

# DMX CHARTS

**RDM Personality ID List**

ID	DMX Mode	Footprint
1	2CH	2CH
2	3CH	3CH
3	4CH1	4CH1
4	4CH2	4CH2
5	9CH	9CH

**RDM Model ID**

ARCSPOTDOTVW	0xD133
ARCSPOTXSVW	0xD134
ARCSPOTSVW	0xD135
ARCSPOTMVW	0xD136
ARCSPOTLVW	0xD137
ARCSPOTXLVW	0xD138

PARAMETER	MODE				
	2CH	3CH	4CH1	4CH2	9CH
DIMMER	1		1	1	1
DIMMER FINE				2	2
STROBE					3
CCT	2			3	4
CROSSFADE					5
WARM WHITE		1	2		6
COLD WHITE		2	3		7
RESERVED		3	4	4	8
CONTROL					9

**Dimmer**

Function	8 bit value		16 bit value		Note
	From	To	From	To	
DIMMER	0	255	0	65535	Default @ 0

**Strobe**

Function	8 bit value		16 bit value		Note
	From	To	From	To	
OPEN	0	1	-	-	Default @ 255
STROBE FROM SLOW TO FAST	2	62	-	-	
OPEN	63	64	-	-	
PULSE IN FROM SLOW TO FAST	65	125	-	-	
CLOSE	126	127	-	-	
PULSE OUT FROM SLOW TO FAST	128	188	-	-	
OPEN	189	190	-	-	
RANDOM FROM SLOW TO FAST	191	251	-	-	
OPEN	252	255	-	-	

**CCT**

Function		8 bit value		16 bit value		Note
From	To	From	To	From	To	
2700	2800	0	7	-	-	Default @ 0
2800	2900	7	13	-	-	
2900	3000	13	20	-	-	
3000	3100	20	27	-	-	
3100	3200	27	34	-	-	
3200	3300	34	40	-	-	
3300	3400	40	47	-	-	
3400	3500	47	54	-	-	
3500	3600	54	60	-	-	
3600	3700	60	67	-	-	
3700	3800	67	74	-	-	
3800	3900	74	81	-	-	
3900	4000	81	87	-	-	
4000	4100	87	94	-	-	
4100	4200	94	101	-	-	
4200	4300	101	107	-	-	
4300	4400	107	114	-	-	
4400	4500	114	121	-	-	
4500	4600	121	128	-	-	
4600	4700	128	134	-	-	
4700	4800	134	141	-	-	
4800	4900	141	148	-	-	
4900	5000	148	154	-	-	

**CCT**

Function		8 bit value		16 bit value		Note
From	To	From	To	From	To	
5000	5100	154	161	-	-	Default @ 0
5100	5200	161	168	-	-	
5200	5300	168	174	-	-	
5300	5400	174	181	-	-	
5400	5500	181	188	-	-	
5500	5600	188	195	-	-	
5600	5700	195	201	-	-	
5700	5800	201	208	-	-	
5800	5900	208	215	-	-	
5900	6000	215	221	-	-	
6000	6100	221	228	-	-	
6100	6200	228	235	-	-	
6200	6300	235	242	-	-	
6300	6400	242	248	-	-	
6400	6500	248	255	-	-	

**Crossfade from CCT to WW/CW**

Function	8 bit value		16 bit value		Note
	From	To	From	To	
LINEAR CROSSFADE	0	255	-	-	Default @ 0

**Warm White**

Function	8 bit value		16 bit value		Note
	From	To	From	To	
DIMMER	0	255	0	-	Default @ 255

**Cold White**

Function	8 bit value		16 bit value		Note
	From	To	From	To	
DIMMER	0	255	0	65535	Default @ 255

Function	Control				Note
	8 bit value		16 bit value		
	From	To	From	To	
NO FUNCTON	0	1	-	-	Default @ 0 Hold 3s to take function
DIMMER CURVE LINEAR	2	3	-	-	
DIMMER CURVE S-CURVE	4	5	-	-	
DIMMER CURVE SQUARE LAW	6	7	-	-	
DIMMER CURVE INVERSE SQUARE LAW	8	9	-	-	
DIMMER SPEED AUTO	10	11	-	-	
DIMMER SPEED FAST	12	13	-	-	
DIMMER SPEED MEDIUM	14	15	-	-	
DIMMER SPEED SLOW	16	17	-	-	
DIMMER SPEED OFF	18	19	-	-	
LED FREQUENCY 600HZ	20	21	-	-	
LED FREQUENCY 1200HZ	22	23	-	-	
LED FREQUENCY 2000HZ	24	25	-	-	
LED FREQUENCY 4000HZ	26	27	-	-	
LED FREQUENCY 6000HZ	28	29	-	-	
LED FREQUENCY 25KHZ	30	31	-	-	
DMX FAULT HOLD	32	33	-	-	
DMX FAULT BLACKOUT	34	35	-	-	
DMX FAULT STAND ALONE	36	37	-	-	
STAND ALONE MASTER DMX	38	39	-	-	
STAND ALONE MASTER NO DMX	40	41	-	-	
STAND ALONE SLAVE	42	43	-	-	
STAND ALONE EFFECTS	44	45	-	-	
STAND ALONE FIXED COLORS	46	47	-	-	
STAND ALONE WHITE PRESETS	48	49	-	-	
STAND ALONE MANUAL CW+WW	50	51	-	-	
RESERVED	52	249	-	-	
RESET ALL CHANNEL CONTROLLED	250	251	-	-	
RESERVED	252	255	-	-	