

# MAXIMUM WIRE DISTANCE FROM DRIVER

## Lutron Ecosystem Maximum Digital Link Length (in Feet)

AWG Wire Gauge	Length
12	2200 ft
14	1400 ft
16	900 ft
18	550 ft

## 0-10V Maximum Distance (in Feet) between Drivers and Dimmer

		AWG Wire Gauge					
		12	14	16	18	20	22
Number of Drivers	10	1995	1259	794	501	316	200
	20	998	629	397	251	158	100
	30	665	420	265	167	105	67
	40	499	315	199	125	79	50
	50	399	252	159	100	63	40
	60	333	210	132	84	53	33
	70	285	180	113	72	45	29
	80	249	157	99	63	40	25
	90	222	140	88	56	35	22
	100	200	126	79	50	32	20

## Dali Maximum Dali-compliant Bus Wire Length (in Feet)

AWG Wire Gauge	Length
14	984 ft
18	492 ft
20	328 ft

## 0-10V Maximum Distance (in Feet) between Driver and LED Boards

		AWG Wire Gauge					
		12	14	16	18	20	22
Output Current of Driver (A)	0.35	855	540	340	215	136	85.5
	0.53	565	356	225	142	89.5	56.5
	0.7	428	270	170	107	67.8	42.8
	1.05	285	180	113	71.6	45.2	28.5
	1.5	200	126	79.4	50.1	31.6	20
	2	150	94.4	59.6	37.6	23.7	15
	3	100	62.9	39.7	25.1	15.8	10
	4	75	47.2	29.8	18.8	11.9	7.5
	5	59.9	37.8	23.8	15	9.5	6