

# DMX Channel Chart V.1.2.1

**51000 LED PROFILE**



Standard CH	Extended CH	DMX	Function
1	1		<b>Pan</b>
		0-255	Pan movement by 540°
2	2		<b>Pan Fine</b>
		0-255	Fine control of pan movement
3	3		<b>Tilt</b>
		0-255	Tilt movement by 270°
4	4		<b>Tilt fine</b>
		0-255	Fine control of tilt movement
5	5		<b>Pan/Tilt speed , Pan/Tilt time</b>
		0-225	max to min Speed
		226-235	Blackout by movement
		236-245	blackout by all wheels
		246-255	no function
6	6		<b>Shutter/ strobe</b>
		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		<b>Dimmer intensity</b>
		0-255	Dimmer intensity from 0% to 100%
8	8		<b>Dimmer intensity - fine</b>
		0 - 255	Fine dimming
9	9		<b>Dimmer chase pattern</b>
		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		<b>Chase Speed</b>
		0-125	Fast to Slow backward
		126-130	Stop (Speed 0)
		131-255	Fast to Slow forward

# DMX Channel Chart v.1.2.1

**51000 LED PROFILE**



Standard CH	Extended CH	DMX	Function
11	11		<b>Chase fade</b>
		0-255	Fade chase
12	12		<b>Zoom</b>
		0 - 255	Zoom from max. to min. beam angle
*	13		<b>Zoom - fine</b>
		0-255	Fine zooming
13	14		<b>Focus</b>
		0-255	Continuous adjustment from far to near
*	15		<b>Focus - fine</b>
		0-255	Fine focusing
14	16		<b>Auto focus</b>
		0-50	Auto focus off
		51-100	5 meters
		101-150	7.5 meters
		151-200	10 meters
		201-255	15 meters
*	17		<b>Auto focus fine</b>
		0-255	Continuous adjustment fine
15	18		<b>Color wheel</b>
		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		<b>Color wheel - fine positioning</b>
*		0-255	Color wheel change to any position fine
16	20		<b>CTB / CRI</b>
		0-63	Open
		64-127	CTB filter
		128-255	CRI filter
17	21		<b>Cyan color</b>
		0-255	Cyan from 0% to 100%
*	22		<b>Cyan color fine</b>
		0-255	Cyan fine
18	23		<b>Magenta color</b>
		0-255	Magenta from 0% to 100%
*	24		<b>Magenta color fine</b>
		0-255	Magenta fine

# DMX Channel Chart v.1.2.1

**S1000 LED PROFILE**



Standard CH	Extended CH	DMX	Function
<b>19</b>	<b>25</b>		<b>Yellow color</b>
		0-255	Yellow from 0% to 100%
*	<b>26</b>		<b>Yellow color fine</b>
		0-255	Yellow fine
<b>20</b>	<b>27</b>		<b>CTO Color</b>
		0-255	CTO from 0% to 100%
*	<b>28</b>		<b>CTO color fine</b>
		0-255	CTO fine
<b>21</b>	<b>29</b>		<b>Rotating gobo wheel</b>
		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
<b>22</b>	<b>30</b>		<b>Rotating gobo index/rotation</b>
		0-127	Gobo indexing
		128-189	Forward gobo rot. - fast to slow
		190-193	No rotation
		194-255	Backward gobo rot. - slow to fast
*	<b>31</b>		<b>Rotating gobo index fine</b>
		0-255	Rot. gobo fine indexing
<b>23</b>	<b>32</b>		<b>Static gobo wheel</b>
		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

# DMX Channel Chart v.1.2.1

**51000 LED PROFILE**



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
<b>24</b>	<b>33</b>		<b>Auto Focus</b>
		0-50	Auto Focus Off
		51-100	5 meters
		101-150	7.5 meters
		151-200	10 meters
		201-255	15 meters
*	<b>34</b>		<b>Auto Focus Fine</b>
		0-255	Continuous adjustment fine
<b>25</b>	<b>35</b>		<b>Animation wheel</b>
		0-7	Open
		8-127	Forward rotation - fast to slow
		128-135	No rotation
		136-255	Backward rotation - slow to fast
<b>26</b>	<b>36</b>		<b>Iris</b>
		0-191	Max. diameter to Min diameter
		192-223	Pulse closing fast to slow
		224-255	Pulse opening slow to fast
*	<b>37</b>		<b>Iris fine</b>
		0-255	Iris fine
<b>27</b>	<b>38</b>		<b>Prism 1</b>
		0-127	Open
		128-255	5-Facet prism
<b>28</b>	<b>39</b>		<b>Rotating prism index/rotation 1</b>
		0-127	Prism indexing
		128-189	Forward prism rotation - fast to slow
		190-193	No rotation
		194-255	Backward prism rotation - slow to fast
*	<b>40</b>		<b>Rotating prism index fine 1</b>
		0-255	Fine indexing
<b>29</b>	<b>41</b>		<b>Prism 2</b>
		0-127	Open
		128-255	Linear prism
<b>30</b>	<b>42</b>		<b>Rotating prism index/rotation 2</b>
		0-127	Prism indexing
		128-189	Forward prism rotation - fast to slow
		190-193	No rotation
		194-255	Backward prism rotation - slow to fast
*	<b>43</b>		<b>Rotating prism index fine 2</b>
		0-255	Fine indexing
<b>31</b>	<b>44</b>		<b>Frost 1</b>
		0-255	Frost 0% to 100%

# DMX Channel Chart v.1.2.1

**51000 LED PROFILE**



Standard CH	Extended CH	DMX	Function
32	45		<b>Frost 2</b>
		0-255	Frost 0% to 100%
33	46		<b>Blade 1A</b>
		0-255	Open to close
*	47		<b>Blade 1A fine</b>
		0-255	Open to close fine
34	48		<b>Blade 1B</b>
		0-255	Open to close
*	49		<b>Blade 1B fine</b>
		0-255	Open to close fine
35	50		<b>Blade 2A</b>
		0-255	Open to close
*	51		<b>Blade 2A fine</b>
		0-255	Open to close fine
36	52		<b>Blade 2B</b>
		0-255	Open to close
*	53		<b>Blade 2B fine</b>
		0-255	Open to close fine
37	54		<b>Blade 3A</b>
		0-255	Open to close
*	55		<b>Blade 3A fine</b>
		0-255	Open to close fine
38	56		<b>Blade 3B</b>
		0-255	Open to close
*	57		<b>Blade 3B fine</b>
		0-255	Open to close fine
39	58		<b>Blade 4A</b>
		0-255	Open to close
*	59		<b>Blade 4A fine</b>
		0-255	Open to close fine
40	60		<b>Blade 4B</b>
		0-255	Open to close
*	61		<b>Blade 4B fine</b>
		0-255	Open to close fine
41	62		<b>All blade rotation</b>
		0-255	All blade rotation
*	63		<b>All blade rotation fine</b>
		0-255	All blade rotation fine
42	64		<b>Control / Special</b>
		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

# DMX Channel Chart v.1.2.1

**51000 LED PROFILE**



Standard CH	Extended CH	DMX	Function
		29-30	Fan mode: silent
		31-32	Fan mode: whisper
		33-44	Reserved
		45-49	Dimmer curve: Square law
		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	<b>All motor reset</b>
		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