

# DMX CHART

## FALCON® BEAM 2 ARC colour 3,000W

FALCON® BEAM 2 ARC colour 3,000W (Vers. Falc C24)						
DMX channel	Function	MODE 1		MODE 2		
		DMX Parameter	Default	DMX Parameter	Default	
1	PAN coarse	0 - 255 (0 - 100%) 0° - 500°	127	0 - 255 (0 - 100%) 0° - 500°	127	
2	PAN fine	0 - 255 (0 - 100%) 0° - 2° fine	127	0 - 255 (0 - 100%) 0° - 2° fine	127	
3	TILT coarse	0 - 255 (0 - 100%) 0° - 240°	127	0 - 255 (0 - 100%) 0° - 234	127	
4	TILT fine	0 - 255 (0 - 100%) 0° - 2° Fine	127	0 - 255 (0 - 100%) 0° - 2° Fine	127	
5	Zoom	0 - 255 (0 - 100%) Min. zoom - max. zoom	127	0 - 255 (0 - 100%) Min. zoom - max. zoom	127	
6	Reserved		0		0	
7	Reserved		0		0	
8	Lamp off/on*	0 - 20 (0 - 8%) Idle	0	0 - 20 (0 - 8%) Idle	0	
		25 - 50 (10 - 20%) Lamp off		25 - 50 (10 - 20%) Lamp off		
		78 - 100 (31 - 39%) Lamp on		78 - 100 (31 - 39%) Lamp on		
	Reset*	126 - 150 (50 - 59%) Fixture reset		126 - 150 (50 - 59%) Fixture reset		
		155 - 160 (61 - 63%) Pan reset		155 - 160 (61 - 63%) Pan reset		
		165 - 170 (65 - 67%) Tilt reset		165 - 170 (65 - 67%) Tilt reset		
		175 - 180 (69 - 71%) Zoom reset		175 - 180 (69 - 71%) Zoom reset		
	Force shutter open			191 - 199 (75 - 78%) Lock shutter in open position (Function is active as long as value is sent by control desk. When released, shutter will immediately follow dimmer values.)		
Fan on*	200 - 255 (79 - 100%) Fan on	200 - 255 (79 - 100%) Fan on				
9	Intensity (Elec. dimmer/ Dimmer)	000 - 255 (0 - 100%) = 30-100% Intensity	255	000 - 255 (0 - 100%) = 0-100% Intensity	0	
10	Electronic strobe	000 - 020 (0 - 8%) Strobe disabled	0	000 - 003 (0 - 2%) Open	0	
				004 - 103 (3 - 40%) Strobe 0.25Hz - 25Hz		
				104 - 107 (41 - 42%) Closed		
				108 - 132 (43 - 52%) Pulse open		
		21 - 255 (9 - 100%) Strobe 0.2Hz - 25Hz		133 - 157 (53 - 62%) Pulse closed		
				158 - 160 (63%) Random slow		
				161 - 163 (64%) Random medium		
				164 - 166 (65%) Random fast		
				167 - 169 (66 - 67%) Open		
11	Mechanical dimmer / Mechanical strobe	000 - 127 (0 - 50%) Closed - Open	0	000 - 003 (0 - 2%) Open	0	
				004 - 103 (3 - 40%) Strobe 1.8Hz - 2.1Hz		
				104 - 107 (41 - 42%) Closed		
				108 - 132 (43 - 52%) Pulse open		
		128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz		133 - 157 (53 - 62%) Pulse closed		
				158 - 160 (63%) Random slow		
				161 - 163 (64%) Random medium		
				164 - 166 (65%) Random fast		
				167 - 169 (66 - 67%) Open		
12	Colour changer	See colour sheet on following page	0	See colour sheet on following page		
13	(Future use)		0		0	

\*Hold value for 5 sec. Technical subjects to alterations.

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# COLOUR STRING STANDARD

## FALCON® BEAM 2 ARC colour 3,000W

		Rosco Supergel HT (Standard!)		Comparative value: LEE Filters
No.	DMX channel	SG No.		LEE HT No.
1	0 - 7		.000 Clear	.000 Clear
2	8 - 22		.205 Half CT Orange (e-colour+)	.205 Half CT Orange
3	23 - 37		.204 Full CT Orange (e-colour+)	.204 Full CT Orange
4	38 - 52		.027 Medium Red	.027 Medium Red
5	53 - 67		.056 Gypsy Lavender	.180 Dark Lavender
6	68 - 82		.021 Golden Amber	.021 Golden Amber
7	83 - 97		.067 Light Sky Blue	.165 Daylight Blue
8	98 - 112		.010 Medium Yellow	.010 Medium Yellow
9	113 - 127		.079 Bright Blue	.079 Just Blue
10	128 - 142		.073 Peacock Blue	.115 Peacock Blue
11	143 - 157		.049 Medium Purple	.126 Mauve
12	158 - 172		.032 Medium Salmon Pink	.193 Rosy Amber
13	173 - 187		.089 Moss Green	.122 Fern Green
14	188 - 201		.371 Theatre Booster 1	
15	202 - 217		.355 Pale Violet	.142 Pale Violet
16	218 - 230		.382 Congo Blue	.181 Congo Blue
17	231 - 247		.095 Medium Blue Green	.116 Medium Blue Green
18	248 - 255		.035 Light Pink	.035 Light Pink

All colours describe examples of design. Computer graphics and screens can give you only a rough sense of the colour. The real colours depending on several preconditions like e.g. conditions of illuminated areas, adjustments in power and brightness of a light source and the ambient light. Technical subjects to alterations.