3,000 W I 7,000 W

# FALCON® BEAM 2 ARC colour 3,000W/7,000W

- MADE IN GERMANY
- Powder-coated aluminium housing
- Weatherproof (IP44)
- 200,000 lumens output (7,000W)
- ▶ 16 bit precision movement

#### The FALCON® BEAM 2 ARC colour

is perfect for large architectural and entertainment installations, including use as a searchlight or long-throw washlight.



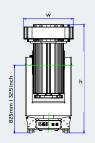
FALCON® BEAM ARC colour, 3,000 W

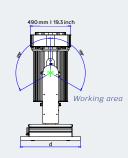


#### Dimensions 3,000 W

h: 1,320 mm I 52.0 inch w: 601 mm I 23.7 inch d: 730 mm I 28.7 inch

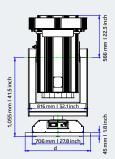
Pivoting angle: 240 °

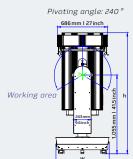




#### Dimensions 7,000 W

h: 1,621 mm I 63,8 inch w: 732 mm I 28.8 inch d: 900 mm I 35.4 inch





Technical subjects to alterations.

Technical specifications	FALCON® BEAM 2 ARC colour 3,000 W	FALCON® BEAM 2 ARC colour 7,000 W
Lamp		
Туре	OSRAM XB0® 3,000 W	OSRAM Xstage® 7,000 W
Colour temperature	6,000 K	
Colour changer syste	m	
Colour changer	Gel scroller with up to 18 single colours	Gel scroller with up to 13 single colours
Reflector		
Material	Nickel with high precision electro-shaped rhodium/dichroic coating	Nickel with high precision electro-shaped rhodium/dichroic coating
Diameter	320 mm / 12.6 inch	460 mm / 18.1 inch
Function		
Main functions	Lamp on/off, hot strike, electronic dimmer, elec pan/tilt movement 16 bit, reset, colour changer	tronic / mechanical strobe, douser, zoom,
Movement	Pan = 500°, tilt = 240°	
Control		
Standard DMX protocol	DMX 512 in / out	
DMX channels	13	
Power		
System	Built-in electronic power supply	
Input voltages (other input voltages on request)	90 - 264 VAC, +5% / -5%, 50/60 Hz, 1-phase	190 - 442 VAC, +5% / -5%, 50/60 Hz, balanced 3-phase
Power factor	cos φ > 0.98	
Power consumption	3,300 W	7,500 W
Temperature		
Operating temperature	-15°C up to +42°C, non-condensed; 5°F up to 10	7.6 °F, non-condensed
Housing		
Material	Powder-coated, non-corrosive aluminium/stainle	ess steel
Colour	Standard colour: silver-grey, RAL 9006; other RAI	L-tones possible
Protection		
Protection rating	IP 44	
Specifications		
Dimensions h x w x d	1,320 x 601 x 730 mm; 52.0 x 23.7 x 28.7 inch	1,621 x 732 x 900 mm; 63.8 x 28.8 x 35.4 inch
Weight	142 kg (313.1 lb)	255 kg (562.2 lb) with steel profile ca. 236 kg (520.3 lb) without steel profile

