0–255	Pixel 17 green
51	Pixel 17 Blue	0–255	Pixel 17 blue
52	Pixel 18 Red	0–255	Pixel 18 red
53	Pixel 18 Green	0–255	Pixel 18 green
54	Pixel 18 Blue	0–255	Pixel 18 blue
55	Pixel 19 Red	0–255	Pixel 19 red
56	Pixel 19 Green	0–255	Pixel 19 green
57	Pixel 19 Blue	0–255	Pixel 19 blue
58	Pixel 20 Red	0–255	Pixel 20 red
59	Pixel 20 Green	0–255	Pixel 20 green
60	Pixel 20 Blue	0–255	Pixel 20 blue
61	Pixel 21 Red	0–255	Pixel 21 red
62	Pixel 21 Green	0–255	Pixel 21 green
63	Pixel 21 Blue	0–255	Pixel 21 blue
64	Pixel 22 Red	0–255	Pixel 22 red
65	Pixel 22 Green	0–255	Pixel 22 green
66	Pixel 22 Blue	0–255	Pixel 22 blue
67	Pixel 23 Red	0–255	Pixel 23 red

CH	Function	DMX value	Description
68	Pixel 23 Green	0–255	Pixel 23 green
69	Pixel 23 Blue	0–255	Pixel 23 blue
70	Pixel 24 Red	0–255	Pixel 24 red
71	Pixel 24 Green	0–255	Pixel 24 green
72	Pixel 24 Blue	0–255	Pixel 24 blue
73	Pixel 25 Red	0–255	Pixel 25 red
74	Pixel 25 Green	0–255	Pixel 25 green
75	Pixel 25 Blue	0–255	Pixel 25 blue
76	Pixel 26 Red	0–255	Pixel 26 red
77	Pixel 26 Green	0–255	Pixel 26 green
78	Pixel 26 Blue	0–255	Pixel 26 blue
79	Pixel 27 Red	0–255	Pixel 27 red
80	Pixel 27 Green	0–255	Pixel 27 green
81	Pixel 27 Blue	0–255	Pixel 27 blue
82	Pixel 28 Red	0–255	Pixel 28 red
83	Pixel 28 Green	0–255	Pixel 28 green
84	Pixel 28 Blue	0–255	Pixel 28 blue
85	Pixel 29 Red	0–255	Pixel 29 red
86	Pixel 29 Green	0–255	Pixel 29 green
87	Pixel 29 Blue	0–255	Pixel 29 blue
88	Pixel 30 Red	0–255	Pixel 30 red
89	Pixel 30 Green	0–255	Pixel 30 green
90	Pixel 30 Blue	0–255	Pixel 30 blue
91	Pixel 31 Red	0–255	Pixel 31 red
92	Pixel 31 Green	0–255	Pixel 31 green
93	Pixel 31 Blue	0–255	Pixel 31 blue
94	Pixel 32 Red	0–255	Pixel 32 red
95	Pixel 32 Green	0–255	Pixel 32 green
96	Pixel 32 Blue	0–255	Pixel 32 blue
97	Pixel 33 Red	0–255	Pixel 33 red
98	Pixel 33 Green	0–255	Pixel 33 green
99	Pixel 33 Blue	0–255	Pixel 33 blue
100	Pixel 34 Red	0–255	Pixel 34 red
101	Pixel 34 Green	0–255	Pixel 34 green
102	Pixel 34 Blue	0–255	Pixel 34 blue
103	Pixel 35 Red	0–255	Pixel 35 red
104	Pixel 35 Green	0–255	Pixel 35 green

CH	Function	DMX value	Description
105	Pixel 35 Blue	0–255	Pixel 35 blue
106	Pixel 36 Red	0–255	Pixel 36 red
107	Pixel 36 Green	0–255	Pixel 36 green
108	Pixel 36 Blue	0–255	Pixel 36 blue
109	Pixel 37 Red	0–255	Pixel 37 red
110	Pixel 37 Green	0–255	Pixel 37 green
111	Pixel 37 Blue	0–255	Pixel 37 blue
112	Pixel 38 Red	0–255	Pixel 38 red
113	Pixel 38 Green	0–255	Pixel 38 green
114	Pixel 38 Blue	0–255	Pixel 38 blue
115	Pixel 39 Red	0–255	Pixel 39 red
116	Pixel 39 Green	0–255	Pixel 39 green
117	Pixel 39 Blue	0–255	Pixel 39 blue
118	Pixel 40 Red	0–255	Pixel 40 red
119	Pixel 40 Green	0–255	Pixel 40 green
120	Pixel 40 Blue	0–255	Pixel 40 blue
121	Pixel 41 Red	0–255	Pixel 41 red
122	Pixel 41 Green	0–255	Pixel 41 green
123	Pixel 41 Blue	0–255	Pixel 41 blue
124	Pixel 42 Red	0–255	Pixel 42 red
125	Pixel 42 Green	0–255	Pixel 42 green
126	Pixel 42 Blue	0–255	Pixel 42 blue
127	Pixel 43 Red	0–255	Pixel 43 red
128	Pixel 43 Green	0–255	Pixel 43 green
129	Pixel 43 Blue	0–255	Pixel 43 blue
130	Pixel 44 Red	0–255	Pixel 44 red
131	Pixel 44 Green	0–255	Pixel 44 green
132	Pixel 44 Blue	0–255	Pixel 44 blue
133	Pixel 45 Red	0–255	Pixel 45 red
134	Pixel 45 Green	0–255	Pixel 45 green
135	Pixel 45 Blue	0–255	Pixel 45 blue
136	Pixel 46 Red	0–255	Pixel 46 red
137	Pixel 46 Green	0–255	Pixel 46 green
138	Pixel 46 Blue	0–255	Pixel 46 blue
139	Pixel 47 Red	0–255	Pixel 47 red
140	Pixel 47 Green	0–255	Pixel 47 green
141	Pixel 47 Blue	0–255	Pixel 47 blue

CH	Function	DMX value	Description
142	Pixel 48 Red	0–255	Pixel 48 red
143	Pixel 48 Green	0–255	Pixel 48 green
144	Pixel 48 Blue	0–255	Pixel 48 blue
145	Pixel 1 Warm White	0–255	Pixel 1 warm white
146	Pixel 1 Cool White	0–255	Pixel 1 cool white
147	Pixel 2 Warm White	0–255	Pixel 2 warm white
148	Pixel 2 Cool White	0–255	Pixel 2 cool white
149	Pixel 3 Warm White	0–255	Pixel 3 warm white
150	Pixel 3 Cool White	0–255	Pixel 3 cool white
151	Pixel 4 Warm White	0–255	Pixel 4 warm white
152	Pixel 4 Cool White	0–255	Pixel 4 cool white
153	Pixel 5 Warm White	0–255	Pixel 5 warm white
154	Pixel 5 Cool White	0–255	Pixel 5 cool white
155	Pixel 6 Warm White	0–255	Pixel 6 warm white
156	Pixel 6 Cool White	0–255	Pixel 6 cool white
157	Pixel 7 Warm White	0–255	Pixel 7 warm white
158	Pixel 7 Cool White	0–255	Pixel 7 cool white
159	Pixel 8 Warm White	0–255	Pixel 8 warm white
160	Pixel 8 Cool White	0–255	Pixel 8 cool white
161	Pixel 9 Warm White	0–255	Pixel 9 warm white
162	Pixel 9 Cool White	0–255	Pixel 9 cool white
163	Pixel 10 Warm White	0–255	Pixel 10 warm white
164	Pixel 10 Cool White	0–255	Pixel 10 cool white
165	Pixel 11 Warm White	0–255	Pixel 11 warm white
166	Pixel 11 Cool White	0–255	Pixel 11 cool white
167	Pixel 12 Warm White	0–255	Pixel 12 warm white
168	Pixel 12 Cool White	0–255	Pixel 12 cool white
169	Pixel 13 Warm White	0–255	Pixel 13 warm white
170	Pixel 13 Cool White	0–255	Pixel 13 cool white
171	Pixel 14 Warm White	0–255	Pixel 14 warm white
172	Pixel 14 Cool White	0–255	Pixel 14 cool white
173	Pixel 15 Warm White	0–255	Pixel 15 warm white
174	Pixel 15 Cool White	0–255	Pixel 15 cool white
175	Pixel 16 Warm White	0–255	Pixel 16 warm white
176	Pixel 16 Cool White	0–255	Pixel 16 cool white
177	Pixel 17 Warm White	0–255	Pixel 17 warm white
178	Pixel 17 Cool White	0–255	Pixel 17 cool white

