

F4 FC PO IP65

POLE-OPERATED OUTDOOR FRESNEL
SPOTLIGHT WITH RGBW LED
DMX CONTROL TABLE



1CH DIM	2CH DIM 16 Bit	2CH CCT	4Ch CCT 16Bit						
User Color 1	User Color 1			Function	Values			Sub-Group	
1	1	1	1	Dimmer	000	-	255	0% to 100%	Dimmer
	2		2	Dimmer fine	000	-	255	0% to 100%	
		2	3	Color Temperature	000	-	008	Bulb White (2700K)	CCT
					009	-	011	Halogen White (3200K)	
					012	-	014	Neutral White (4000K)	
					015	-	017	Studio White (5600K)	
					018	-	020	Daylight White (6500K)	
			4	Tint (affects Color Temperature)	021	-	255	1600K - 6500K	Tint
		000			-	000	Off		
		001			-	127	Magenta -> Neutral		
		128			-	128	Neutral		
					129	-	255	Neutral -> Green	

3CH RGB	4CH Direct	8CH Direct 16Bit						
(calibra- ted)	(RAW)		Function	Values			Sub-Group	
1	1	1	Red	000	-	255	0% to 100%	Red
		2	Red fine	000	-	255	0% to 100%	
2	2	3	Green	000	-	255	0% to 100%	Green
		4	Green fine	000	-	255	0% to 100%	
3	3	5	Blue	000	-	255	0% to 100%	Blue
		6	Blue fine	000	-	255	0% to 100%	
	4	7	White	000	-	255	0% to 100%	White
		8	White fine	000	-	255	0% to 100%	

6CH HSI-CCT	7CH RGB- CCT						
		Function	Values			Sub-Group	
1	1	Dimmer	000	-	255	0% to 100%	Dimmer
2	2	Dimmer fine	000	-	255	0% to 100%	

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	3	Red	000	-	255	0% to 100%	Red	
		Red fine	000	-	255	0% to 100%		
	4	Green	000	-	255	0% to 100%	Green	
		Green fine	000	-	255	0% to 100%		
	5	Blue	Blue	000	-	255	0% to 100%	Blue
			Blue fine	000	-	255	0% to 100%	
		White	White	000	-	255	0% to 100%	White
			White fine	000	-	255	0% to 100%	
	3		Hue	000	-	255	0° (RED) thru 360°	HSI
	4		Saturation	000	-	255	100% - 0%	
5	6	Color Temperature (overrides RGB + HS)	000	-	005	Off	CCT	
			006	-	008	Bulb White (2700K)		
			009	-	011	Halogen White (3200K)		
			012	-	014	Neutral White (4000K)		
			015	-	017	Studio White (5600K)		
			018	-	020	Daylight White (6500K)		
			021	-	255	1600K - 6500K		
6	7	Tint (affects Color Temperature)	000	-	000	Off	Tint	
			001	-	127	Magenta -> Neutral		
			128	-	128	Neutral		
			129	-	255	Neutral -> Green		

10CH HSI-CCT	16CH Direct-CCT						
		Function	Values				Sub-Group
1	1	Dimmer	000	-	255	0% to 100%	Dimmer
2	2	Dimmer fine	000	-	255	0% to 100%	
3	3	Strobe functions	000	-	005	Strobe open	Multifunctional Strobe
			006	-	010	Strobe closed	
			011	-	033	Pulse Random, slow -> fast	
			034	-	056	Ramp up Random, slow -> fast	
			057	-	079	Ramp down Random, slow -> fast	
			080	-	102	Random Strobe effect, slow -> fast	
			103	-	127	Strobe Break effect, 5s.....1s (short burst with break)	
			128	-	250	Strobe slow -> fast <1Hz - 20Hz	
	4	Red	000	-	255	0% to 100%	Red
		Red fine	000	-	255	0% to 100%	
	5	Green	000	-	255	0% to 100%	Green
		Green fine	000	-	255	0% to 100%	
	6	Blue	000	-	255	0% to 100%	Blue
		Blue fine	000	-	255	0% to 100%	
	7	White	000	-	255	0% to 100%	White
		White fine	000	-	255	0% to 100%	

