

GEMINI RDM CHART V2.8

For use with Gemini FW Rev E4 and later: December 2023



For use with Gemini 2x1 or 1x1 FW Rev E4 and later (RDM Software Version ID 0x0000000A):

*** Set Gemini Fixture COMMS SELECT to "WIRED DMX/RDM IN"**

COMMAND	PID	DESCRIPTION	NOTES
Manufacturer ID	0x01AA	Manufacturer ID# (Vitec Group)	
Device ID			
Model ID	0x0102	Gemini 2x1 Soft	
	0x0201	Gemini 1x1 Soft	
	0x0202	Gemini 1x1 Hard	
	0x0103	Gemini 2x1 Hard	
Personality			
		DMX Personality	
	0x01	P1: CCT&RGBW 8b (Footprint = 12)	
	0x02	P2: CCT 8b (Footprint = 6)	
	0x03	P3: CCT&HSI 8b (Footprint = 10)	
	0x04	P4: RGBW 8b (Footprint = 8)	
	0x05	P5: HSI 8b (Footprint = 6)	
	0x06	P6: CCT&RGBW 16b (Footprint = 20)	
	0x07	P7: CCT 16b (Footprint = 8)	
	0x08	P8: CCT&HSI 16b (Footprint = 16)	
	0x09	P9: RGBW 16b (Footprint = 14)	
	0x0A	P10: HSI 16b (Footprint = 8)	
	0x0B	P11: GEL 8b (Footprint = 7)	
	0x0C	P12: GEL 16b (Footprint = 8)	
	0x0D	P13: EFFECTS 8b (Footprint = 9)	
	0x0E	P14: EFFECTS 16b (Footprint = 16)	
	0x0F	P15: PRESETS 8b (Footprint = 5)	
	0x10	P16: PRESETS 16b (Footprint = 7)	
	0x11	P17: XY 8b (Footprint = 11)	
	0x12	P18: XY 16b (Footprint = 17)	
	0x13	P19: HSIC 8b (Footprint = 6)	
	0x14	P20: HSIC 16b (Footprint = 10)	
	0x15	P21: RGBTD 8b (Footprint = 7)	
	0x16	P22: RGBTD 16b (Footprint = 13)	
	0x17	P40: HSIC +EFX 16b (Footprint = 22)	
	0x18	S1: CCTRGBW 8b (Footprint = 12)	
	0x19	S2: CCT 8b (Footprint = 7)	
	0x1A	S3: CCTHSI 8b (Footprint = 10)	
	0x1B	S4: RGBW 8b (Footprint = 9)	
	0x1C	S5: HSI 8b (Footprint = 7)	
	0x1D	S6: CCTRGBW 16b (Footprint = 20)	
	0x1E	S7: CCT 16b (Footprint = 10)	
	0x1F	S8: CCTHSI 16b (Footprint = 16)	
	0x20	S9: RGBW 16b (Footprint = 14)	
	0x21	S10: HSI 16b (Footprint = 10)	
	0x22	S11: CCTRGBW C/F (Footprint = 18)	
	0x23	S12: CCT C/F (Footprint = 9)	
	0x24	S13: CCTHSI C/F (Footprint = 14)	
	0x25	S14: RGBW C/F (Footprint = 14)	