CH	Function	DMX value	Description
179	Pixel 18 Warm White	0–255	Pixel 18 warm white
180	Pixel 18 Cool White	0–255	Pixel 18 cool white
181	Pixel 19 Warm White	0–255	Pixel 19 warm white
182	Pixel 19 Cool White	0–255	Pixel 19 cool white
183	Pixel 20 Warm White	0–255	Pixel 20 warm white
184	Pixel 20 Cool White	0–255	Pixel 20 cool white
185	Pixel 21 Warm White	0–255	Pixel 21 warm white
186	Pixel 21 Cool White	0–255	Pixel 21 cool white
187	Pixel 22 Warm White	0–255	Pixel 22 warm white
188	Pixel 22 Cool White	0–255	Pixel 22 cool white
189	Pixel 23 Warm White	0–255	Pixel 23 warm white
190	Pixel 23 Cool White	0–255	Pixel 23 cool white
191	Pixel 24 Warm White	0–255	Pixel 24 warm white
192	Pixel 24 Cool White	0–255	Pixel 24 cool white
193	Pixel 25 Warm White	0–255	Pixel 25 warm white
194	Pixel 25 Cool White	0–255	Pixel 25 cool white
195	Pixel 26 Warm White	0–255	Pixel 26 warm white
196	Pixel 26 Cool White	0–255	Pixel 26 cool white
197	Pixel 27 Warm White	0–255	Pixel 27 warm white
198	Pixel 27 Cool White	0–255	Pixel 27 cool white
199	Pixel 28 Warm White	0–255	Pixel 28 warm white
200	Pixel 28 Cool White	0–255	Pixel 28 cool white
201	Pixel 29 Warm White	0–255	Pixel 29 warm white
202	Pixel 29 Cool White	0–255	Pixel 29 cool white
203	Pixel 30 Warm White	0–255	Pixel 30 warm white
204	Pixel 30 Cool White	0–255	Pixel 30 cool white
205	Pixel 31 Warm White	0–255	Pixel 31 warm white
206	Pixel 31 Cool White	0–255	Pixel 31 cool white
207	Pixel 32 Warm White	0–255	Pixel 32 warm white
208	Pixel 32 Cool White	0–255	Pixel 32 cool white
209	Pixel 33 Warm White	0–255	Pixel 33 warm white
210	Pixel 33 Cool White	0–255	Pixel 33 cool white
211	Pixel 34 Warm White	0–255	Pixel 34 warm white
212	Pixel 34 Cool White	0–255	Pixel 34 cool white
213	Pixel 35 Warm White	0–255	Pixel 35 warm white
214	Pixel 35 Cool White	0–255	Pixel 35 cool white
215	Pixel 36 Warm White	0–255	Pixel 36 warm white

CH	Function	DMX value	Description
216	Pixel 36 Cool White	0–255	Pixel 36 cool white
217	Pixel 37 Warm White	0–255	Pixel 37 warm white
218	Pixel 37 Cool White	0–255	Pixel 37 cool white
219	Pixel 38 Warm White	0–255	Pixel 38 warm white
220	Pixel 38 Cool White	0–255	Pixel 38 cool white
221	Pixel 39 Warm White	0–255	Pixel 39 warm white
222	Pixel 39 Cool White	0–255	Pixel 39 cool white
223	Pixel 40 Warm White	0–255	Pixel 40 warm white
224	Pixel 40 Cool White	0–255	Pixel 40 cool white
225	Pixel 41 Warm White	0–255	Pixel 41 warm white
226	Pixel 41 Cool White	0–255	Pixel 41 cool white
227	Pixel 42 Warm White	0–255	Pixel 42 warm white
228	Pixel 42 Cool White	0–255	Pixel 42 cool white
229	Pixel 43 Warm White	0–255	Pixel 43 warm white
230	Pixel 43 Cool White	0–255	Pixel 43 cool white
231	Pixel 44 Warm White	0–255	Pixel 44 warm white
232	Pixel 44 Cool White	0–255	Pixel 44 cool white
233	Pixel 45 Warm White	0–255	Pixel 45 warm white
234	Pixel 45 Cool White	0–255	Pixel 45 cool white
235	Pixel 46 Warm White	0–255	Pixel 46 warm white
236	Pixel 46 Cool White	0–255	Pixel 46 cool white
237	Pixel 47 Warm White	0–255	Pixel 47 warm white
238	Pixel 47 Cool White	0–255	Pixel 47 cool white
239	Pixel 48 Warm White	0–255	Pixel 48 warm white
240	Pixel 48 Cool White	0–255	Pixel 48 cool white

5.4 159 Channel Mode (PIXEL 2)

CH	Function	DMX value	Description
1	Dimmer	0–255	Dimmer
2	Preset Color	0–10	No function
		11–255	Preset color, see Annex I for details
3	CCT	0–9	No function
		10	1800K
		25	2200K
		40	2700K
		55	3000K
		70	3200K

CH	Function	DMX value	Description
		85	4000K
		100	4500K
		115	5000K
		130	5600K
		145	6000K
		160	6500K
		175	7000K
		190	8000K
		205	10000K
		255	10000K
4	RGB Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
5	RGB Duration	0–255	RGB duration (14ms–650ms)
6	CW Dimmer	0–255	CW dimmer
7	Warm White	0–255	Warm white
8	Cool White	0–255	Cool white
9	CW Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
10	CW Duration	0–255	CW duration (14ms–650ms)
11	CW Static Pixel	0–10	No function
		11–255	Static pixel, see Annex 4 for details
12	CW Macros	0–10	No function
		11–255	Pixel effect, see Annex 5 for details
13	Auto Speed	0–255	Auto speed adjustment (slow → fast)
14	Frost	0–255	Frost 0–100%
15	Control	0–10	No function
		11–100	Reserved
		101–105	Studio
		106–110	Power

CH	Function	DMX value	Description
		111–115	Live
		116–120	Reserved
		121–125	Tungsten fade on
		126–130	Tungsten fade off
		131–185	Reserved
		186–190	Cell direction normal
		191–195	Cell direction flipped
		196–200	Reserved
		201–205	All reset
		206–250	Reserved
		251–255	No function
16	Pixel 1 Red	0–255	Pixel 1 red
17	Pixel 1 Green	0–255	Pixel 1 green
18	Pixel 1 Blue	0–255	Pixel 1 blue
19	Pixel 2 Red	0–255	Pixel 2 red
20	Pixel 2 Green	0–255	Pixel 2 green
21	Pixel 2 Blue	0–255	Pixel 2 blue
22	Pixel 3 Red	0–255	Pixel 3 red
23	Pixel 3 Green	0–255	Pixel 3 green
24	Pixel 3 Blue	0–255	Pixel 3 blue
25	Pixel 4 Red	0–255	Pixel 4 red
26	Pixel 4 Green	0–255	Pixel 4 green
27	Pixel 4 Blue	0–255	Pixel 4 blue
28	Pixel 5 Red	0–255	Pixel 5 red
29	Pixel 5 Green	0–255	Pixel 5 green
30	Pixel 5 Blue	0–255	Pixel 5 blue
31	Pixel 6 Red	0–255	Pixel 6 red
32	Pixel 6 Green	0–255	Pixel 6 green
33	Pixel 6 Blue	0–255	Pixel 6 blue
34	Pixel 7 Red	0–255	Pixel 7 red
35	Pixel 7 Green	0–255	Pixel 7 green
36	Pixel 7 Blue	0–255	Pixel 7 blue
37	Pixel 8 Red	0–255	Pixel 8 red
38	Pixel 8 Green	0–255	Pixel 8 green
39	Pixel 8 Blue	0–255	Pixel 8 blue
40	Pixel 9 Red	0–255	Pixel 9 red
41	Pixel 9 Green	0–255	Pixel 9 green

