



LED PWM CHANNEL MAP

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PROJECT: CG Tour - Scenic LED on Band Risers

REF: SGPS #10883 Task 405

DATE: 7/8/2026

CENTER BAND RISER

DMX CHANNEL START	LED SEGMENTS INCLUDED	LENGTH	MAX WATTS	MAX AMPS
	A1	9'-4" / 2845 mm	65	2.7
	A2	9'-4" / 2845 mm	65	2.7
	B1 + B2	11'-2" / 3404 mm	78	3.3
	B3 + B4	14'-3" / 4343 mm	100	4.2
	C1 + C2	16'-1" / 4902 mm	112	4.7
	C3 + C4	14'-7" / 4445 mm	102	4.3
	D1 + D2	10'-3" / 3124 mm	72	3.0
	D3 + D4	12'-4" / 3759 mm	86	3.6
	D5 + D6	16'-6" / 5029 mm	116	4.8
	E1 + E2	11'-9" / 3581 mm	83	3.4
	E3 + E4	12'-4" / 3759 mm	86	3.6
	E5 + E6 + E7	22'-1" / 6731 mm	154	6.4
	TOTAL	160'-0" / 48768 mm	1120	46.7

STAGE LEFT BAND RISER

DMX CHANNEL START	LED SEGMENTS INCLUDED	LENGTH	MAX WATTS	MAX AMPS
	F1 + F2	11'-0" / 3353 mm	77	3.2
	F3 + F4	12'-1" / 3683 mm	85	3.5
	F5 + F6	13'-3" / 4039 mm	92	3.9
	G1 + G2	14'-11" / 4547 mm	104	4.3
	G3 + G4	10'-10" / 3302 mm	76	3.2
	G5	8'-3" / 2515 mm	58	2.4
	G6 + G7	16'-0" / 4877 mm	112	4.7
	G8	7'-8" / 2337 mm	54	2.2
	TOTAL	94'-0" / 28651 mm	658	27.4

STAGE RIGHT BAND RISER

DMX CHANNEL START	LED SEGMENTS INCLUDED	LENGTH	MAX WATTS	MAX AMPS
	H1 + H2	10'-8" / 3251 mm	75	3.1
	H3 + H4	12'-0" / 3658 mm	84	3.5
	H5	6'-8" / 2032 mm	46	1.9
	I1 + I2	14'-9" / 4496 mm	103	4.3
	I3 + I4	14'-5" / 4394 mm	101	4.2
	I5 + I6	14'-2" / 4318 mm	100	4.2
	I7	8'-2" / 2489 mm	57	2.4
	TOTAL	80'-11" / 24663 mm	566	23.6

DMX PROFILE - EACH GROUP (4-CHANNEL RGBW)

CH OFFSET	FUNCTION	VALUE
+0	RED	0-255 = intensity
+1	GREEN	0-255 = intensity
+2	BLUE	0-255 = intensity
+3	WHITE	0-255 = intensity
+4	-	not used (spacing)

Actual channel = group DMX start + CH offset. Group start channels are TBD pending final rack locations.

Notes

Tape: GlowbackLED 24VCS3596IP65RGBW - 24V RGBW PWM tape, 7 W/ft. Max Watts = length (ft) x 7; Max Amps = watts / 24.

DMX: 4 channels (RGBW) per segment group on 5-channel spacing; the 5th channel of each output is unused. Start channels TBD pending final rack locations.

Lengths estimated from SGPS pixel counts, +/-2-3% pending dimensioned drawing. Center riser SR half (A3-A4, B5-B8, C5-C8, D7-D12, E8-E14) mirrors the SL half; groups repeat.

SR grouping is KG3 mirror interpretation of SL, adjustable.