

DMX Channel Chart v.1.1.2.2

51000 LED PROFILE



Standard CH	Extended CH	DMX	Function
1	1		Pan
		0-255	Pan movement by 540°
2	2		Pan Fine
		0-255	Fine control of pan movement
3	3		Tilt
		0-255	Tilt movement by 270°
4	4		Tilt fine
		0-255	Fine control of tilt movement
5	5		Pan/Tilt speed , Pan/Tilt time
		0-225	max to min Speed
		226-235	Blackout by movement
		236-245	blackout by all wheels
		246-255	no function
6	6		Shutter/ strobe
		0-10	Shutter closed
		11-20	Shutter open
		21-117	Strobe-effect from slow to fast
		118-126	Shutter open
		127-180	Opening pulse in sequences from slow to fast
		181-191	Shutter open
		192-245	Random strobe-effect from slow to fast
		246-255	Shutter open
7	7		Dimmer intensity
		0-255	Dimmer intensity from 0% to 100%
8	8		Dimmer intensity - fine
		0 - 255	Fine dimming
9	9		Dimmer chase pattern
		0-9	Open
		10-19	Chase pattern 1
		20-29	Chase pattern 2
		30-39	Chase pattern 3
		40-49	Chase pattern 4
		50-59	Chase pattern 5
		60-69	Chase pattern 6
		70-79	Chase pattern 7
		80-89	Chase pattern 8
		90-99	Chase pattern 9
		100-109	Chase pattern 10
		110-119	Chase pattern 11
		120-129	Chase pattern 12
		130-139	Chase pattern 13
		140-255	Reserved
10	10		Chase Speed
		0-125	Fast to Slow backward
		126-130	Stop (Speed 0)
		131-255	Fast to Slow forward

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Standard CH	Extended CH	DMX	Function
11	11		Chase fade
		0-255	Fade chase
12	12		Zoom
		0 - 255	Zoom from max. to min. beam angle
*	13		Zoom - fine
		0-255	Fine zooming
13	14		Focus
		0-255	Continuous adjustment from far to near
*	15		Focus - fine
		0-255	Fine focusing
14	16		Auto focus
		0-50	Auto focus off
		51-100	5 meters
		101-150	7.5 meters
		151-200	10 meters
		201-255	15 meters
*	17		Auto focus fine
		0-255	Continuous adjustment fine
15	18		Color wheel
		0-3	Empty
		4-7	Color 1
		8-11	Color 2
		12-15	Color 3
		16-19	Color 4
		20-23	Color 5
		24-27	Color 6
		28-31	Color 7
		32-127	Color indexing
		128-189	Forwards rainbow - fast to slow
		190-193	No rotation
		194-255	Backwards rainbow - slow to fast
*	19		Color wheel - fine positioning
*		0-255	Color wheel change to any position fine
16	20		CTB / CRI
		0-63	Open
		64-127	CTB filter
		128-255	CRI filter
17	21		Cyan color
		0-255	Cyan from 0% to 100%
*	22		Cyan color fine
		0-255	Cyan fine
18	23		Magenta color
		0-255	Magenta from 0% to 100%
*	24		Magenta color fine
		0-255	Magenta fine

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19	25		Yellow color
		0-255	Yellow from 0% to 100%
*	26		Yellow color fine
		0-255	Yellow fine
20	27		CTO Color
		0-255	CTO from 0% to 100%
*	28		CTO color fine
		0-255	CTO fine
21	29		Rotating gobo wheel
		0-9	Open/Hole
		10-23	Gobo 1
		24-37	Gobo 2
		38-51	Gobo 3
		52-65	Gobo 4
		66-79	Gobo 5
		80-93	Gobo 6
		94-109	Gobo 1 shake slow to fast
		110-125	Gobo 2 shake slow to fast
		126-141	Gobo 3 shake slow to fast
		142-158	Gobo 4 shake slow to fast
		158-173	Gobo 5 shake slow to fast
		174-189	Gobo 6 shake slow to fast
		190-221	Gobo disk rotation forward- fast to slow
		222-223	No rotation
		224-255	Gobo disk rotation backward- slow to fast
22	30		Rotating gobo index/rotation
		0-127	Gobo indexing
		128-189	Forward gobo rot. - fast to slow
		190-193	No rotation
		194-255	Backward gobo rot. - slow to fast
*	31		Rotating gobo index fine
		0-255	Rot. gobo fine indexing
23	32		Static gobo wheel
		0-9	Open
		10-23	Static Gobo1
		24-37	Static Gobo2
		38-51	Static Gobo3
		52-65	Static Gobo4
		66-79	Static Gobo5
		80-87	Static Gobo6
		88-93	Static Gobo7
		94-109	Gobo1 Shake slow to fast
		110-125	Gobo2 Shake slow to fast
		126-141	Gobo3 Shake slow to fast
		142-157	Gobo4 Shake slow to fast
		158-173	Gobo5 Shake slow to fast