CH	Function	DMX value	Description
42	Pixel 9 Blue	0–255	Pixel 9 blue
43	Pixel 10 Red	0–255	Pixel 10 red
44	Pixel 10 Green	0–255	Pixel 10 green
45	Pixel 10 Blue	0–255	Pixel 10 blue
46	Pixel 11 Red	0–255	Pixel 11 red
47	Pixel 11 Green	0–255	Pixel 11 green
48	Pixel 11 Blue	0–255	Pixel 11 blue
49	Pixel 12 Red	0–255	Pixel 12 red
50	Pixel 12 Green	0–255	Pixel 12 green
51	Pixel 12 Blue	0–255	Pixel 12 blue
52	Pixel 13 Red	0–255	Pixel 13 red
53	Pixel 13 Green	0–255	Pixel 13 green
54	Pixel 13 Blue	0–255	Pixel 13 blue
55	Pixel 14 Red	0–255	Pixel 14 red
56	Pixel 14 Green	0–255	Pixel 14 green
57	Pixel 14 Blue	0–255	Pixel 14 blue
58	Pixel 15 Red	0–255	Pixel 15 red
59	Pixel 15 Green	0–255	Pixel 15 green
60	Pixel 15 Blue	0–255	Pixel 15 blue
61	Pixel 16 Red	0–255	Pixel 16 red
62	Pixel 16 Green	0–255	Pixel 16 green
63	Pixel 16 Blue	0–255	Pixel 16 blue
64	Pixel 17 Red	0–255	Pixel 17 red
65	Pixel 17 Green	0–255	Pixel 17 green
66	Pixel 17 Blue	0–255	Pixel 17 blue
67	Pixel 18 Red	0–255	Pixel 18 red
68	Pixel 18 Green	0–255	Pixel 18 green
69	Pixel 18 Blue	0–255	Pixel 18 blue
70	Pixel 19 Red	0–255	Pixel 19 red
71	Pixel 19 Green	0–255	Pixel 19 green
72	Pixel 19 Blue	0–255	Pixel 19 blue
73	Pixel 20 Red	0–255	Pixel 20 red
74	Pixel 20 Green	0–255	Pixel 20 green
75	Pixel 20 Blue	0–255	Pixel 20 blue
76	Pixel 21 Red	0–255	Pixel 21 red
77	Pixel 21 Green	0–255	Pixel 21 green
78	Pixel 21 Blue	0–255	Pixel 21 blue

CH	Function	DMX value	Description
79	Pixel 22 Red	0–255	Pixel 22 red
80	Pixel 22 Green	0–255	Pixel 22 green
81	Pixel 22 Blue	0–255	Pixel 22 blue
82	Pixel 23 Red	0–255	Pixel 23 red
83	Pixel 23 Green	0–255	Pixel 23 green
84	Pixel 23 Blue	0–255	Pixel 23 blue
85	Pixel 24 Red	0–255	Pixel 24 red
86	Pixel 24 Green	0–255	Pixel 24 green
87	Pixel 24 Blue	0–255	Pixel 24 blue
88	Pixel 25 Red	0–255	Pixel 25 red
89	Pixel 25 Green	0–255	Pixel 25 green
90	Pixel 25 Blue	0–255	Pixel 25 blue
91	Pixel 26 Red	0–255	Pixel 26 red
92	Pixel 26 Green	0–255	Pixel 26 green
93	Pixel 26 Blue	0–255	Pixel 26 blue
94	Pixel 27 Red	0–255	Pixel 27 red
95	Pixel 27 Green	0–255	Pixel 27 green
96	Pixel 27 Blue	0–255	Pixel 27 blue
97	Pixel 28 Red	0–255	Pixel 28 red
98	Pixel 28 Green	0–255	Pixel 28 green
99	Pixel 28 Blue	0–255	Pixel 28 blue
100	Pixel 29 Red	0–255	Pixel 29 red
101	Pixel 29 Green	0–255	Pixel 29 green
102	Pixel 29 Blue	0–255	Pixel 29 blue
103	Pixel 30 Red	0–255	Pixel 30 red
104	Pixel 30 Green	0–255	Pixel 30 green
105	Pixel 30 Blue	0–255	Pixel 30 blue
106	Pixel 31 Red	0–255	Pixel 31 red
107	Pixel 31 Green	0–255	Pixel 31 green
108	Pixel 31 Blue	0–255	Pixel 31 blue
109	Pixel 32 Red	0–255	Pixel 32 red
110	Pixel 32 Green	0–255	Pixel 32 green
111	Pixel 32 Blue	0–255	Pixel 32 blue
112	Pixel 33 Red	0–255	Pixel 33 red
113	Pixel 33 Green	0–255	Pixel 33 green
114	Pixel 33 Blue	0–255	Pixel 33 blue
115	Pixel 34 Red	0–255	Pixel 34 red

CH	Function	DMX value	Description
116	Pixel 34 Green	0–255	Pixel 34 green
117	Pixel 34 Blue	0–255	Pixel 34 blue
118	Pixel 35 Red	0–255	Pixel 35 red
119	Pixel 35 Green	0–255	Pixel 35 green
120	Pixel 35 Blue	0–255	Pixel 35 blue
121	Pixel 36 Red	0–255	Pixel 36 red
122	Pixel 36 Green	0–255	Pixel 36 green
123	Pixel 36 Blue	0–255	Pixel 36 blue
124	Pixel 37 Red	0–255	Pixel 37 red
125	Pixel 37 Green	0–255	Pixel 37 green
126	Pixel 37 Blue	0–255	Pixel 37 blue
127	Pixel 38 Red	0–255	Pixel 38 red
128	Pixel 38 Green	0–255	Pixel 38 green
129	Pixel 38 Blue	0–255	Pixel 38 blue
130	Pixel 39 Red	0–255	Pixel 39 red
131	Pixel 39 Green	0–255	Pixel 39 green
132	Pixel 39 Blue	0–255	Pixel 39 blue
133	Pixel 40 Red	0–255	Pixel 40 red
134	Pixel 40 Green	0–255	Pixel 40 green
135	Pixel 40 Blue	0–255	Pixel 40 blue
136	Pixel 41 Red	0–255	Pixel 41 red
137	Pixel 41 Green	0–255	Pixel 41 green
138	Pixel 41 Blue	0–255	Pixel 41 blue
139	Pixel 42 Red	0–255	Pixel 42 red
140	Pixel 42 Green	0–255	Pixel 42 green
141	Pixel 42 Blue	0–255	Pixel 42 blue
142	Pixel 43 Red	0–255	Pixel 43 red
143	Pixel 43 Green	0–255	Pixel 43 green
144	Pixel 43 Blue	0–255	Pixel 43 blue
145	Pixel 44 Red	0–255	Pixel 44 red
146	Pixel 44 Green	0–255	Pixel 44 green
147	Pixel 44 Blue	0–255	Pixel 44 blue
148	Pixel 45 Red	0–255	Pixel 45 red
149	Pixel 45 Green	0–255	Pixel 45 green
150	Pixel 45 Blue	0–255	Pixel 45 blue
151	Pixel 46 Red	0–255	Pixel 46 red
152	Pixel 46 Green	0–255	Pixel 46 green

CH	Function	DMX value	Description
153	Pixel 46 Blue	0–255	Pixel 46 blue
154	Pixel 47 Red	0–255	Pixel 47 red
155	Pixel 47 Green	0–255	Pixel 47 green
156	Pixel 47 Blue	0–255	Pixel 47 blue
157	Pixel 48 Red	0–255	Pixel 48 red
158	Pixel 48 Green	0–255	Pixel 48 green
159	Pixel 48 Blue	0–255	Pixel 48 blue

5.5 130 Channel Mode (PIXEL 1 FULL)

CH	Function	DMX value	Description
1	Dimmer	0–255	Dimmer
2	Preset Color	0–10	No function
		11–255	Preset color, see Annex I for details
3	CCT	0–9	No function
		10	1800K
		25	2200K
		40	2700K
		55	3000K
		70	3200K
		85	4000K
		100	4500K
		115	5000K
		130	5600K
		145	6000K
		160	6500K
		175	7000K
		190	8000K
		205	10000K
		255	10000K
4	RGB Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
5	RGB Duration	0–255	RGB duration (14ms–650ms)
6	CW Dimmer	0–255	CW dimmer

