



COOLEEDGE

TILE TUNABLE WHITE LAYOUT GUIDELINES

SUMMARY

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

TILE CONFIGURATION LIMITS

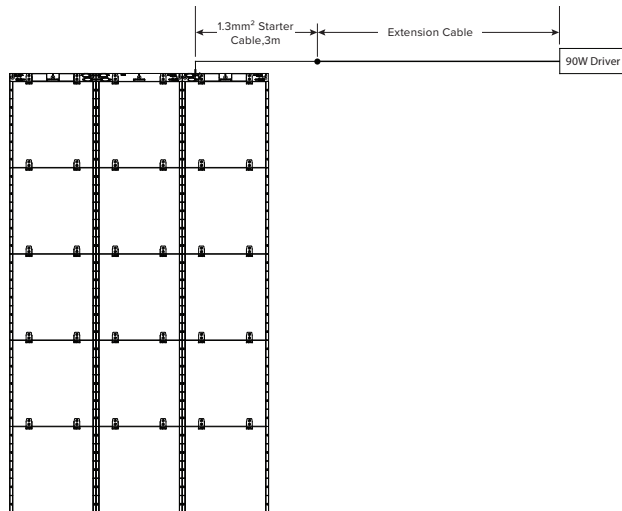
TILE array configurations that are possible based on the light output. Applies to TILE Tunable White

TILES PER RUN

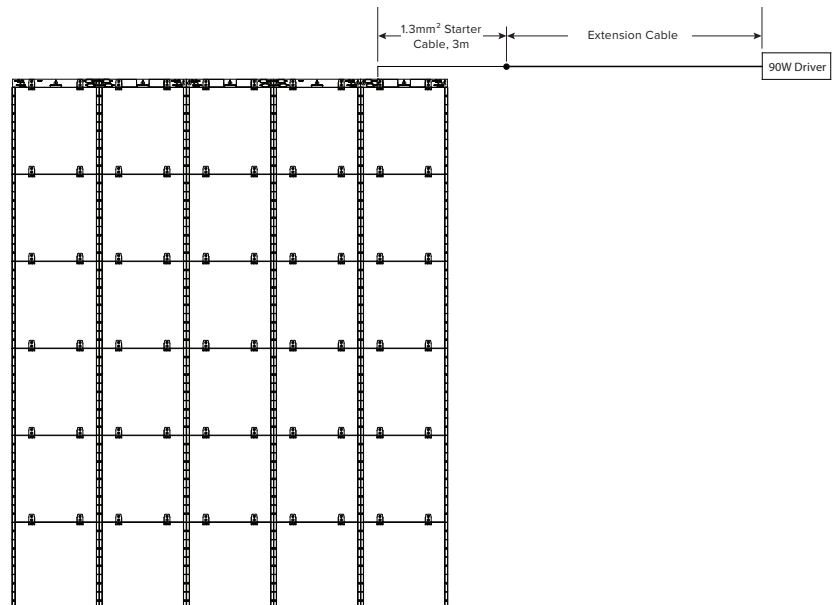
# of Runs	600lm	300lm	150lm
1	13	18	28
2	8	16	26
3	5	11	22
4	4	8	16
5	3	6	13
6	2	5	10
7	2	4	8
8	2	4	7

CONFIGURATION EXAMPLES

3 runs x 5 TILE-TUN-600



5 runs x 6 TILE-TUN-300



REMOTE LED DRIVER DISTANCES (M) - TILE TUNABLE WHITE

The tables below show the maximum cable length (m) that can be added to the supplied 3m starter cable.

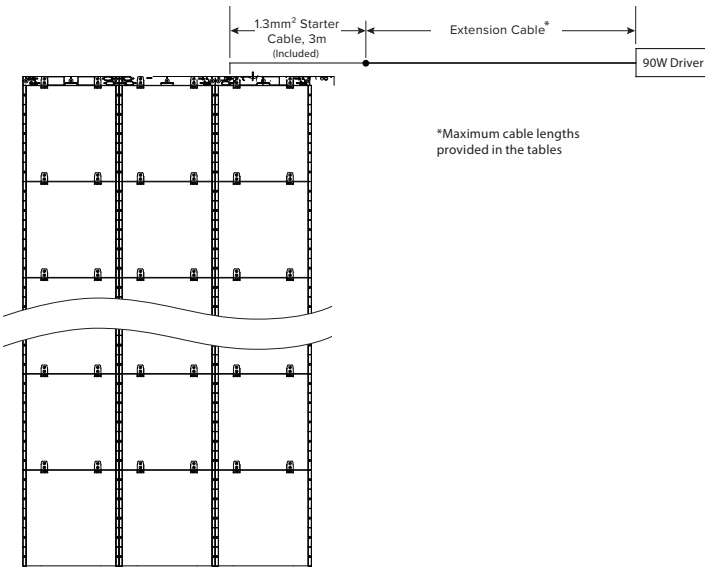
TILE: 150lm (values additional to included 3m cable - in m)

Conductor Size (mm ²)	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
1.3	1	0.4	1	4	4	5	6	6
2.1	1	1	2	6	7	9	10	9
3.3	2	1	3	10	8	14	16	15
5.3	3	2	5	16	17	22	25	23
8.4	5	3	8	26	27	35	40	37
13.3	8	5	12	41	44	56	63	59

TILE: 300lm values additional to included 3m cable - in m)

Conductor Size (mm ²)	Configuration (Runs x TILES)							
	1 x 18	2 x 16	3 x 11	4 x 8	5 x 6	6x5	7x4	8x4
1.3	3	2	4	6	6	6	7	4
2.1	5	3	7	9	10	10	11	7
3.3	8	4	11	14	16	16	17	11
5.3	13	7	18	23	26	25	27	17
8.4	21	11	28	37	41	41	43	27
13.3	33	18	45	58	65	65	68	43

3 runs x 22 TILE-TUN-150



TILE: 600lm (values additional to included 3m cable - in m)

Conductor Size (mm ²)	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
1.3	1	5	7	7	7	10	7	4
2.1	1	8	12	11	11	16	11	7
3.3	2	13	18	17	18	25	17	11
5.3	4	21	29	28	28	40	27	18
8.4	6	34	47	44	44	64	44	28
13.3	9	53	74	70	71	102	69	45

COOLEGE CABLES

- Cooledge supplies Starter Cables (1.3mm²) with all LED Drivers of length = 3m
- Cooledge offers optional Extension Cables (1.3mm²) in lengths = 3m and 6.1m
- Other cable sizes (if required) supplied by installer