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Standard CH	Extended CH	DMX	Function
		174-181	Gobo6 Shake slow to fast
		182-189	Gobo7 Shake slow to fast
		190-221	Gobo wheel rotation forwards gobo fast to slow
		222-223	No Rotation
		224-255	Gobo wheel rotation backwards gobo slow to fast
24	33		Reserved
		0-255	Reserved / No function
*	34		Reserved
		0-255	Reserved / No function
25	35		Animation wheel
		0-7	Open
		8-127	Forward rotation - fast to slow
		128-135	No rotation
		136-255	Backward rotation - slow to fast
26	36		Iris
		0-191	Max. diameter to Min diameter
		192-223	Pulse closing fast to slow
		224-255	Pulse opening slow to fast
*	37		Iris fine
		0-255	Iris fine
27	38		Prism 1
		0-127	Open
		128-255	5-Facet prism
28	39		Rotating prism index/rotation 1
		0-127	Prism indexing
		128-189	Forward prism rotation - fast to slow
		190-193	No rotation
		194-255	Backward prism rotation - slow to fast
*	40		Rotating prism index fine 1
		0-255	Fine indexing
29	41		Prism 2
		0-127	Open
		128-255	Linear prism
30	42		Rotating prism index/rotation 2
		0-127	Prism indexing
		128-189	Forward prism rotation - fast to slow
		190-193	No rotation
		194-255	Backward prism rotation - slow to fast
*	43		Rotating prism index fine 2
		0-255	Fine indexing
31	44		Frost 1
		0-255	Frost 0% to 100%
32	45		Frost 2
		0-255	Frost 0% to 100%
33	46		Blade 1A
		0-255	Open to close

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*	47		Blade 1A fine
		0-255	Open to close fine
34	48		Blade 1B
		0-255	Open to close
*	49		Blade 1B fine
		0-255	Open to close fine
35	50		Blade 2A
		0-255	Open to close
*	51		Blade 2A fine
		0-255	Open to close fine
36	52		Blade 2B
		0-255	Open to close
*	53		Blade 2B fine
		0-255	Open to close fine
37	54		Blade 3A
		0-255	Open to close
*	55		Blade 3A fine
		0-255	Open to close fine
38	56		Blade 3B
		0-255	Open to close
*	57		Blade 3B fine
		0-255	Open to close fine
39	58		Blade 4A
		0-255	Open to close
*	59		Blade 4A fine
		0-255	Open to close fine
40	60		Blade 4B
		0-255	Open to close
*	61		Blade 4B fine
		0-255	Open to close fine
41	62		All blade rotation
		0-255	All blade rotation
*	63		All blade rotation fine
		0-255	All blade rotation fine
42	64		Control / Special
		0-4	Reserved
		5-9	Display off
		10-14	Display on
		15-19	Display invert off
		20-24	Display invert on
		25-26	Fan mode: auto
		27-28	Fan mode: standard
		29-30	Fan mode: silent
		31-32	Fan mode: whisper
		33-44	Reserved
		45-49	Dimmer curve: Square law

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Standard CH	Extended CH	DMX	Function
		50-54	Dimmer curve: Linear
		55-58	PWM rate: 2.4 KHz
		59-62	PWM rate: 12 KHz
		63-66	PWM rate: 24 KHz
		67-69	PWM rate: 30 KHz
		70-74	Gobo correction off
		75-79	Gobo correction on
		80-84	All motor reset
		85-87	Scan motor reset
		88-90	colors motor reset
		91-93	Gobo motor reset
		94-96	Reserved
		97-99	Other motor reset
		100-255	Reserved