

DMX CHARTS

RDM Personality ID List

ID	DMX Mode	Footprint
1	UNO	1CH
2	BASIC	3CH
3	STANDARD	5CH
4	EXTENDED	10CH

RDM Model ID: 0xD165

PARAMETER	MODE			
	BASIC	BASIC 16BIT	STANDARD	EXTENDED
DIMMER	1	1	1	1
DIMMER FINE	-	-	2	2
STROBE	-	-	3	3
CCT	-	2	4	4
XFADE CCT to WWCW	-	-	-	5
WW	-	-	-	6
WW Fine	-	-	-	7
CW	-	-	-	8
CW Fine	-	-	-	9
CONTROL	-	3	5	10

DMX CHANNEL DETAILS

UNO	BASIC	STNDRD	EXTND	Function	DMX value		Default
					from	to	
1	1	1	1	DIMMER Lineary from close to open	000	255	000
-	-	2	2	DIMMER FINE Lineary from close to open	000	255	000
-	-	3	3	STROBE			0
				Open	0	1	
				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	
				Randon from slow to fast	191	251	
				Open	252	255	
-	2	4	4	CCT 2700K - 5600K Check "CCT" on page 18	000	255	000
-	-	-	5	XFADE FROM CCT TO COLOR Lineary from 0% to 100%	000	255	255
-	-	-	6	WW Lineary from 0% to 100%	000	255	255
-	-	-	7	WW FINE Lineary from 0% to 100%	000	255	255
-	-	-	8	CW Lineary from 0% to 100%	000	255	255
-	-	-	9	CW FINE Lineary from 0% to 100%	000	255	255
-	3	5	10	CONTROL Check "Control Channel" on page 19	///	///	000

CCT (2700K - 5600K)

Function		8 bit value		16 bit value		Note
CCT(K) From	CCT(K) To	From	To	From	To	
2700	2800	0	9	0	2260	Default @ 0
2800	2900	9	18	2260	4520	
2900	3000	18	26	4520	6779	
3000	3100	26	35	6779	9039	
3100	3200	35	44	9039	11299	
3200	3300	44	53	11299	13559	
3300	3400	53	62	13559	15819	
3400	3500	62	70	15819	18079	
3500	3600	70	79	18079	20338	
3600	3700	79	88	20338	22598	
3700	3800	88	97	22598	24858	
3800	3900	97	106	24858	27118	
3900	4000	106	114	27118	29378	
4000	4100	114	123	29378	31638	
4100	4200	123	132	31638	33897	
4200	4300	132	141	33897	36157	
4300	4400	141	149	36157	38417	
4400	4500	149	158	38417	40677	
4500	4600	158	167	40677	42937	
4600	4700	167	176	42937	45197	
4700	4800	176	185	45197	47456	
4800	4900	185	193	47456	49716	
4900	5000	193	202	49716	51976	
5000	5100	202	211	51976	54236	
5100	5200	211	220	54236	56496	
5200	5300	220	229	56496	58756	
5300	5400	229	237	58756	61015	
5400	5500	237	246	61015	63275	
5500	5600	246	255	63275	65535	

CONTROL CHANNEL

Function Hold 3s to take function		8 bit value		Note
		From	To	
No Function / Safe		0	1	Default @ 0
DIMMER CURVE	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	DIMMER SPEED AUTO	10	11	
	DIMMER SPEED FAST	12	13	
	DIMMER SPEED MEDIUM	14	15	
	DIMMER SPEED SLOW	16	17	
LED FREQUENCY	LED FREQUENCY 600HZ	18	19	
	LED FREQUENCY 1200HZ	20	21	
	LED FREQUENCY 2000HZ	22	23	
	LED FREQUENCY 4000HZ	24	25	
	LED FREQUENCY 6000HZ	26	27	
DMX FAULT	LED FREQUENCY 25KHZ	28	29	
	DMX FAULT HOLD	30	31	
	DMX FAULT BLACKOUT	32	33	
	DMX FAULT STAND ALONE	34	35	
STAND ALONE	STAND ALONE MASTER DMX	36	37	
	STAND ALONE MASTER NO DMX	38	39	
	STAND ALONE SLAVE	40	41	
	STANDALONE CCT	42	43	
	STANDALONE MANUAL COLOR	44	45	
Reserved		46	251	
FACTORY DEFAULT OF CONTROL FUNCTIONS		252	253	
Reserved		254	255	