



TILE TUNABLE WHITE LAYOUT GUIDELINES

SUMMARY

TILE array configurations and remote LED driver distances for TILE Tunable White

TILE CONFIGURATION LIMITS

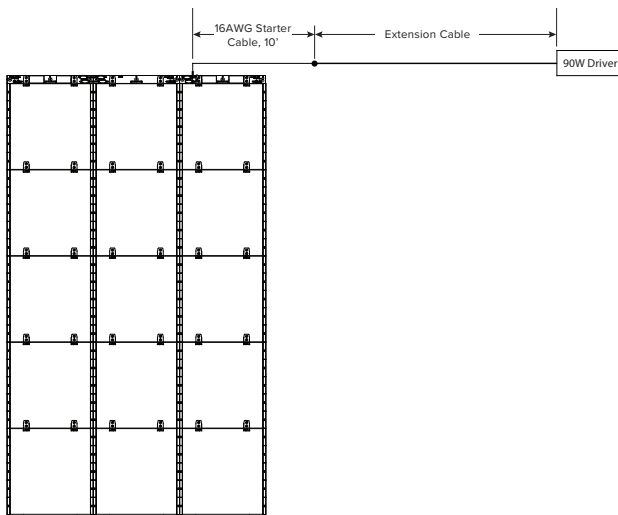
TILE array configurations that are possible based on the light output. Applies to TILE Tunable White

TILES PER RUN

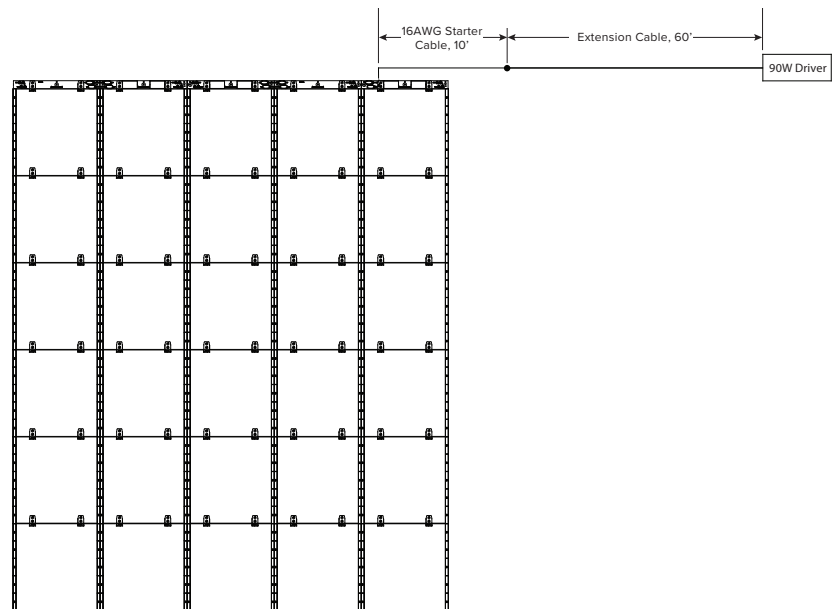
# of Runs	600lm	300lm	150lm
1	13	18	28
2	8	16	26
3	5	11	22
4	4	8	16
5	3	6	13
6	2	5	10
7	2	4	8
8	2	4	7

CONFIGURATION EXAMPLES

3 runs x 5 TILE-TUN-600



5 runs x 6 TILE-TUN-300



REMOTE LED DRIVER DISTANCES (FT) - TILE TUNABLE WHITE

The tables below show the maximum cable length (ft) that can be added to the supplied 10' starter cable.

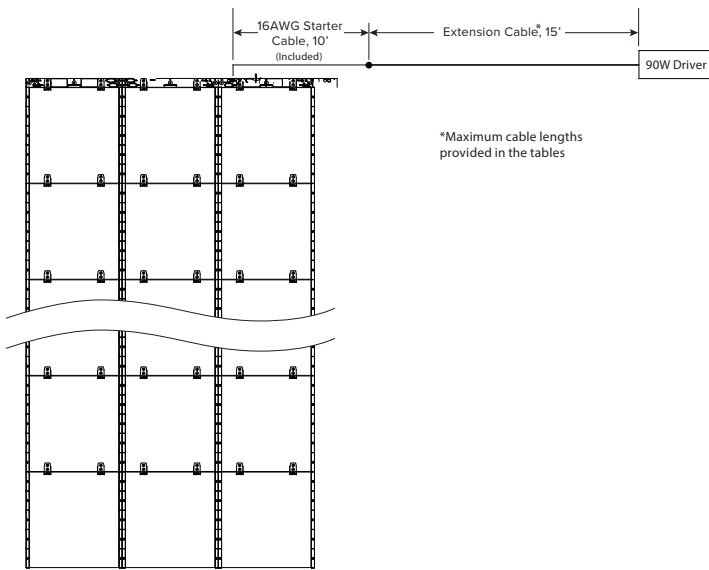
TILE: 150lm (values additional to included 10' cable - in ft)

Conductor Size (AWG)	Configuration (Runs x TILES)							
	1 x 28	2 x 26	3 x 22	4 x 16	5 x 13	6 x 10	7 x 8	8 x 7
16	2	1	4	13	14	18	20	19
14	4	2	6	21	22	28	32	30
12	6	3	10	33	25	45	51	48
10	10	6	16	53	56	72	81	76
8	16	9	25	84	90	116	130	121
6	25	15	41	134.5	143	184	206	193

TILE: 300lm values additional to included 10' cable - in ft)

Conductor Size (AWG)	Configuration (Runs x TILES)							
	1 x 18	2 x 16	3 x 11	4 x 8	5 x 6	6x5	7x4	8x4
16	10	5	14	18	21	20	21	14
14	17	9	23	29	33	33	34	22
12	27	14	36	47	53	52	55	35
10	43	22	58	75	84	83	88	56
8	68	36	93	120	135	133	140	89
6	108	57	147	191	214	212	222	142

3 runs x 22 TILE-TUN-150



TILE: 600lm (values additional to included 10' cable - in ft)

Conductor Size (AWG)	Configuration (Runs x TILES)							
	1 x 13	2 x 8	3 x 5	4 x 4	5 x 3	6 x 2	7 x 2	8 x 2
16	2	17	24	22	22	32	22	14
14	4	27	38	36	36	52	35	23
12	7	43	60	57	57	83	56	36
10	11	69	96	91	91	132	90	58
8	18	110	153	144	145	209	143	93
6	29	175	244	230	231	333	227	148

COOLEdge CABLES

- Cooledge supplies Starter Cables (16AWG) with all LED Drivers of length = 10ft
- Cooledge offers optional Extension Cables (16 AWG) in lengths = 10ft and 20ft
- Other cable sizes (if required) supplied by installer