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4		Hue	000	-	255	0° (RED) thru 360°	HSI
5		Saturation	000	-	255	100% - 0%	
6	12	Color Temperature (overrides RGBW, HS)	000	-	005	Off	CCT
			006	-	008	Bulb White (2700K)	
			009	-	011	Halogen White (3200K)	
			012	-	014	Neutral White (4000K)	
			015	-	017	Studio White (5600K)	
			018	-	020	Daylight White (6500K)	
			021	-	255	1600K - 6500K	
7	13	Tint (affects Color Temperature)	000	-	000	Off	Tint
			001	-	127	Magenta -> Neutral	
			128	-	128	Neutral	
			129	-	255	Neutral -> Green	
8	14	Color Presets (override RGBW, HS, Color Temperature)				Lee Filter No.	Color Presets
			000	-	005	no function	
			006	-	009	46 Dark Magenta	
			010	-	013	29 Plasa Red	
			014	-	017	26 Bright Red	
			018	-	021	127 Smokey Pink	
			022	-	025	36 Medium Pink	
			026	-	029	19 Fire	
			030	-	033	135 Deep Golden Amber	
			034	-	037	778 Millennium Gold	
			038	-	041	21 Gold Amber	
			042	-	045	157 Pink	
			046	-	049	110 Middle Rose	
			050	-	053	109 Light Salmon	
			054	-	057	35 Light Pink	
			058	-	061	134 Golden Amber	
			062	-	065	17 Surprise Peach	
			066	-	069	746 Brown	
			070	-	073	105 Orange	
			074	-	077	20 Medium Amber	
			078	-	081	768 Egg Yolk Yellow	
			082	-	085	15 Deep Straw	
			086	-	089	767 Oklahoma Yellow	
			090	-	093	101 Yellow	
			094	-	097	100 Spring Yellow	
			098	-	101	88 Lime Green	
			102	-	105	121 LEE Green	
			106	-	109	738 Jas Green	
110	-	113	89 Moss Green				
114	-	117	139 Primary Green				
118	-	121	124 Dark Green				
122	-	125	323 Jade				
126	-	129	354 Special Steel Blue				
130	-	133	116 Medium Blue-Green				
134	-	137	183 Moonlight Blue				

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			Lee Filter No.		
8	14	Color Presets (override RGBW, HS, Color Temperature)	138 - 141	132 Medium Blue	Color Presets
			142 - 145	119 Dark Blue	
			146 - 149	716 Mikkel Blue	
			150 - 153	71 Tokyo Blue	
			154 - 157	181 Congo Blue	
			158 - 161	799 Special KH Lavender	
			162 - 165	707 Ultimate Violet	
			166 - 169	343 Special Medium Lavender	
			170 - 173	798 Chrysalis Pink	
			174 - 177	701 Provence	
			178 - 181	797 Deep Purple	
			182 - 185	48 Rose Purple	
			186 - 189	345 Fuchsia Pink	
			190 - 193	795 Magical Magenta	
			194 - 197	128 Bright Pink	
			198 - 201	2 Rose Pink	
			202 - 207	User Color_1	
			208 - 213	User Color_2	
			214 - 219	User Color_3	
			220 - 225	User Color_4	
226 - 231	User Color_5				
232 - 237	User Color_6				
238 - 243	User Color_7				
244 - 249	User Color_8				
250 - 255	no function				
9	15	Color Preset Crossfade (affects Color Temperature, HS)	000 - 005	0s	
			006 - 105	0,1s - 10s (0,1s Steps)	
			106 - 214	11s - 119s (1s Steps)	
			215 - 244	2m - 4m50s (10s Steps)	
			245 - 255	5m - 15m (1m Steps)	
10	16	Device Settings (please read remark 1*)	000 - 077	no function	Device Settings
			078 - 079	Dimmer Response LED (hold 1,5s)	
			080 - 081	Dimmer Response Halogen (hold 1,5s)	
			082 - 083	DTW (Redshift) on (hold 1,5s)	
			084 - 085	DTW (Redshift) off (hold 1,5s)	
			086 - 101	no function	
			102 - 103	Silent Fan (hold 3s)	
			104 - 105	Auto Fan (hold 3s)	
			106 - 123	no function	
			124 - 125	LED Frequency 600Hz (hold 3s)	
			126 - 127	LED Frequency 1200Hz (hold 3s)	
			128 - 129	LED Frequency 2000Hz (hold 3s)	
			130 - 131	LED Frequency 4000Hz (hold 3s)	
			132 - 133	LED Frequency 6000Hz (hold 3s)	
			134 - 135	LED Frequency 25kHz (hold 3s)	
			136 - 167	no function	
			168 - 169	Dimmer Curve Linear (hold 3s)	
			170 - 171	Dimmer Curve Exponential (hold 3s)	
			172 - 173	Dimmer Curve Logarithmic (hold 3s)	
			174 - 175	Dimmer Curve S-Curve (hold 3s)	

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10	16	Device Settings (please read remark 1*)	176	-	205	no function	Device Settings
			206	-	207	RAW-Mode (hold 3s)	
			208	-	209	User Calibrated-Mode (hold 3s)	
			210	-	211	Factory Calibrated-Mode (hold 3s)	
			212	-	243	no function	
			244	-	245	Default set (except User Colour, DMX-Address and Mode) (Hold 3s)	
			246	-	255	no function	

EN: (1*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.

DE: (1*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endlosen Funktionsaufruf zu vermeiden.

FR: (1*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.

ES: (1*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.

PL: (1*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.

IT: (1*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.