CH	Function	DMX value	Description
7	CW Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
8	CW Duration	0–255	CW duration (14ms–650ms)
9	Frost	0–255	Frost 0–100%
10	Control	0–10	No function
		11–100	Reserved
		101–105	Studio
		106–110	Power
		111–115	Live
		116–120	Reserved
		121–125	Tungsten fade on
		126–130	Tungsten fade off
		131–185	Reserved
		186–190	Cell direction normal
		191–195	Cell direction flipped
		196–200	Reserved
		201–205	All reset
		206–250	Reserved
		251–255	No function
11	Pixel 1 Red	0–255	Pixel 1 red
12	Pixel 1 Green	0–255	Pixel 1 green
13	Pixel 1 Blue	0–255	Pixel 1 blue
14	Pixel 2 Red	0–255	Pixel 2 red
15	Pixel 2 Green	0–255	Pixel 2 green
16	Pixel 2 Blue	0–255	Pixel 2 blue
17	Pixel 3 Red	0–255	Pixel 3 red
18	Pixel 3 Green	0–255	Pixel 3 green
19	Pixel 3 Blue	0–255	Pixel 3 blue
20	Pixel 4 Red	0–255	Pixel 4 red
21	Pixel 4 Green	0–255	Pixel 4 green
22	Pixel 4 Blue	0–255	Pixel 4 blue
23	Pixel 5 Red	0–255	Pixel 5 red
24	Pixel 5 Green	0–255	Pixel 5 green

CH	Function	DMX value	Description
25	Pixel 5 Blue	0–255	Pixel 5 blue
26	Pixel 6 Red	0–255	Pixel 6 red
27	Pixel 6 Green	0–255	Pixel 6 green
28	Pixel 6 Blue	0–255	Pixel 6 blue
29	Pixel 7 Red	0–255	Pixel 7 red
30	Pixel 7 Green	0–255	Pixel 7 green
31	Pixel 7 Blue	0–255	Pixel 7 blue
32	Pixel 8 Red	0–255	Pixel 8 red
33	Pixel 8 Green	0–255	Pixel 8 green
34	Pixel 8 Blue	0–255	Pixel 8 blue
35	Pixel 9 Red	0–255	Pixel 9 red
36	Pixel 9 Green	0–255	Pixel 9 green
37	Pixel 9 Blue	0–255	Pixel 9 blue
38	Pixel 10 Red	0–255	Pixel 10 red
39	Pixel 10 Green	0–255	Pixel 10 green
40	Pixel 10 Blue	0–255	Pixel 10 blue
41	Pixel 11 Red	0–255	Pixel 11 red
42	Pixel 11 Green	0–255	Pixel 11 green
43	Pixel 11 Blue	0–255	Pixel 11 blue
44	Pixel 12 Red	0–255	Pixel 12 red
45	Pixel 12 Green	0–255	Pixel 12 green
46	Pixel 12 Blue	0–255	Pixel 12 blue
47	Pixel 13 Red	0–255	Pixel 13 red
48	Pixel 13 Green	0–255	Pixel 13 green
49	Pixel 13 Blue	0–255	Pixel 13 blue
50	Pixel 14 Red	0–255	Pixel 14 red
51	Pixel 14 Green	0–255	Pixel 14 green
52	Pixel 14 Blue	0–255	Pixel 14 blue
53	Pixel 15 Red	0–255	Pixel 15 red
54	Pixel 15 Green	0–255	Pixel 15 green
55	Pixel 15 Blue	0–255	Pixel 15 blue
56	Pixel 16 Red	0–255	Pixel 16 red
57	Pixel 16 Green	0–255	Pixel 16 green
58	Pixel 16 Blue	0–255	Pixel 16 blue
59	Pixel 17 Red	0–255	Pixel 17 red
60	Pixel 17 Green	0–255	Pixel 17 green
61	Pixel 17 Blue	0–255	Pixel 17 blue

CH	Function	DMX value	Description
62	Pixel 18 Red	0–255	Pixel 18 red
63	Pixel 18 Green	0–255	Pixel 18 green
64	Pixel 18 Blue	0–255	Pixel 18 blue
65	Pixel 19 Red	0–255	Pixel 19 red
66	Pixel 19 Green	0–255	Pixel 19 green
67	Pixel 19 Blue	0–255	Pixel 19 blue
68	Pixel 20 Red	0–255	Pixel 20 red
69	Pixel 20 Green	0–255	Pixel 20 green
70	Pixel 20 Blue	0–255	Pixel 20 blue
71	Pixel 21 Red	0–255	Pixel 21 red
72	Pixel 21 Green	0–255	Pixel 21 green
73	Pixel 21 Blue	0–255	Pixel 21 blue
74	Pixel 22 Red	0–255	Pixel 22 red
75	Pixel 22 Green	0–255	Pixel 22 green
76	Pixel 22 Blue	0–255	Pixel 22 blue
77	Pixel 23 Red	0–255	Pixel 23 red
78	Pixel 23 Green	0–255	Pixel 23 green
79	Pixel 23 Blue	0–255	Pixel 23 blue
80	Pixel 24 Red	0–255	Pixel 24 red
81	Pixel 24 Green	0–255	Pixel 24 green
82	Pixel 24 Blue	0–255	Pixel 24 blue
83	Pixel 1 Warm White	0–255	Pixel 1 warm white
84	Pixel 1 Cool White	0–255	Pixel 1 cool white
85	Pixel 2 Warm White	0–255	Pixel 2 warm white
86	Pixel 2 Cool White	0–255	Pixel 2 cool white
87	Pixel 3 Warm White	0–255	Pixel 3 warm white
88	Pixel 3 Cool White	0–255	Pixel 3 cool white
89	Pixel 4 Warm White	0–255	Pixel 4 warm white
90	Pixel 4 Cool White	0–255	Pixel 4 cool white
91	Pixel 5 Warm White	0–255	Pixel 5 warm white
92	Pixel 5 Cool White	0–255	Pixel 5 cool white
93	Pixel 6 Warm White	0–255	Pixel 6 warm white
94	Pixel 6 Cool White	0–255	Pixel 6 cool white
95	Pixel 7 Warm White	0–255	Pixel 7 warm white
96	Pixel 7 Cool White	0–255	Pixel 7 cool white
97	Pixel 8 Warm White	0–255	Pixel 8 warm white
98	Pixel 8 Cool White	0–255	Pixel 8 cool white

CH	Function	DMX value	Description
99	Pixel 9 Warm White	0–255	Pixel 9 warm white
100	Pixel 9 Cool White	0–255	Pixel 9 cool white
101	Pixel 10 Warm White	0–255	Pixel 10 warm white
102	Pixel 10 Cool White	0–255	Pixel 10 cool white
103	Pixel 11 Warm White	0–255	Pixel 11 warm white
104	Pixel 11 Cool White	0–255	Pixel 11 cool white
105	Pixel 12 Warm White	0–255	Pixel 12 warm white
106	Pixel 12 Cool White	0–255	Pixel 12 cool white
107	Pixel 13 Warm White	0–255	Pixel 13 warm white
108	Pixel 13 Cool White	0–255	Pixel 13 cool white
109	Pixel 14 Warm White	0–255	Pixel 14 warm white
110	Pixel 14 Cool White	0–255	Pixel 14 cool white
111	Pixel 15 Warm White	0–255	Pixel 15 warm white
112	Pixel 15 Cool White	0–255	Pixel 15 cool white
113	Pixel 16 Warm White	0–255	Pixel 16 warm white
114	Pixel 16 Cool White	0–255	Pixel 16 cool white
115	Pixel 17 Warm White	0–255	Pixel 17 warm white
116	Pixel 17 Cool White	0–255	Pixel 17 cool white
117	Pixel 18 Warm White	0–255	Pixel 18 warm white
118	Pixel 18 Cool White	0–255	Pixel 18 cool white
119	Pixel 19 Warm White	0–255	Pixel 19 warm white
120	Pixel 19 Cool White	0–255	Pixel 19 cool white
121	Pixel 20 Warm White	0–255	Pixel 20 warm white
122	Pixel 20 Cool White	0–255	Pixel 20 cool white
123	Pixel 21 Warm White	0–255	Pixel 21 warm white
124	Pixel 21 Cool White	0–255	Pixel 21 cool white
125	Pixel 22 Warm White	0–255	Pixel 22 warm white
126	Pixel 22 Cool White	0–255	Pixel 22 cool white
127	Pixel 23 Warm White	0–255	Pixel 23 warm white
128	Pixel 23 Cool White	0–255	Pixel 23 cool white
129	Pixel 24 Warm White	0–255	Pixel 24 warm white
130	Pixel 24 Cool White	0–255	Pixel 24 cool white

5.6 250 Channel Mode (PIXEL 2 FULL)

