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LED SEGMENT CHECKLIST

KG3-BEA-CHK-01 · Beabadoobee 2026 Headline Tour · 24 show pieces + 9 spares · September 2, 2026

Cut
LumiRope 360 22 mm black, 20 px/m, cut points every 50 mm. Cut = drawing length rounded UP to the next 50 mm. Never round down. Show pieces come out of 10 m and 11 m stock; USR out of 5 m.

Leads · 12 in finished
Leave
12 in of lead measured from the rope end
at every column junction (factory lead is about 1 m, so about 27 in comes off). Measure from the rope, mark, then cut. Rack-fed IN ends and USR far ends: length per Kenny.

NL4 gender
Every rope points the same way:
IN end = FEMALE, OUT end = MALE
. The end arriving at a column is male (18), the end leaving is female (10). No male to male anywhere.

Pin map (NL4 SPI)
1+ RED = V+ 24V
1- YELLOW = SPI data
2- BLACK = GND
2+ empty Label = band template, IN and OUT on each piece. Test = power up, full white, count pixels.

CUT	LEADS	LABEL	TEST	PIECE	DRAWING	CUT / PX	CONTROLLER	UNIVERSE.CH	ENDS	INIT / DATE
DS wire ropes (MS WIRE ROPE) · 6 pieces										
☐	☐	☐	☐	**DS1-1** seg 1 of 2 · DS1	**30'0"** 9.14 m	**9,150 mm** 183 px	CTRL A · out 1 NL4 single	41.1 to 42.39 run 41-43	IN **F** rack feeder OUT **M** NJCT 1 (DSP, LX truss) · 12 in	
☐	☐	☐	☐	**DS1-2** seg 2 of 2 · DS1	**30'6"** 9.30 m	**9,300 mm** 186 px	CTRL A · out 1 NL4 single	42.40 to 43.87 run 41-43	IN **F** NJCT 1 (DSP, LX truss) · 12 in OUT **M** NJCT 2 (DS end, backdrop truss) · 12 in	
☐	☐	☐	☐	**DS2-1** seg 1 of 2 · DS2	**30'0"** 9.14 m	**9,150 mm** 183 px	CTRL A · out 2 NL8 a	44.1 to 45.39 run 44-46	IN **F** rack feeder OUT **M** NJCT 1 (DSP, LX truss) · 12 in	
☐	☐	☐	☐	**DS2-2** seg 2 of 2 · DS2	**30'6"** 9.30 m	**9,300 mm** 186 px	CTRL A · out 2 NL8 a	45.40 to 46.87 run 44-46	IN **F** NJCT 1 (DSP, LX truss) · 12 in OUT **M** NJCT 2 (DS end, backdrop truss) · 12 in	
☐	☐	☐	☐	**DS3-1** seg 1 of 2 · DS3	**30'0"** 9.14 m	**9,150 mm** 183 px	CTRL A · out 3 NL8 b	47.1 to 48.39 run 47-49	IN **F** rack feeder OUT **M** NJCT 1 (DSP, LX truss) · 12 in	
☐	☐	☐	☐	**DS3-2** seg 2 of 2 · DS3	**30'6"** 9.30 m	**9,300 mm** 186 px	CTRL A · out 3 NL8 b	48.40 to 49.87 run 47-49	IN **F** NJCT 1 (DSP, LX truss) · 12 in OUT **M** NJCT 2 (DS end, backdrop truss) · 12 in	
US wire ropes (US WIRE ROPE) · 6 pieces										
☐	☐	☐	☐	**US4-1** seg 1 of 2 · US4	**28'4"** 8.64 m	**8,650 mm** 173 px	CTRL B · out 2 NL4 single	58.1 to 59.9 run 58-59	IN **F** rack feeder OUT **M** NJCT 3 (USP, scenic truss) · 12 in	
☐	☐	☐	☐	**US4-2** seg 2 of 2 · US4	**21'10"** 6.65 m	**6,700 mm** 134 px	CTRL B · out 2 NL4 single	59.10 to 59.411 run 58-59	IN **F** NJCT 3 (USP, scenic truss) · 12 in OUT **M** NJCT 4 (US end, scenic truss) · 12 in	
☐	☐	☐	☐	**US5-1** seg 1 of 2 · US5	**28'4"** 8.64 m	**8,650 mm** 173 px	CTRL B · out 3 NL8 a	60.1 to 61.9 run 60-61	IN **F** rack feeder OUT **M** NJCT 3 (USP, scenic truss) · 12 in	
☐	☐	☐	☐	**US5-2** seg 2 of 2 · US5	**21'10"** 6.65 m	**6,700 mm** 134 px	CTRL B · out 3 NL8 a	61.10 to 61.411 run 60-61	IN **F** NJCT 3 (USP, scenic truss) · 12 in OUT **M** NJCT 4 (US end, scenic truss) · 12 in	
☐	☐	☐	☐	**US6-1** seg 1 of 2 · US6	**28'4"** 8.64 m	**8,650 mm** 173 px	CTRL B · out 4 NL8 b	62.1 to 63.9 run 62-63	IN **F** rack feeder OUT **M** NJCT 3 (USP, scenic truss) · 12 in	
☐	☐	☐	☐	**US6-2** seg 2 of 2 · US6	**21'10"** 6.65 m	**6,700 mm** 134 px	CTRL B · out 4 NL8 b	63.10 to 63.411 run 62-63	IN **F** NJCT 3 (USP, scenic truss) · 12 in OUT **M** NJCT 4 (US end, scenic truss) · 12 in	
USR1 (US 1) · 3 pieces										
☐	☐	☐	☐	**USR1-1** seg 1 of 1 · USR1-1	**16'0"** 4.88 m	**4,900 mm** 98 px	CTRL C · out 1 NL4 single	64.1 to 64.294 run 64-64	IN **F** rack feeder OUT **M** far end (no injector)	
☐	☐	☐	☐	**USR1-2** seg 1 of 1 · USR1-2	**16'0"** 4.88 m	**4,900 mm** 98 px	CTRL C · out 2 NL8 a	65.1 to 65.294 run 65-65	IN **F** rack feeder OUT **M** far end (no injector)	
☐	☐	☐	☐	**USR1-3** seg 1 of 1 · USR1-3	**16'0"** 4.88 m	**4,900 mm** 98 px	CTRL C · out 3 NL8 b	66.1 to 66.294 run 66-66	IN **F** rack feeder OUT **M** far end (no injector)	
USR2 (US 2) · 3 pieces										