## 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.

## 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

## DMX CHART FALCON® BEAM 2 ARC colour 3,000W

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 0 - 255 (0 - 100%) Min zoom -			FALCON® BEAM 2 ARC colour :	3,000W	(Vers. Falc C24)		
PAN coarse	DMX	Formation	MODE 1		MODE 2		
2	channel	Function	DMX Parameter	Default	DMX Parameter	Default	
Till Toarse	1	PAN coarse	0 - 255 (0 - 100%) 0° - 500°	127	0 - 255 (0 - 100%) 0° - 500°	127	
Till Tine	2	PAN fine	0 - 255 (0 - 100%) 0° - 2° fine	127	0 - 255 (0 - 100%) 0° - 2° fine	127	
10   Electronic strobe	3	TILT coarse	0 - 255 (0 - 100%) 0° - 240°	127	0 - 255 (0 - 100%) 0° - 234	127	
10   Secretarial   Secretari	4	TILT fine	0 - 255 (0 - 100%) 0° - 2° Fine	127	0 - 255 (0 - 100%) 0° - 2° Fine	127	
Reserved	5	Zoom	, ,	127	, ,	127	
Lamp off/on*   0 - 20   0 - 8%   idle   25 - 50   (10 - 20%   Lamp off 78 - 100   (31 - 39%   Lamp on 126 - 150   (50 - 59%   Fixture reset 155 - 160   (61 - 63%   Pan reset 165 - 170   (65 - 67%   Tilt reset 175 - 180   (69 - 71%   Zoom reset 191 - 199   (75 - 78%   Lock shutter open 90	6	Reserved		0		0	
Lamp off/on*   25 - 50 (10 - 20%) Lamp off   78 - 100 (31 - 39%) Lamp on   126 - 150 (50 - 59%) Fixture reset   155 - 160 (61 - 63%) Pan reset   175 - 180 (69 - 71%) Zoom reset   175 - 180 (69 - 71%) Zoom reset   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)   200 - 255 (79 - 100%) Fan on   255 (79 - 100%)	7	Reserved		0		0	
A			0 - 20 (0 - 8%) Idle		0 - 20 (0 - 8%) Idle		
Reset*   78 - 100 (31 - 39%) Lamp on   126 - 150 (50 - 59%) Fixture reset   155 - 160 (61 - 63%) Pan reset   175 - 180 (69 - 71%) Zoom reset   191 - 199 (75 - 78%) Lock shutter in open position fixentie active as long as value is sent by control desk. When released. Shutter will immediately follow dimmer values:   200 - 255 (79 - 100%) Fan on   200 - 255 (0 - 100%) = 30 - 100%   1ntensity   200 - 255 (0 - 100%) Fan on   200 - 255 (0 - 100%) = 30 - 100%   1ntensity   255   265 (0 - 100%) Fan on   27 - 255 (9 - 100%) Strobe   21 - 255 (9 - 1			25 - 50 (10 - 20%) Lamp off		25 - 50 (10 - 20%) Lamp off		
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 - 67%) Den   175 - 180 (69 - 67%) Polyan reset   175 - 180 (69 - 67%		0117011	78 - 100 (31 - 39%) Lamp on		78 - 100 (31 - 39%) Lamp on		
Reset*   165 - 170 (65 - 67%) Tilt reset   175 - 180 (69 - 71%) Zoom reset   191 - 199 (75 - 78%) Zoom reset   191 - 190 (75 - 78%) Zoom reset   191 - 199 (75 - 78%) Zoom res			126 - 150 (50 - 59%) Fixture reset		126 - 150 (50 - 59%) Fixture reset		
165 - 170 (65 - 67%) Tilt reset   175 - 180 (69 - 71%) Zoom reset   180 (69 - 71%) Zoom		D+*	155 - 160 (61 - 63%) Pan reset		155 - 160 (61 - 63%) Pan reset		
175 - 180 (69 - 71%) Zoom reset   175 - 180 (69 - 71%) Zoom reset   191 - 199 (75 - 78%) Lock shutter   191 - 199 (75 - 78%) Lock shutte	Ω	Reset^	165 - 170 (65 - 67%) Tilt reset	1	165 - 170 (65 - 67%) Tilt reset		