CH	Function	DMX value	Description
1	Dimmer	0–255	Dimmer
2	Preset Color	0–10	No function

CH	Function	DMX value	Description
		11–255	Preset color, see Annex I for details
3	CCT	0–9	No function
		10	1800K
		25	2200K
		40	2700K
		55	3000K
		70	3200K
		85	4000K
		100	4500K
		115	5000K
		130	5600K
		145	6000K
		160	6500K
		175	7000K
		190	8000K
		205	10000K
		255	10000K
4	RGB Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
5	RGB Duration	0–255	RGB duration (14ms–650ms)
6	CW Dimmer	0–255	CW dimmer
7	CW Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
8	CW Duration	0–255	CW duration (14ms–650ms)
9	Frost	0–255	Frost 0–100%
10	Control	0–10	No function
		11–100	Reserved
		101–105	Studio
		106–110	Power

CH	Function	DMX value	Description
		111–115	Live
		116–120	Reserved
		121–125	Tungsten fade on
		126–130	Tungsten fade off
		131–185	Reserved
		186–190	Cell direction normal
		191–195	Cell direction flipped
		196–200	Reserved
		201–205	All reset
		206–250	Reserved
		251–255	No function
11	Pixel 1 Red	0–255	Pixel 1 red
12	Pixel 1 Green	0–255	Pixel 1 green
13	Pixel 1 Blue	0–255	Pixel 1 blue
14	Pixel 2 Red	0–255	Pixel 2 red
15	Pixel 2 Green	0–255	Pixel 2 green
16	Pixel 2 Blue	0–255	Pixel 2 blue
17	Pixel 3 Red	0–255	Pixel 3 red
18	Pixel 3 Green	0–255	Pixel 3 green
19	Pixel 3 Blue	0–255	Pixel 3 blue
20	Pixel 4 Red	0–255	Pixel 4 red
21	Pixel 4 Green	0–255	Pixel 4 green
22	Pixel 4 Blue	0–255	Pixel 4 blue
23	Pixel 5 Red	0–255	Pixel 5 red
24	Pixel 5 Green	0–255	Pixel 5 green
25	Pixel 5 Blue	0–255	Pixel 5 blue
26	Pixel 6 Red	0–255	Pixel 6 red
27	Pixel 6 Green	0–255	Pixel 6 green
28	Pixel 6 Blue	0–255	Pixel 6 blue
29	Pixel 7 Red	0–255	Pixel 7 red
30	Pixel 7 Green	0–255	Pixel 7 green
31	Pixel 7 Blue	0–255	Pixel 7 blue
32	Pixel 8 Red	0–255	Pixel 8 red
33	Pixel 8 Green	0–255	Pixel 8 green
34	Pixel 8 Blue	0–255	Pixel 8 blue
35	Pixel 9 Red	0–255	Pixel 9 red
36	Pixel 9 Green	0–255	Pixel 9 green

CH	Function	DMX value	Description
37	Pixel 9 Blue	0–255	Pixel 9 blue
38	Pixel 10 Red	0–255	Pixel 10 red
39	Pixel 10 Green	0–255	Pixel 10 green
40	Pixel 10 Blue	0–255	Pixel 10 blue
41	Pixel 11 Red	0–255	Pixel 11 red
42	Pixel 11 Green	0–255	Pixel 11 green
43	Pixel 11 Blue	0–255	Pixel 11 blue
44	Pixel 12 Red	0–255	Pixel 12 red
45	Pixel 12 Green	0–255	Pixel 12 green
46	Pixel 12 Blue	0–255	Pixel 12 blue
47	Pixel 13 Red	0–255	Pixel 13 red
48	Pixel 13 Green	0–255	Pixel 13 green
49	Pixel 13 Blue	0–255	Pixel 13 blue
50	Pixel 14 Red	0–255	Pixel 14 red
51	Pixel 14 Green	0–255	Pixel 14 green
52	Pixel 14 Blue	0–255	Pixel 14 blue
53	Pixel 15 Red	0–255	Pixel 15 red
54	Pixel 15 Green	0–255	Pixel 15 green
55	Pixel 15 Blue	0–255	Pixel 15 blue
56	Pixel 16 Red	0–255	Pixel 16 red
57	Pixel 16 Green	0–255	Pixel 16 green
58	Pixel 16 Blue	0–255	Pixel 16 blue
59	Pixel 17 Red	0–255	Pixel 17 red
60	Pixel 17 Green	0–255	Pixel 17 green
61	Pixel 17 Blue	0–255	Pixel 17 blue
62	Pixel 18 Red	0–255	Pixel 18 red
63	Pixel 18 Green	0–255	Pixel 18 green
64	Pixel 18 Blue	0–255	Pixel 18 blue
65	Pixel 19 Red	0–255	Pixel 19 red
66	Pixel 19 Green	0–255	Pixel 19 green
67	Pixel 19 Blue	0–255	Pixel 19 blue
68	Pixel 20 Red	0–255	Pixel 20 red
69	Pixel 20 Green	0–255	Pixel 20 green
70	Pixel 20 Blue	0–255	Pixel 20 blue
71	Pixel 21 Red	0–255	Pixel 21 red
72	Pixel 21 Green	0–255	Pixel 21 green
73	Pixel 21 Blue	0–255	Pixel 21 blue

CH	Function	DMX value	Description
74	Pixel 22 Red	0–255	Pixel 22 red
75	Pixel 22 Green	0–255	Pixel 22 green
76	Pixel 22 Blue	0–255	Pixel 22 blue
77	Pixel 23 Red	0–255	Pixel 23 red
78	Pixel 23 Green	0–255	Pixel 23 green
79	Pixel 23 Blue	0–255	Pixel 23 blue
80	Pixel 24 Red	0–255	Pixel 24 red
81	Pixel 24 Green	0–255	Pixel 24 green
82	Pixel 24 Blue	0–255	Pixel 24 blue
83	Pixel 25 Red	0–255	Pixel 25 red
84	Pixel 25 Green	0–255	Pixel 25 green
85	Pixel 25 Blue	0–255	Pixel 25 blue
86	Pixel 26 Red	0–255	Pixel 26 red
87	Pixel 26 Green	0–255	Pixel 26 green
88	Pixel 26 Blue	0–255	Pixel 26 blue
89	Pixel 27 Red	0–255	Pixel 27 red
90	Pixel 27 Green	0–255	Pixel 27 green
91	Pixel 27 Blue	0–255	Pixel 27 blue
92	Pixel 28 Red	0–255	Pixel 28 red
93	Pixel 28 Green	0–255	Pixel 28 green
94	Pixel 28 Blue	0–255	Pixel 28 blue
95	Pixel 29 Red	0–255	Pixel 29 red
96	Pixel 29 Green	0–255	Pixel 29 green
97	Pixel 29 Blue	0–255	Pixel 29 blue
98	Pixel 30 Red	0–255	Pixel 30 red
99	Pixel 30 Green	0–255	Pixel 30 green
100	Pixel 30 Blue	0–255	Pixel 30 blue
101	Pixel 31 Red	0–255	Pixel 31 red
102	Pixel 31 Green	0–255	Pixel 31 green
103	Pixel 31 Blue	0–255	Pixel 31 blue
104	Pixel 32 Red	0–255	Pixel 32 red
105	Pixel 32 Green	0–255	Pixel 32 green
106	Pixel 32 Blue	0–255	Pixel 32 blue
107	Pixel 33 Red	0–255	Pixel 33 red
108	Pixel 33 Green	0–255	Pixel 33 green
109	Pixel 33 Blue	0–255	Pixel 33 blue
110	Pixel 34 Red	0–255	Pixel 34 red