	0x26	S15: HSI C/F (Footprint = 10)	
	0x27	S16: SUPREME 8b (Footprint = 20)	
	0x28	S17: SUPREME 16b (Footprint = 38)	
Category - Network Management			
DISC_UNIQUE_BRANCH	0x0001	Discover RDM Devices	
DISC_MUTE	0x0002	(G S) Mute device (no Discovery response)	
DISC_UNMUTE	0x0003	(G S) Enable device for Discovery response	
Category - RDM Information			
SUPPORTED PARAMETERS	0x0050	(G) Gets a list of all supported RDM commands	
PARAMETER DESCRIPTION	0x0051	(G) Gets a list of non-standard RDM commands	
Category - Product Information			
DEVICE INFO	0x0060	(G) Gets info regarding the device	
DEVICE MODEL DESCRIPTION	0x0080	(G) Gets description of controlled device (text)	
MANUFACTURER LABEL	0x0081	(G) Gets label of controlled device (text= Vitec Group)	
DEVICE LABEL	0x0082	(G, S) Gets or Sets descriptive label for device	
SOFTWARE VERSION LABEL	0x00C0	(G) Gets software version	
Category - DMX512 Setup			
DMX PERSONALITY	0x00E0	(G, S) Gets or Sets DMX Mode	
DMX PERSONALITY DESCRIPTION	0x00E1	(G) Gets description of the DMX Personality	
DMX START ADDRESS	0x00F0	(G, S) Gets or Sets DMX Base Address	
SLOT INFO	0x0120	(G) Gets the description from each slot (max 32 char text)	
SLOT DESCRIPTION	0x0121	(G) Request an ASCII text description for DMX512 slot offsets	
Category - Sensors			
	0x02xx		
SENSOR DEFINITION	0x0200	(G) Gets the definition of a specific sensor	
SENSOR VALUE	0x0201	(G) Gets the sensor data	
Category - Power / Lamp Settings			
	0x04xx		
DEVICE HOURS	0x0400	(G) Gets the total number of "ON" hours of device	
LAMP HOURS	0x0401	(G) Gets the total number of "LAMP ON" hours of device	
DEVICE POWER CYCLES	0x0405	(G) Gets the number of power cycles of device	
Category - Display Settings			
	0x05xx		
DISPLAY INVERT	0x0500	(G, S) Gets or Sets the display invert setting	
DISPLAY LEVEL	0x0501	(G, S) Gets or Sets the display Dim Level	
Category - Control			
	0x10xx		
IDENTIFY DEVICE	0x1000	(G, S) Physically identify the device represented by the UID	
RESET DEVICE	0x1001	(S) Instruct the responder to reset itself	
Category - Manufacturer Commands			
	0x8xxx		
FAN MODE	0x8000	(G, S) Gets or Sets the Fan Mode of device	
		FAN AUTO= 0x00	
		FAN OFF= 0x01	
		FAN DELAYED= 0x02	
		FAN ON (MAX)= 0x03	
		FAN DMX MODE= 0x04	
HSI SATURATION CURVE	0x8001	(G, S) Gets and Sets the HSI Saturation Curve setting	
		Linear Curve= 0	
		Log Curve= 1	

Change Log

RDM chart V1.0- Initial, preliminary release.

RDM chart V2.0-

Removed Status Collection PIDs which are not yet supported in the Gemini Fixture

Corrected DMX Personality Footprint Sizes

Added PIDs 0x0121, 0x1000, & 0x1001

Corrected PID mismatch for DMX MODE CNTRL ENABLE and HSI SATURATION CURVE

Added additional sensors for RGB Temperature, Fan Speed, & Sensor Faults

RDM chart V2.1-

Added Gemini 1x1 PIDs

RDM chart V2.2-

Removed PID 0x8004

Corrected Model ID Values

RDM chart V2.3-

Re-ordered DMX Personalities to place more heavily used items at the start of the list

RDM chart V2.4-

Added CCT Color Mode Control

RDM chart V2.5-

Added XY Color Mode Control

RDM chart V2.6-

Refactored DMX Profiles to Match Standard vs Litepanels Naming Scheme

RDM chart V2.7-

Added Diffusion Mode PID, Dim Curve PID, & Encoder Lockout PID. Also added HSIC and HSIC+Effects to DMX Personality List.

RDM chart V2.8-

Extended Diffusion Mode PID and Dim Curve PID. Also added RBGTD to DMX Personality List. All units now have 10000K range, CCT range parameter no set via RDM

END OF RDM CHART