Force shutter open Fan on* 200 - 255 (79 - 100%) Fan on  255 000 - 255 (79 - 100%) Fan on  000 - 255 (0 - 100%) Fan on  255 000 - 255 (0 - 100%) Fan on  000 - 020 (0 - 8%) Strobe disabled  255 000 - 255 (0 - 100%) Fan on  000 - 030 (0 - 2%) Open  004 - 103 (3 - 40%) Strobe  025Hz - 25Hz  104 - 107 (41 - 42%) Closed  108 - 132 (43 - 52%) Pulse open  133 - 157 (53 - 62%) Pulse closed  158 - 160 (63%) Random slow  161 - 163 (64%) Random medium  164 - 166 (65%) Random fast  170 - 109 (66 - 67%) Open  000 - 127 (0 - 50%)  Closed - Open  128 - 255 (51 - 100%)  Strobe 0.18Hz - 2.1Hz  18 - 260 (63%) Random slow  161 - 163 (64%) Random slow  163 - 132 (43 - 52%) Pulse open  175 - 169 (66 - 67%) Open  175 - 169 (66 - 67%) Pulse open  175 - 169 (66 - 67%) Pulse open  175 - 169 (66 - 67%) Random slow  175 - 169 (66 - 67%) Pulse open  175 - 169 (66 - 67%) Open  175 - 169 (66 - 67%) Open	U		175 - 180 (69 - 71%) Zoom reset	1	175 - 180 (69 - 71%) Zoom reset		
Shutter open   Shutter will immediately follow dimer values.)					191 - 199 (75 - 78%) Lock shutter	_	
9   Intensity (Elec. dimmer/ Dimmer)   000 - 255 (0 - 100%) = 30 - 100%   1ntensity   255   000 - 255 (0 - 100%) = 0 - 100%   1ntensity   0   0      10   Electronic strobe   21 - 255 (9 - 100%) Strobe   0.2Hz - 25Hz   0   0   0   0   0   0   0   0   0		shutter			as long as value is sent by control desk. When released, shutter will immediately		
9 (Elec dimmer/ Dimmer)		Fan on*	200 - 255 (79 - 100%) Fan on		200 - 255 (79 - 100%) Fan on		
10 Electronic strobe  Electronic strobe  21 - 255 (9 - 100%) Strobe 0.25Hz - 25Hz	9	(Elec. dimmer/	, ,	255	, ,	0	
10 Electronic strobe  Electronic strobe  21 - 255 (9 - 100%) Strobe 0.2Hz - 25Hz  104 - 107 (41 - 42%) Closed 108 - 132 (43 - 52%) Pulse open 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  000 - 127 (0 - 50%) Closed - Open  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  12 Colour  See colour sheet on page 3  0 See colour sheet on page 3  0 See colour sheet on page 3			, ,		000 - 003 (0 - 2%) Open		
10 Electronic strobe  Electronic strobe  21 - 255 (9 - 100%) Strobe 0.2Hz - 25Hz  11 Mechanical dimmer / Mechanical strobe  128 - 255 (51 - 100%)  128 - 255 (51 - 100%)  128 - 251 (51 - 100%)  128 - 255 (51 - 100%)  128 - 257 (51 - 100%)  128 - 257 (51 - 100%)  128 - 257 (51 - 100%)  129 - 21Hz  120 Colour  120 See colour sheet on page 3  10 133 - 157 (53 - 62%) Pulse open  11 108 - 132 (43 - 52%) Pulse closed  158 - 160 (63%) Random medium  164 - 166 (65%) Random slow  109 - 127 (0 - 50%)  100 - 003 (0 - 2%) Open  100 - 003 (0 - 2%) Open  100 - 103 (3 - 40%) Strobe  18Hz - 2.1Hz  104 - 107 (41 - 42%) Closed  108 - 132 (43 - 52%) Pulse open  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					, ,		
10 Strobe  21 - 255 (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  21 - 25F (9 - 100%) Strobe 0.2Hz - 25Hz  22 - 25Hz  23 - 157 (53 - 62%) Pulse closed 000 - 003 (0 - 2%) Open 000 - 103 (3 - 40%) Strobe 1.8Hz - 2.1Hz 104 - 107 (41 - 42%) Closed 108 - 132 (43 - 52%) Pulse open 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  22 - 25Hz  23 - 25F (51 - 100%) 24 - 107 (41 - 42%) Closed 158 - 160 (63%) Random slow 161 - 163 (64%) Random medium 164 - 166 (65%) Random fast 167 - 169 (66 - 67%) Open					104 - 107 (41 - 42%) 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   000 - 003 (0 - 2%) Open   000 - 003 (0 - 2%) Open   004 - 103 (3 - 40%) Strobe   1.8Hz - 2.1Hz   104 - 107 (41 - 42%) Closed   108 - 132 (43 - 52%) Pulse open   133 - 157 (53 - 62%) Pulse open   133 - 157 (53 - 62%) Pulse open   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   128 - 250 (000 rms sheet on page 3 recolour sheet on		Electronic		_	108 - 132 (43 - 52%) Pulse open	] _	