CUT	LEADS	LABEL	TEST	PIECE	DRAWING	CUT / PX	CONTROLLER	UNIVERSE.CH	ENDS	INIT / DATE
☐	☐	☐	☐	**USR2-1** seg 1 of 1 · USR2-1	**16'4"** 4.98 m	**5,000 mm** 100 px	CTRL D · out 1 NL4 single	67.1 to 67.300 run 67-67	IN **F** rack feeder OUT **M** far end (no injector)	
☐	☐	☐	☐	**USR2-2** seg 1 of 1 · USR2-2	**16'4"** 4.98 m	**5,000 mm** 100 px	CTRL D · out 2 NL8 a	68.1 to 68.300 run 68-68	IN **F** rack feeder OUT **M** far end (no injector)	
☐	☐	☐	☐	**USR2-3** seg 1 of 1 · USR2-3	**16'4"** 4.98 m	**5,000 mm** 100 px	CTRL D · out 3 NL8 b	69.1 to 69.300 run 69-69	IN **F** rack feeder OUT **M** far end (no injector)	
Audience (DS ROPE 1) · 6 pieces										
☐	☐	☐	☐	**AUD1-1** seg 1 of 3 · AUD1	**26'2"** 7.98 m	**8,000 mm** 160 px	CTRL A · out 4 NL8 a	50.1 to 50.480 run 50-53	IN **F** rack feeder OUT **M** NJCT 5 (AP1 motor) · 12 in	
☐	☐	☐	☐	**AUD1-2** seg 2 of 3 · AUD1	**33'4"** 10.16 m	**10,200 mm** 204 px	CTRL A · out 4 NL8 a	50.481 to 52.72 run 50-53	IN **F** NJCT 5 (AP1 motor) · 12 in OUT **M** NJCT 6 (AP2 motor) · 12 in	
☐	☐	☐	☐	**AUD1-3** seg 3 of 3 · AUD1	**33'5"** 10.19 m	**10,200 mm** 204 px	CTRL A · out 4 NL8 a	52.73 to 53.174 run 50-53	IN **F** NJCT 6 (AP2 motor) · 12 in OUT **M** NJCT 7 (AP3 motor) · 12 in	
☐	☐	☐	☐	**AUD2-1** seg 1 of 3 · AUD2	**27'2"** 8.28 m	**8,300 mm** 166 px	CTRL B · out 1 NL8 b	54.1 to 54.498 run 54-57	IN **F** rack feeder OUT **M** NJCT 5 (AP1 motor) · 12 in	
☐	☐	☐	☐	**AUD2-2** seg 2 of 3 · AUD2	**33'7"** 10.24 m	**10,250 mm** 205 px	CTRL B · out 1 NL8 b	54.499 to 56.93 run 54-57	IN **F** NJCT 5 (AP1 motor) · 12 in OUT **M** NJCT 6 (AP2 motor) · 12 in	
☐	☐	☐	☐	**AUD2-3** seg 3 of 3 · AUD2	**33'5"** 10.19 m	**10,200 mm** 204 px	CTRL B · out 1 NL8 b	56.94 to 57.195 run 54-57	IN **F** NJCT 6 (AP2 motor) · 12 in OUT **M** NJCT 7 (AP3 motor) · 12 in	
Spares (stock lengths, do not cut) · 9 pieces										
☐	☐	☐	☐	**SPARE-5M-1** any 5 m	**5m stock** 5.00 m	**5,000 mm** 100 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-5M-2** any 5 m	**5m stock** 5.00 m	**5,000 mm** 100 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-5M-3** any 5 m	**5m stock** 5.00 m	**5,000 mm** 100 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-10M-1** any 10 m	**10m stock** 10.00 m	**10,000 mm** 200 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-10M-2** any 10 m	**10m stock** 10.00 m	**10,000 mm** 200 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-10M-3** any 10 m	**10m stock** 10.00 m	**10,000 mm** 200 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-11M-1** any 11 m	**11m stock** 11.00 m	**11,000 mm** 220 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-11M-2** any 11 m	**11m stock** 11.00 m	**11,000 mm** 220 px	*stock spare · label + test only*			
☐	☐	☐	☐	**SPARE-11M-3** any 11 m	**11m stock** 11.00 m	**11,000 mm** 220 px	*stock spare · label + test only*			