CH	Function	DMX value	Description
111	Pixel 34 Green	0–255	Pixel 34 green
112	Pixel 34 Blue	0–255	Pixel 34 blue
113	Pixel 35 Red	0–255	Pixel 35 red
114	Pixel 35 Green	0–255	Pixel 35 green
115	Pixel 35 Blue	0–255	Pixel 35 blue
116	Pixel 36 Red	0–255	Pixel 36 red
117	Pixel 36 Green	0–255	Pixel 36 green
118	Pixel 36 Blue	0–255	Pixel 36 blue
119	Pixel 37 Red	0–255	Pixel 37 red
120	Pixel 37 Green	0–255	Pixel 37 green
121	Pixel 37 Blue	0–255	Pixel 37 blue
122	Pixel 38 Red	0–255	Pixel 38 red
123	Pixel 38 Green	0–255	Pixel 38 green
124	Pixel 38 Blue	0–255	Pixel 38 blue
125	Pixel 39 Red	0–255	Pixel 39 red
126	Pixel 39 Green	0–255	Pixel 39 green
127	Pixel 39 Blue	0–255	Pixel 39 blue
128	Pixel 40 Red	0–255	Pixel 40 red
129	Pixel 40 Green	0–255	Pixel 40 green
130	Pixel 40 Blue	0–255	Pixel 40 blue
131	Pixel 41 Red	0–255	Pixel 41 red
132	Pixel 41 Green	0–255	Pixel 41 green
133	Pixel 41 Blue	0–255	Pixel 41 blue
134	Pixel 42 Red	0–255	Pixel 42 red
135	Pixel 42 Green	0–255	Pixel 42 green
136	Pixel 42 Blue	0–255	Pixel 42 blue
137	Pixel 43 Red	0–255	Pixel 43 red
138	Pixel 43 Green	0–255	Pixel 43 green
139	Pixel 43 Blue	0–255	Pixel 43 blue
140	Pixel 44 Red	0–255	Pixel 44 red
141	Pixel 44 Green	0–255	Pixel 44 green
142	Pixel 44 Blue	0–255	Pixel 44 blue
143	Pixel 45 Red	0–255	Pixel 45 red
144	Pixel 45 Green	0–255	Pixel 45 green
145	Pixel 45 Blue	0–255	Pixel 45 blue
146	Pixel 46 Red	0–255	Pixel 46 red
147	Pixel 46 Green	0–255	Pixel 46 green

CH	Function	DMX value	Description
148	Pixel 46 Blue	0–255	Pixel 46 blue
149	Pixel 47 Red	0–255	Pixel 47 red
150	Pixel 47 Green	0–255	Pixel 47 green
151	Pixel 47 Blue	0–255	Pixel 47 blue
152	Pixel 48 Red	0–255	Pixel 48 red
153	Pixel 48 Green	0–255	Pixel 48 green
154	Pixel 48 Blue	0–255	Pixel 48 blue
155	Pixel 1 Warm White	0–255	Pixel 1 warm white
156	Pixel 1 Cool White	0–255	Pixel 1 cool white
157	Pixel 2 Warm White	0–255	Pixel 2 warm white
158	Pixel 2 Cool White	0–255	Pixel 2 cool white
159	Pixel 3 Warm White	0–255	Pixel 3 warm white
160	Pixel 3 Cool White	0–255	Pixel 3 cool white
161	Pixel 4 Warm White	0–255	Pixel 4 warm white
162	Pixel 4 Cool White	0–255	Pixel 4 cool white
163	Pixel 5 Warm White	0–255	Pixel 5 warm white
164	Pixel 5 Cool White	0–255	Pixel 5 cool white
165	Pixel 6 Warm White	0–255	Pixel 6 warm white
166	Pixel 6 Cool White	0–255	Pixel 6 cool white
167	Pixel 7 Warm White	0–255	Pixel 7 warm white
168	Pixel 7 Cool White	0–255	Pixel 7 cool white
169	Pixel 8 Warm White	0–255	Pixel 8 warm white
170	Pixel 8 Cool White	0–255	Pixel 8 cool white
171	Pixel 9 Warm White	0–255	Pixel 9 warm white
172	Pixel 9 Cool White	0–255	Pixel 9 cool white
173	Pixel 10 Warm White	0–255	Pixel 10 warm white
174	Pixel 10 Cool White	0–255	Pixel 10 cool white
175	Pixel 11 Warm White	0–255	Pixel 11 warm white
176	Pixel 11 Cool White	0–255	Pixel 11 cool white
177	Pixel 12 Warm White	0–255	Pixel 12 warm white
178	Pixel 12 Cool White	0–255	Pixel 12 cool white
179	Pixel 13 Warm White	0–255	Pixel 13 warm white
180	Pixel 13 Cool White	0–255	Pixel 13 cool white
181	Pixel 14 Warm White	0–255	Pixel 14 warm white
182	Pixel 14 Cool White	0–255	Pixel 14 cool white
183	Pixel 15 Warm White	0–255	Pixel 15 warm white
184	Pixel 15 Cool White	0–255	Pixel 15 cool white

CH	Function	DMX value	Description
185	Pixel 16 Warm White	0–255	Pixel 16 warm white
186	Pixel 16 Cool White	0–255	Pixel 16 cool white
187	Pixel 17 Warm White	0–255	Pixel 17 warm white
188	Pixel 17 Cool White	0–255	Pixel 17 cool white
189	Pixel 18 Warm White	0–255	Pixel 18 warm white
190	Pixel 18 Cool White	0–255	Pixel 18 cool white
191	Pixel 19 Warm White	0–255	Pixel 19 warm white
192	Pixel 19 Cool White	0–255	Pixel 19 cool white
193	Pixel 20 Warm White	0–255	Pixel 20 warm white
194	Pixel 20 Cool White	0–255	Pixel 20 cool white
195	Pixel 21 Warm White	0–255	Pixel 21 warm white
196	Pixel 21 Cool White	0–255	Pixel 21 cool white
197	Pixel 22 Warm White	0–255	Pixel 22 warm white
198	Pixel 22 Cool White	0–255	Pixel 22 cool white
199	Pixel 23 Warm White	0–255	Pixel 23 warm white
200	Pixel 23 Cool White	0–255	Pixel 23 cool white
201	Pixel 24 Warm White	0–255	Pixel 24 warm white
202	Pixel 24 Cool White	0–255	Pixel 24 cool white
203	Pixel 25 Warm White	0–255	Pixel 25 warm white
204	Pixel 25 Cool White	0–255	Pixel 25 cool white
205	Pixel 26 Warm White	0–255	Pixel 26 warm white
206	Pixel 26 Cool White	0–255	Pixel 26 cool white
207	Pixel 27 Warm White	0–255	Pixel 27 warm white
208	Pixel 27 Cool White	0–255	Pixel 27 cool white
209	Pixel 28 Warm White	0–255	Pixel 28 warm white
210	Pixel 28 Cool White	0–255	Pixel 28 cool white
211	Pixel 29 Warm White	0–255	Pixel 29 warm white
212	Pixel 29 Cool White	0–255	Pixel 29 cool white
213	Pixel 30 Warm White	0–255	Pixel 30 warm white
214	Pixel 30 Cool White	0–255	Pixel 30 cool white
215	Pixel 31 Warm White	0–255	Pixel 31 warm white
216	Pixel 31 Cool White	0–255	Pixel 31 cool white
217	Pixel 32 Warm White	0–255	Pixel 32 warm white
218	Pixel 32 Cool White	0–255	Pixel 32 cool white
219	Pixel 33 Warm White	0–255	Pixel 33 warm white
220	Pixel 33 Cool White	0–255	Pixel 33 cool white
221	Pixel 34 Warm White	0–255	Pixel 34 warm white

CH	Function	DMX value	Description
222	Pixel 34 Cool White	0–255	Pixel 34 cool white
223	Pixel 35 Warm White	0–255	Pixel 35 warm white
224	Pixel 35 Cool White	0–255	Pixel 35 cool white
225	Pixel 36 Warm White	0–255	Pixel 36 warm white
226	Pixel 36 Cool White	0–255	Pixel 36 cool white
227	Pixel 37 Warm White	0–255	Pixel 37 warm white
228	Pixel 37 Cool White	0–255	Pixel 37 cool white
229	Pixel 38 Warm White	0–255	Pixel 38 warm white
230	Pixel 38 Cool White	0–255	Pixel 38 cool white
231	Pixel 39 Warm White	0–255	Pixel 39 warm white
232	Pixel 39 Cool White	0–255	Pixel 39 cool white
233	Pixel 40 Warm White	0–255	Pixel 40 warm white
234	Pixel 40 Cool White	0–255	Pixel 40 cool white
235	Pixel 41 Warm White	0–255	Pixel 41 warm white
236	Pixel 41 Cool White	0–255	Pixel 41 cool white
237	Pixel 42 Warm White	0–255	Pixel 42 warm white
238	Pixel 42 Cool White	0–255	Pixel 42 cool white
239	Pixel 43 Warm White	0–255	Pixel 43 warm white
240	Pixel 43 Cool White	0–255	Pixel 43 cool white
241	Pixel 44 Warm White	0–255	Pixel 44 warm white
242	Pixel 44 Cool White	0–255	Pixel 44 cool white
243	Pixel 45 Warm White	0–255	Pixel 45 warm white
244	Pixel 45 Cool White	0–255	Pixel 45 cool white
245	Pixel 46 Warm White	0–255	Pixel 46 warm white
246	Pixel 46 Cool White	0–255	Pixel 46 cool white
247	Pixel 47 Warm White	0–255	Pixel 47 warm white
248	Pixel 47 Cool White	0–255	Pixel 47 cool white
249	Pixel 48 Warm White	0–255	Pixel 48 warm white
250	Pixel 48 Cool White	0–255	Pixel 48 cool white