11	10	strobe		0	133 - 157 (53 - 62%) Pulse closed	0	
11 Mechanical dimmer / Mechanical strobe  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  12 Colour  O.2Hz - 25Hz  161 - 163 (64%) Random medium 164 - 166 (65%) Random fast 167 - 169 (66 - 67%) Open 000 - 003 (0 - 2%) Open 0004 - 103 (3 - 40%) Strobe 1.8Hz - 2.1Hz 104 - 107 (41 - 42%) Closed 108 - 132 (43 - 52%) Pulse open 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					158 - 160 (63%) Random slow		
11 Mechanical dimmer / Mechanical strobe  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  12 Colour  130 - 166 (65%) Random fast 167 - 169 (66 - 67%) Open 176 (65 - 67%) Open 177 (61 - 163 (64%) Random slow 178 - 160 (65%) Random fast 178 - 160 (65%) Random fast 179 (65 - 67%) Open 178 (65 - 67%) Open 179 (6			, ,		161 - 163 (64%) Random medium		
11 Mechanical dimmer / Mechanical strobe  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  13 Colour  14 Colour  15 See colour sheet on page 3 Colour sheet on page			O.E. IZ		164 - 166 (65%) Random fast		
Mechanical dimmer / Mechanical strobe  11					167 - 169 (66 - 67%) Open		
11 Mechanical dimmer / Mechanical strobe  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  12 Colour  Colour  See colour sheet on page 3  18Hz - 2.1Hz  104 - 107 (41 - 42%) Closed 108 - 132 (43 - 52%) Pulse open 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					000 - 003 (0 - 2%) Open		
Mechanical dimmer / Mechanical strobe  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  Colour  See colour sheet on page 3  104 - 107 (41 - 42%) Closed 108 - 132 (43 - 52%) Pulse open 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			000 - 127 (0 - 50%)				
11 Mechanical dimmer / Mechanical strobe  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  12 Colour  13 - 132 (43 - 52%) Pulse open 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 172			Closed - Open			-	
11 Mechanical strobe  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  129 Colour  See colour sheet on page 3  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  129 Colour sheet on page 3						-	
Strobe   128 - 255 (51 - 100%)   158 - 160 (63%) Random slow   161 - 163 (64%) Random medium   164 - 166 (65%) Random fast   167 - 169 (66 - 67%) Open   17   18   19   19   19   19   19   19   19	11			0		0	
128 - 255 (51 - 100%) Strobe 0.18Hz - 2.1Hz  161 - 163 (64%) Random medium 164 - 166 (65%) Random fast 167 - 169 (66 - 67%) Open  12 Colour  See colour sheet on page 3							
Strobe 0.18Hz - 2.1Hz  164 - 166 (65%) Random fast 167 - 169 (66 - 67%) Open  12  Colour See colour sheet on page 3  O See colour sheet on page 3			, , ,		, ,		
12 Colour See colour sheet on page 3 O See colour sheet on page 3			Strobe 0.18Hz - 2.1Hz				
Colour See colour sheet on page 3 O See colour sheet on page 3							
CHAINGER CHAINCE CHAIN	12		See colour sheet on page 3	0			
13 (Future use) 0 0	17					0	

