

DMX CHART

FALCON® BEAM 2 ARC colour 7,000W

1

FALCON® BEAM 2 ARC colour 7,000W (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					
7	Reserved					
8	Lamp off/on*	0 - 20 (0 - 1%) Idle	0	0 - 20 (0 - 1%) Idle	0	
		25 - 50 (10 - 20%) Lamp off		25 - 50 (10 - 20%) Lamp off		
		78 - 100 (31 - 40%) Lamp on		78 - 100 (31 - 40%) 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%) = 0-100% Intensity	0	000 - 255 = 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		
		021 - 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	Douser	000 - 127 (0 - 50%) Douser closed - Douser open	0	000 - 003 (0 - 2%) Open	0	
				004 - 103 (3 - 40%) Strobe 0,18Hz - 2,1Hz		
				104 - 107 (41 - 42%) Closed		
				108 - 132 (43 - 52%) Pulse open		
	Mechanical strobe	128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz closed		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	0	
13	(Future use)		0		0	

*Hold value for 5 sec. ** Hold value for > 1 sec.

AO Multimedia & Drones

info@ao-creative.com

www.ao-creative.com

August 2017 All of the descriptions, illustrations, diagrams and technical details in this folder describe examples of design or construction and they do not form any element of the contract. Text and photographs are the copyright of Arts Outdoor Lighting Technology GmbH & Co. KG. All rights reserved. The right is reserved to make technical alterations.

COLOUR STRING STANDARD

FALCON® BEAM 2 ARC colour 7,000W

		Rosco Supergel HT (Standard!)		Comparative value: LEE Filters
No.	DMX channel	SG No.		LEE HT No.
1	0 - 10		.000 Clear	.000 Clear
2	11 - 31		.204 Full CT Orange (e-colour+)	.204 Full CT Orange
3	32 - 52		.026 Light Red	.026 Bright Red
4	53 - 73		.355 Pale Violet	.142 Pale Violet
5	74 - 94		.022 Deep Amber	.022 Dark Amber
6	95 - 115		.079 Bright Blue	.079 Just Blue
7	116 - 136		.010 Medium Yellow	.010 Medium Yellow
8	137 - 157		.089 Moss Green	.122 Fern Green
9	158 - 178		.049 Medium Purple	.126 Mauve
10	179 - 199		.073 Peacock Blue	.115 Peacock Blue
11	200 - 220		.032 Medium Salmon Pink	.193 Rosy Amber
12	221 - 241		.067 Light Sky Blue	.352 Glacier Blue
13	242 - 255		.000 Clear	.000 Clear

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.