5.7 65 Channel Mode (PIXEL 3)

CH	Function	DMX value	Description
1	Dimmer	0–255	Dimmer
2	RGB Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe

CH	Function	DMX value	Description
		180–189	No function
		190–255	Random strobe
3	CW Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
4	Frost	0–255	Frost 0–100%
5	Control	0–10	No function
		11–100	Reserved
		101–105	Studio
		106–110	Power
		111–115	Live
		116–120	Reserved
		121–125	Tungsten fade on
		126–130	Tungsten fade off
		131–185	Reserved
		186–190	Cell direction normal
		191–195	Cell direction flipped
		196–200	Reserved
		201–205	All reset
		206–250	Reserved
		251–255	No function
6	Pixel 1 Red	0–255	Pixel 1 red
7	Pixel 1 Green	0–255	Pixel 1 green
8	Pixel 1 Blue	0–255	Pixel 1 blue
9	Pixel 2 Red	0–255	Pixel 2 red
10	Pixel 2 Green	0–255	Pixel 2 green
11	Pixel 2 Blue	0–255	Pixel 2 blue
12	Pixel 3 Red	0–255	Pixel 3 red
13	Pixel 3 Green	0–255	Pixel 3 green
14	Pixel 3 Blue	0–255	Pixel 3 blue
15	Pixel 4 Red	0–255	Pixel 4 red
16	Pixel 4 Green	0–255	Pixel 4 green
17	Pixel 4 Blue	0–255	Pixel 4 blue
18	Pixel 5 Red	0–255	Pixel 5 red

CH	Function	DMX value	Description
19	Pixel 5 Green	0–255	Pixel 5 green
20	Pixel 5 Blue	0–255	Pixel 5 blue
21	Pixel 6 Red	0–255	Pixel 6 red
22	Pixel 6 Green	0–255	Pixel 6 green
23	Pixel 6 Blue	0–255	Pixel 6 blue
24	Pixel 7 Red	0–255	Pixel 7 red
25	Pixel 7 Green	0–255	Pixel 7 green
26	Pixel 7 Blue	0–255	Pixel 7 blue
27	Pixel 8 Red	0–255	Pixel 8 red
28	Pixel 8 Green	0–255	Pixel 8 green
29	Pixel 8 Blue	0–255	Pixel 8 blue
30	Pixel 9 Red	0–255	Pixel 9 red
31	Pixel 9 Green	0–255	Pixel 9 green
32	Pixel 9 Blue	0–255	Pixel 9 blue
33	Pixel 10 Red	0–255	Pixel 10 red
34	Pixel 10 Green	0–255	Pixel 10 green
35	Pixel 10 Blue	0–255	Pixel 10 blue
36	Pixel 11 Red	0–255	Pixel 11 red
37	Pixel 11 Green	0–255	Pixel 11 green
38	Pixel 11 Blue	0–255	Pixel 11 blue
39	Pixel 12 Red	0–255	Pixel 12 red
40	Pixel 12 Green	0–255	Pixel 12 green
41	Pixel 12 Blue	0–255	Pixel 12 blue
42	Pixel 1 Warm White	0–255	Pixel 1 warm white
43	Pixel 1 Cool White	0–255	Pixel 1 cool white
44	Pixel 2 Warm White	0–255	Pixel 2 warm white
45	Pixel 2 Cool White	0–255	Pixel 2 cool white
46	Pixel 3 Warm White	0–255	Pixel 3 warm white
47	Pixel 3 Cool White	0–255	Pixel 3 cool white
48	Pixel 4 Warm White	0–255	Pixel 4 warm white
49	Pixel 4 Cool White	0–255	Pixel 4 cool white
50	Pixel 5 Warm White	0–255	Pixel 5 warm white
51	Pixel 5 Cool White	0–255	Pixel 5 cool white
52	Pixel 6 Warm White	0–255	Pixel 6 warm white
53	Pixel 6 Cool White	0–255	Pixel 6 cool white
54	Pixel 7 Warm White	0–255	Pixel 7 warm white
55	Pixel 7 Cool White	0–255	Pixel 7 cool white

CH	Function	DMX value	Description
56	Pixel 8 Warm White	0–255	Pixel 8 warm white
57	Pixel 8 Cool White	0–255	Pixel 8 cool white
58	Pixel 9 Warm White	0–255	Pixel 9 warm white
59	Pixel 9 Cool White	0–255	Pixel 9 cool white
60	Pixel 10 Warm White	0–255	Pixel 10 warm white
61	Pixel 10 Cool White	0–255	Pixel 10 cool white
62	Pixel 11 Warm White	0–255	Pixel 11 warm white
63	Pixel 11 Cool White	0–255	Pixel 11 cool white
64	Pixel 12 Warm White	0–255	Pixel 12 warm white
65	Pixel 12 Cool White	0–255	Pixel 12 cool white

5.8 125 Channel Mode (PIXEL 4)

CH	Function	DMX value	Description
1	Dimmer	0–255	Dimmer
2	RGB Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
3	CW Strobe	0–9	No function
		10–99	Strobe from slow → fast, 0–25 Hz
		100–109	No function
		110–179	Lightning strobe
		180–189	No function
		190–255	Random strobe
4	Frost	0–255	Frost 0–100%
5	Control	0–10	No function
		11–100	Reserved
		101–105	Studio
		106–110	Power
		111–115	Live
		116–120	Reserved
		121–125	Tungsten fade on
		126–130	Tungsten fade off
		131–185	Reserved
		186–190	Cell direction normal

CH	Function	DMX value	Description
		191–195	Cell direction flipped
		196–200	Reserved
		201–205	All reset
		206–250	Reserved
		251–255	No function
6	Pixel 1 Red	0–255	Pixel 1 red
7	Pixel 1 Green	0–255	Pixel 1 green
8	Pixel 1 Blue	0–255	Pixel 1 blue
9	Pixel 2 Red	0–255	Pixel 2 red
10	Pixel 2 Green	0–255	Pixel 2 green
11	Pixel 2 Blue	0–255	Pixel 2 blue
12	Pixel 3 Red	0–255	Pixel 3 red
13	Pixel 3 Green	0–255	Pixel 3 green
14	Pixel 3 Blue	0–255	Pixel 3 blue
15	Pixel 4 Red	0–255	Pixel 4 red
16	Pixel 4 Green	0–255	Pixel 4 green
17	Pixel 4 Blue	0–255	Pixel 4 blue
18	Pixel 5 Red	0–255	Pixel 5 red
19	Pixel 5 Green	0–255	Pixel 5 green
20	Pixel 5 Blue	0–255	Pixel 5 blue
21	Pixel 6 Red	0–255	Pixel 6 red
22	Pixel 6 Green	0–255	Pixel 6 green
23	Pixel 6 Blue	0–255	Pixel 6 blue
24	Pixel 7 Red	0–255	Pixel 7 red
25	Pixel 7 Green	0–255	Pixel 7 green
26	Pixel 7 Blue	0–255	Pixel 7 blue
27	Pixel 8 Red	0–255	Pixel 8 red
28	Pixel 8 Green	0–255	Pixel 8 green
29	Pixel 8 Blue	0–255	Pixel 8 blue
30	Pixel 9 Red	0–255	Pixel 9 red
31	Pixel 9 Green	0–255	Pixel 9 green
32	Pixel 9 Blue	0–255	Pixel 9 blue
33	Pixel 10 Red	0–255	Pixel 10 red
34	Pixel 10 Green	0–255	Pixel 10 green
35	Pixel 10 Blue	0–255	Pixel 10 blue
36	Pixel 11 Red	0–255	Pixel 11 red
37	Pixel 11 Green	0–255	Pixel 11 green