# DMX CHART FALCON® BEAM 2 ARC colour 7,000W

		FALCON® BEAM 2 ARC colour	7,000W	(Vers. Falc C24)		
DMX		MODE 1		MODE 2		
channel	Function	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					
		0 - 20 (0 - 1%) Idle		0 - 20 (0 - 1%) Idle		
	Lamp off/on*	25 - 50 (10 - 20%) Lamp off		25 - 50 (10 - 20%) Lamp off		
	0117011	78 - 100 (31 - 40%) Lamp on		78 - 100 (31 - 40%) Lamp on		
		126 - 150 (50 - 59%) Fixture reset		126 - 150 (50 - 59%) Fixture reset		
	D+*	155 - 160 (61 - 63%) PAN reset		155 - 160 (61 - 63%) PAN reset		
8	Reset*	165 - 170 (65 - 67%) TILT reset	0	165 - 170 (65 - 67%) TILT reset	0	
		175 - 180 (69 - 71%) Zoom reset		175 - 180 (69 - 71%) Zoom reset		
				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	
		000 - 020 (0 - 8%) Strobe disabled		000 - 003 (0 - 2%) Open 004 - 103 (3 - 40%) Strobe 0,25Hz - 25Hz 104 - 107 (41 - 42%) Closed 108 - 132 (43 - 52%) Pulse open		
10	Electronic strobe		0	133 - 157 (53 - 62%) Pulse closed	0	
		021 - 255 (9 - 100%) Strobe 0,2Hz - 25Hz		158 - 160 (63%) Random slow  161 - 163 (64%) Random medium  164 - 166 (65%) Random fast  167 - 169 (66 - 67%) Open		
	Douser	000 - 127 (0 - 50%) Douser closed - Douser open		000 - 003 (0 - 2%) Open 004 - 103 (3 - 40%) Strobe 0,18Hz - 2,1Hz 104 - 107 (41 - 42%) Closed 108 - 132 (43 - 52%) Pulse open		
11 Mechanica strobe	Mechanical 128 - 255 (51 - 100%) strobe Strobe 0.18Hz - 2.1Hz closed		0	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	0	
12	Colour changer	See colour sheet on page 4	0	See colour sheet on page 4	0	
13	(Future use)		0		0	

#### LIGHT SOURCE FALCON® BEAM 2 ARC colour 3,000W

**Osram XBO Xtreme Life** is a short arc with very high luminance for brighter illumination.

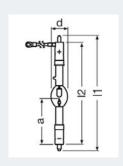
- Constant colour temperature 6,000K throughout the entire lamp lifetime
- Easy to maintain
- ▼ High arc stability
- ▶ Instant light thanks to hot restart function
- Wide dimming range



OSRAM XB0 Xtreme Life 3,000W - XB0 3000 W/HS XL 0FR										
Electrical data					Dimension	s & weight				
Nominal wattage	Nominal current	Current control range	Length	Diameter	Length with base excl. base pins/con- nection	Light center length (LCL)	Electrode gap cold	Weight		
3,000W	100A	60110A	342mm	60mm	302mm	145mm*	6mm	555g		

\*Distance from end of base to tip of electrode (cold)

Photometrical data							
Luminous flux	Luminous intensity	Average luminance					
130,000lm	12,000cd	90,000cd/cm²					



Temperatures & operating conditions	Lifespan	Additional pr	oduct data	Capabilities		
Max. permitted ambient temp. pinch point	Lifespan	Base anode (standard designation)	Base cathode (standard designation)	Cooling	Burning position	
230 °C	2,200hr	SFaX27-9.5	SFa27-7.9	Forced**	s30/p30***	

#### LIGHT SOURCE FALCON® BEAM 2 ARC colour 7,000W

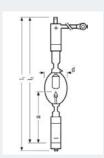
**Osram Xstage 7000 W OFR** is a xenon short-arc lamp especially suited for event and architectural lighting. It offers higher luminance due to shortened arc gap.

- Optimized robust base for better stability
- Optimized compact design
- Colour temperature approx. 6,000K (daylight)
- Dimmable
- Hot restart capability



OSRAM Xstage 7000W - Xstage 7000 W OFR									
	Electric	al data	Photometrical data						
Nominal wattage	Nominal voltage	Lamp current	Current control range	Luminous flux	Luminous intensity	Average luminance			
7,000W	40.0V	160A	110165A	330,000lm	33,000cd	120,000cd/cm <sup>2</sup>			

Dimensions									
Diameter	Length Mounting length		length Light center Electronic Control (LCL) Control (LCL)						
70mm	400mm	362mm	162.5mm*	8 mm					



