



LIGHT SKY®

BUMBLEBEE

F230 Beam MK2

The Bumblebee F230 MK2 beam represents everything you loved in the highly successful MK1 and more. Also using the Osram Sirius HRI 230w arc lamp but with its more compact size, improved even beam and the addition of second prism which can also be added at the same time as the first bring all the features you loved and much more.

Technical Parameters

Light and power supply system

Voltage	AC100~240V 50/60Hz	Lamp Power	230W
Power	345W	Average lifespan	2000H
Colour temperature	8000K	Strobe	Double strobe structure, 0.5-9 times/second (adjustable)

Color/Pattern/Effect

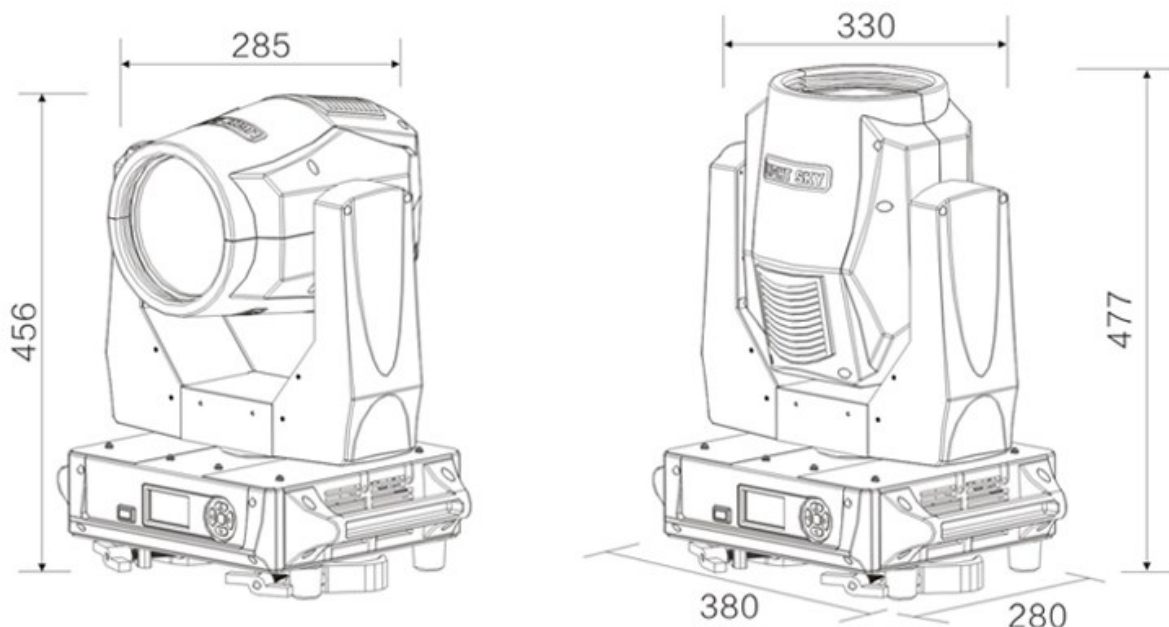
Colour	1 white color+14 colour wheel	Prism	8prism+16 double prism +prism combination
Fixed Gobo	1 blankgobo+11gobo+3animation range	Beam angle	2.5°

Control system

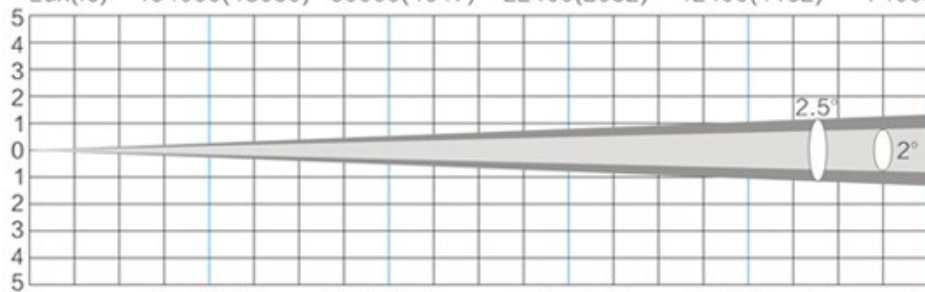
Control mode	DMX512、RDM	Channel	14CH/16CH
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Appearance parameters

Light Size	380X280X477mm	2Pcs to a Flycase	865X470X740mm
A single carton size	400X345X570mm	N.W / G.W	35Kg/69Kg
N.W / G.W	17.5Kg /19.9Kg		



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Distance m(ft in)	0m	10m(32'9")	20m(65'7")	30m(98'4")	40m(131'2")	50m(164')
5%Diameter 2.5° m(ft in)	0m	0.44m(1'5")	0.87m(2'9")	1.3m(4'2")	1.75m(5'8")	2.18m(7'1")
50%Diameter 2° m(ft in)	0m	0.35m(1'1")	0.7m(2'3")	1.0m(3'3")	1.4m(4'7")	1.7m(5'6")