CH	Function	DMX value	Description
38	Pixel 11 Blue	0–255	Pixel 11 blue
39	Pixel 12 Red	0–255	Pixel 12 red
40	Pixel 12 Green	0–255	Pixel 12 green
41	Pixel 12 Blue	0–255	Pixel 12 blue
42	Pixel 13 Red	0–255	Pixel 13 red
43	Pixel 13 Green	0–255	Pixel 13 green
44	Pixel 13 Blue	0–255	Pixel 13 blue
45	Pixel 14 Red	0–255	Pixel 14 red
46	Pixel 14 Green	0–255	Pixel 14 green
47	Pixel 14 Blue	0–255	Pixel 14 blue
48	Pixel 15 Red	0–255	Pixel 15 red
49	Pixel 15 Green	0–255	Pixel 15 green
50	Pixel 15 Blue	0–255	Pixel 15 blue
51	Pixel 16 Red	0–255	Pixel 16 red
52	Pixel 16 Green	0–255	Pixel 16 green
53	Pixel 16 Blue	0–255	Pixel 16 blue
54	Pixel 17 Red	0–255	Pixel 17 red
55	Pixel 17 Green	0–255	Pixel 17 green
56	Pixel 17 Blue	0–255	Pixel 17 blue
57	Pixel 18 Red	0–255	Pixel 18 red
58	Pixel 18 Green	0–255	Pixel 18 green
59	Pixel 18 Blue	0–255	Pixel 18 blue
60	Pixel 19 Red	0–255	Pixel 19 red
61	Pixel 19 Green	0–255	Pixel 19 green
62	Pixel 19 Blue	0–255	Pixel 19 blue
63	Pixel 20 Red	0–255	Pixel 20 red
64	Pixel 20 Green	0–255	Pixel 20 green
65	Pixel 20 Blue	0–255	Pixel 20 blue
66	Pixel 21 Red	0–255	Pixel 21 red
67	Pixel 21 Green	0–255	Pixel 21 green
68	Pixel 21 Blue	0–255	Pixel 21 blue
69	Pixel 22 Red	0–255	Pixel 22 red
70	Pixel 22 Green	0–255	Pixel 22 green
71	Pixel 22 Blue	0–255	Pixel 22 blue
72	Pixel 23 Red	0–255	Pixel 23 red
73	Pixel 23 Green	0–255	Pixel 23 green
74	Pixel 23 Blue	0–255	Pixel 23 blue

CH	Function	DMX value	Description
75	Pixel 24 Red	0–255	Pixel 24 red
76	Pixel 24 Green	0–255	Pixel 24 green
77	Pixel 24 Blue	0–255	Pixel 24 blue
78	Pixel 1 Warm White	0–255	Pixel 1 warm white
79	Pixel 1 Cool White	0–255	Pixel 1 cool white
80	Pixel 2 Warm White	0–255	Pixel 2 warm white
81	Pixel 2 Cool White	0–255	Pixel 2 cool white
82	Pixel 3 Warm White	0–255	Pixel 3 warm white
83	Pixel 3 Cool White	0–255	Pixel 3 cool white
84	Pixel 4 Warm White	0–255	Pixel 4 warm white
85	Pixel 4 Cool White	0–255	Pixel 4 cool white
86	Pixel 5 Warm White	0–255	Pixel 5 warm white
87	Pixel 5 Cool White	0–255	Pixel 5 cool white
88	Pixel 6 Warm White	0–255	Pixel 6 warm white
89	Pixel 6 Cool White	0–255	Pixel 6 cool white
90	Pixel 7 Warm White	0–255	Pixel 7 warm white
91	Pixel 7 Cool White	0–255	Pixel 7 cool white
92	Pixel 8 Warm White	0–255	Pixel 8 warm white
93	Pixel 8 Cool White	0–255	Pixel 8 cool white
94	Pixel 9 Warm White	0–255	Pixel 9 warm white
95	Pixel 9 Cool White	0–255	Pixel 9 cool white
96	Pixel 10 Warm White	0–255	Pixel 10 warm white
97	Pixel 10 Cool White	0–255	Pixel 10 cool white
98	Pixel 11 Warm White	0–255	Pixel 11 warm white
99	Pixel 11 Cool White	0–255	Pixel 11 cool white
100	Pixel 12 Warm White	0–255	Pixel 12 warm white
101	Pixel 12 Cool White	0–255	Pixel 12 cool white
102	Pixel 13 Warm White	0–255	Pixel 13 warm white
103	Pixel 13 Cool White	0–255	Pixel 13 cool white
104	Pixel 14 Warm White	0–255	Pixel 14 warm white
105	Pixel 14 Cool White	0–255	Pixel 14 cool white
106	Pixel 15 Warm White	0–255	Pixel 15 warm white
107	Pixel 15 Cool White	0–255	Pixel 15 cool white
108	Pixel 16 Warm White	0–255	Pixel 16 warm white
109	Pixel 16 Cool White	0–255	Pixel 16 cool white
110	Pixel 17 Warm White	0–255	Pixel 17 warm white
111	Pixel 17 Cool White	0–255	Pixel 17 cool white

CH	Function	DMX value	Description
112	Pixel 18 Warm White	0–255	Pixel 18 warm white
113	Pixel 18 Cool White	0–255	Pixel 18 cool white
114	Pixel 19 Warm White	0–255	Pixel 19 warm white
115	Pixel 19 Cool White	0–255	Pixel 19 cool white
116	Pixel 20 Warm White	0–255	Pixel 20 warm white
117	Pixel 20 Cool White	0–255	Pixel 20 cool white
118	Pixel 21 Warm White	0–255	Pixel 21 warm white
119	Pixel 21 Cool White	0–255	Pixel 21 cool white
120	Pixel 22 Warm White	0–255	Pixel 22 warm white
121	Pixel 22 Cool White	0–255	Pixel 22 cool white
122	Pixel 23 Warm White	0–255	Pixel 23 warm white
123	Pixel 23 Cool White	0–255	Pixel 23 cool white
124	Pixel 24 Warm White	0–255	Pixel 24 warm white
125	Pixel 24 Cool White	0–255	Pixel 24 cool white

6 Annex: preset colours

6 Annex: preset colours

Values 11 to 255 of the PRESET COLOR channel select the preset colours below. Values marked RESERVE in the annex are not assigned to a named colour. Values 0 to 10 have no function.

Preset value	Colour	Name	x	y
16-20	COLOR 1 (R40)	Light Salmon	0.499	0.321
21-25	COLOR 2 (L24)	Scarlet	0.561	0.296
26-30	COLOR 3 (L164)	Flame Red	0.659	0.302
41-45	COLOR 4 (L08)	Dark Salmon	0.498	0.347
46-50	COLOR 5 (L25)	Sunset Red	0.566	0.359
56-60	COLOR 6 (L237)	CID(To Tungsten)	0.43	0.365
61-65	COLOR 7 (R321)	Soft Golden Amber	0.477	0.406
66-70	COLOR 8 (L652)	Urban Sodium	0.535	0.399
76-80	COLOR 9 (L765)	LEE Yellow	0.389	0.412
81-85	COLOR 10 (L513)	Ice And A Slice	0.38	0.447
106-110	COLOR 11 (L90)	Dark Yellow Green	0.184	0.641
116-120	COLOR 12 (R92)	Tuiquoise	0.235	0.36
136-140	COLOR 13 (L728)	Steel Green	0.256	0.302
141-145	COLOR 14 (L117)	Steel Blue	0.223	0.278
146-150	COLOR 15 (L354)	Special Steel Blue	0.173	0.265
156-160	COLOR 16 (L501)	New Colour Blue	0.246	0.249
161-165	COLOR 17 (L174)	Dark Steel Blue	0.204	0.205
181-185	COLOR 18 (L142)	Pale Violet	0.209	0.148
196-200	COLOR 19 (L794)	Pretty'n Pink	0.335	0.251
201-205	COLOR 20 (L328)	Follies Pink	0.335	0.18
216-220	COLOR 21 (L127)	Smokey Pink	0.397	0.265
221-225	COLOR 22 (L192)	Flesh Pink	0.41	0.237
236-240	COLOR 23 (L157)	Pink	0.457	0.272
241-245	COLOR 24 (R332)	Cherry Rose	0.489	0.295