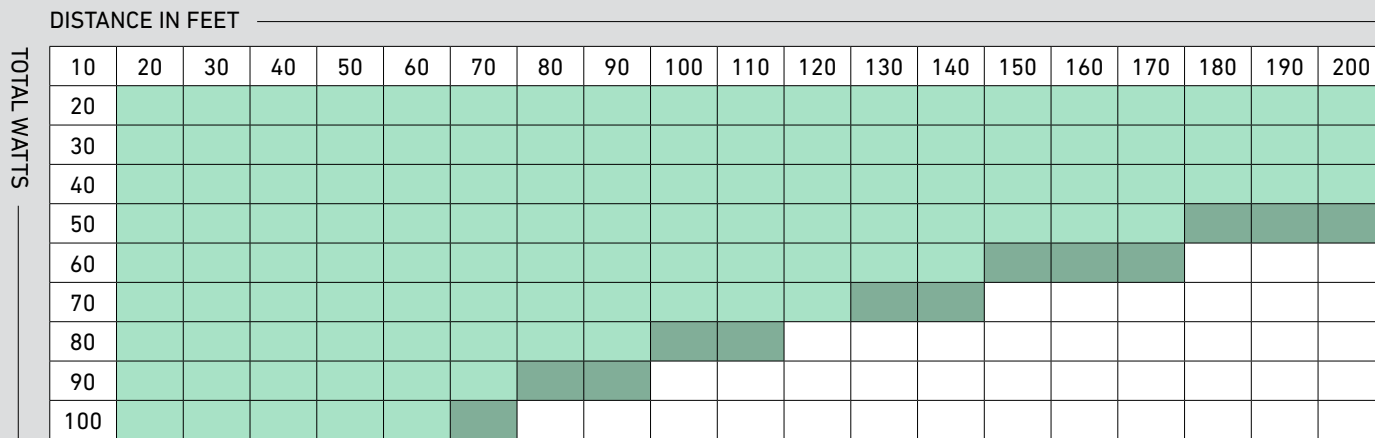



VOLTAGE DROP - SMART LANDSCAPE

Good to know! Voltage drop occurs when the voltage at the end of a run of cable is lower than at the beginning. This usually occurs with long cable runs.



 No voltage drop

 Voltage drop occurs

VOLTAGE DROP - 300W TRANSFORMER - 14V OUTPUT

TOTAL WATTS		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240		
DISTANCE IN FEET	10	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	12	12		
	20	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	
	30	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12
	40	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	12	12	12	12	12			
	50	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	12	12	12	12	12						
	60	16	16	16	16	16	16	16	16	14	14	14	14	14	14	12	12	12	12								
	70	16	16	16	16	16	16	16	14	14	14	14	14	14	12	12	12										
	80	16	16	16	16	16	16	14	14	14	14	14	14	12	12	12	12										
	90	16	16	16	16	14	14	14	14	14	14	12	12	12													
	100	16	16	16	16	14	14	14	14	14	12	12	12														
	110	16	16	16	16	14	14	14	14	14	12	12	12														
	120	16	16	16	16	14	14	14	12	12	12	12															
	130	16	16	16	14	14	14	14	12	12																	
	140	16	16	16	14	14	14	12	12																		
	150	16	16	14	14	14	14	12																			
	160	16	16	14	14	14	14	12																			
	170	16	16	14	14	14	12	12																			
	180	16	16	14	14	14	12	12																			
	190	16	16	14	14	14	12	12																			
	200	16	14	14	14	14	12																				

VOLTAGE DROP - 300W TRANSFORMER - 15V OUTPUT

TOTAL WATTS		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240		
DISTANCE IN FEET	10	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	12	12	
	20	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12
	30	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12
	40	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	12	12	12	12	12	12	12	12
	50	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	12	12	12	12	12	12		
	60	16	16	16	16	16	16	16	16	16	14	14	14	14	14	12	12	12	12	12							
	70	16	16	16	16	16	16	16	14	14	14	14	14	14	12	12	12	12									
	80	16	16	16	16	16	16	14	14	14	14	14	12	12	12	12											
	90	16	16	16	16	16	14	14	14	14	14	12	12	12													
	100	16	16	16	16	16	14	14	14	14	12	12	12														
	110	16	16	16	16	14	14	14	14	14	12	12	12														
	120	16	16	16	16	14	14	14	14	12	12	12															
	130	16	16	16	16	14	14	14	12	12	12																
	140	16	16	16	14	14	14	12	12	12																	
	150	16	16	16	14	14	14	12	12	12																	
	160	16	16	16	14	14	14	12	12																		
	170	16	16	16	14	14	14	12	12																		
	180	16	16	14	14	14	12	12	12																		
	190	16	16	14	14	14	12	12																			
	200	16	16	14	14	14	12	12																			

LOW-VOLTAGE WIRING GAUGES

16

LCBL-50-16

50 feet, 16 gauge low-voltage wiring

LCBL-100-16

100 feet, 16 gauge low-voltage wiring

14

LCBL-50-14

50 feet, 14 gauge low-voltage wiring

LCBL-100-14

100 feet, 14 gauge low-voltage wiring

12

LCBL-100-12

100 feet, 12 gauge low-voltage wiring

LCBL-200-12

200 feet, 12 gauge low-voltage wiring