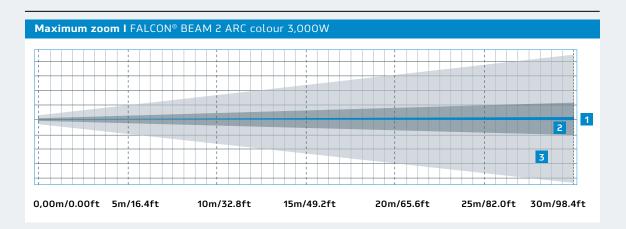
\*Distance from end of base to tip of electrode (cold)

Temperatures & operating conditions	Lifespan	Additional pr	oduct data	Capabilities		
Max. base temperature	Lifespan	Base anode (standard designation)	Base cathode (standard designation)	Cooling	Operating position	
230 °C	1,000hr	SFaX27-9.5	SFc28-27	Forced**	s90	

\*\*Vertical and horizontal

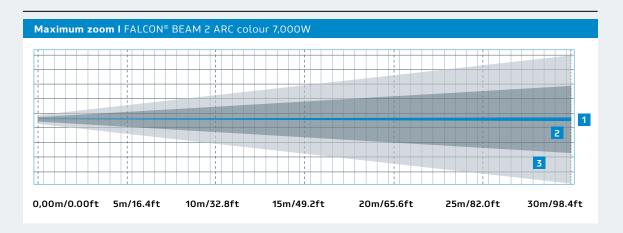
Because of their high luminance, UV radiation and high internal pressure in both the hot and cold state, Xstage lamps must only be operated in enclosed lamp casings specially constructed for the purpose. Always use the supplied protective jackets when handling these lamps. They may only be used as open lamps if appropriate safety measures are taken. More information is available on request or can be found in the leaflet included with the lamp or the operating instructions.

# BEAM SPREADS - ZOOM FALCON® BEAM 2 ARC colour 3,000W



Photometric data maximum zoom   FALCON® BEAM 2 ARC colour 3,000W									
Zoom	0m /	5m /	10m /	15m /	20m /	25m /	30m /		
	0ft	16.4ft	32.8ft	49.2ft	65.6ft	82.0ft	98.4ft		
1 Focussed parallel beam <2.5°	0.32m /	0.34m /	0.36m /	0.38m /	0.40m /	0.42m /	0.44m /		
	1.05ft	1.12ft	1.18ft	1.25ft	1.31ft	1.38ft	1.44ft		
2 Maximum zoom angle	0.32m /	0.43m /	0.87m /	1.30m /	1.74m /	2.17m /	2.60m /		
with full spot 6°	1.05ft	1.41ft	2.85ft	4.26ft	5.71ft	7.11ft	8.53ft		
3 Maximum zoom angle	0.32m /	1.73m /	3.47m /	5.20m /	6.94m /	8.67m /	10.40m /		
with centred hole 20°	1.05ft	5.67ft	11.38ft	17.06ft	22.76ft	28.43ft	34.11ft		

### BEAM SPREADS - ZOOM FALCON® BEAM 2 ARC colour 7,000W



Photometric data maximum zoom   FALCON® BEAM 2 ARC colour 7,000W							
Zoom	0m /	5m /	10m /	15m /	20m /	25m /	30m /
	0ft	16.4ft	32.8ft	49.2ft	65.6ft	82.0ft	98.4ft
1 Focussed parallel beam <2.5°	0.46m /	0.48m /	0.50m /	0.52m /	0.54m /	0.58m /	0.60m /
	1.52ft	1.57ft	1.64ft	1.71ft	1.77ft	1.90ft	1.97ft
2 Maximum zoom angle	0.46m /	0.88m /	1.76m /	2.65m /	3.53m /	4.41m /	5.30m /
with full spot 11°	1.52ft	2.90ft	5.80ft	8.70ft	11.59ft	14.49ft	17.38ft
3 Maximum zoom angle	0.46m /	1.67m /	3.33m /	5.00m /	6.67m /	8.33m /	10.00m /
with centred hole 20°	1.52ft	5.48ft	10.93ft	16.40ft	21.88ft	27.32ft	32.80ft

Technical subjects to alterations.

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