DNX Values

	16 Ch	14 Ch	DMX Value	Function		16 Ch	14 Ch	DMX Value	Function																											
Colour	1	1	0 - 4	White	Gobo Continued	4	4	102 - 115	Gobo 4 Shake Slow > Fast																											
			5 - 8	White + Red				116 - 129	Gobo 5 Shake Slow > Fast																											
			9 - 12	Red				130 - 143	Gobo 6 Shake Slow > Fast																											
			13 - 17	Red + Orange				144 - 157	Gobo 7 Shake Slow > Fast																											
			18 - 21	Orange				158 - 171	Gobo 8 Shake Slow > Fast																											
			22 - 25	Orange + Aquamarine				172 - 185	Gobo 9 Shake Slow > Fast																											
			26 - 29	Aquamarine				186 - 199	Gobo 10 Shake Slow > Fast																											
			30 - 34	Aquamarine + Green				200 - 213	Gobo 11 Shake Slow > Fast																											
			35 - 38	Green				214 - 227	Gobo 12 Shake Slow > Fast																											
			39 - 42	Green + Light Green				228 - 241	Gobo 13 Shake Slow > Fast																											
			43 - 46	Light Green				242 - 255	Gobo 14 Shake Slow > Fast																											
			47 - 51	Light Green + Lavender				Prism	5	5	0 - 64	Unused range																								
			52 - 55	Lavender							64 - 127	Prism 1																								
			56 - 59	Lavender + Pink							128 - 191	Prism 2																								
			60 - 63	Pink	192 - 255	Prism 1 + 2																														
			64 - 68	Pink + Yellow	Prism Rotation	6	6				1 - 63	1-180 deg. Rotation																								
			69 - 72	Yellow							64 - 127	CCW Fast > Slow																								
			73 - 76	Yellow + Magenta							128 - 191	CW Slow > Fast																								
			77 - 81	Magenta							192 - 207	Slow>Fast 90 deg back & forth																								
			82 - 85	Magenta + Cyan				208 - 223	Slow>Fast 180 deg back & forth																											
86 - 89	Cyan	224 - 239	Slow>Fast 270 deg back & forth																																	
90 - 93	Cyan + CTO 260	240 - 255	Slow>Fast 360 deg back & forth																																	
94 - 98	CTO 260	Prism Macro	7	7				1 - 15	Unused range																											
99 - 102	CTO 260 + CTO 190				16 - 55	Fast > Slow 8 prism free switch																														
103 - 106	CTO 190				56 - 95	Fast > Slow 16 prism free switch																														
107 - 110	CTO 190 + CYB 8000				96 - 135	Fast > Slow 8 + 16 prism free switch																														
111 - 115	CTB 8000																																			
116 - 119	CTB 8000 + Blue				135 - 175	8 + 16 prism to switch fast > slow																														
120 - 123	Blue				176 - 215	16 + 8 prism to switch slow > fast																														
124 - 127	Blue + White																																			
128 - 191	CCW Fast > Slow Rotate				216 - 255	Fast > slow 8 & 16 interlock switch																														
192 - 255	CW Slow > Fast Rotate																																			
Strobe	2	2	0 - 3	Closed	Frost	8	8	0 - 255	Out - In																											
			4 - 103	Slow > Fast Strobe				Focus	9	9	0 - 255	Near > Far																								
			104 - 107	Open							Pan	10	10	0 - 255	Pan																					
			108 - 157	Pulsation Slow > Fast - Fast off										Pan Fine	11	11	0 - 255	Pan Fine 2 degrees																		
			158 - 207	Pulsation Slow > Fast - Fast open													Tilt	12	12	0 - 255	Tilt															
			208 - 212	Open																Tilt Fine	13	13	0 - 255	Tilt Fine 2 degrees												
			213 - 251	Random Slow - Fast																			Unused	14												
			252 - 255	Open																						Reset	15		0 - 15	Unused range						
			Dimmer	3																									3	0 - 255	Blackout > Full	16 Ch. Mode			16 - 55	Effects reset
																														Gobo	4				4	0 - 3
4 - 7	Gobo 1	Complete reset																																		
8 - 11	Gobo 2				Lamp Control	16		0 - 25	Unused range																											
12 - 15	Gobo 3							26 - 100	Lamp OFF																											
16 - 19	Gobo 4							101 - 255	Lamp ON																											
20 - 23	Gobo 5							Function		14	0 - 25	Unused range																								
24 - 27	Gobo 6										26 - 30	Effects Reset																								
28 - 31	Gobo 7										31 - 35	Pan/Tilt Reset																								
32 - 39	Gobo 8										36 - 40	Complete reset																								
36 - 39	Gobo 9		41 - 180	Unused range																																
40 - 43	Gobo 10		181 - 200	Lamp OFF																																
44 - 47	Gobo 11	201 - 220	Unused range																																	
48 - 51	Gobo 12	221 - 225	Lamp ON																																	
52 - 55	Gobo 13																																			
56 - 59	Gobo 14																																			
60 - 73	Gobo 1 Shake Slow > Fast																																			
74 - 87	Gobo 2 Shake Slow > Fast																																			
88 - 101	Gobo 3 Shake Slow > Fast																																			