



Strip/Wrap Spacing Tables

C-WRAP™ Family

Spacing Tables are to be used for quick reference ONLY. The tables provide average and minimum footcandle levels and avg:min uniformity ratios for the designated fixture spacing at a given height.

RAB does not recommend all of these configurations. Refer to IES recommended practice for specific Space Applications. For questions contact Lighting Design.

FIXTURE: CW2 @ 11W

1,522 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	56.5 FC	30 FC	15.9 FC	10.3 FC	9.3 FC	5.7 FC	5.3 FC	2.8 FC	2.7 FC
	min	32.9 FC	20.1 FC	10.1 FC	6.7 FC	7.1 FC	3.8 FC	4.1 FC	1.5 FC	1.7 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	60.3 FC	32.1 FC	16.9 FC	11 FC	9.8 FC	6.1 FC	5.7 FC	2.9 FC	2.9 FC
	min	36.7 FC	21.7 FC	10.6 FC	7.2 FC	7.7 FC	4.2 FC	4.5 FC	1.4 FC	1.6 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	2.1:1	1.8:1
15	avg	66.2 FC	35.1 FC	18.7 FC	12.1 FC	10.8 FC	6.7 FC	6.2 FC	3.3 FC	3.2 FC
	min	38.8 FC	23.9 FC	11.4 FC	7.7 FC	9.1 FC	4.6 FC	5.5 FC	1.4 FC	1.7 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.1:1	2.3:1	1.9:1
12	avg	72.6 FC	38.6 FC	20.5 FC	13.3 FC	11.7 FC	7.5 FC	6.8 FC	3.6 FC	3.5 FC
	min	40.7 FC	25.7 FC	12.3 FC	8.6 FC	10.7 FC	5.1 FC	5.4 FC	1.2 FC	1.2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.1:1	1.5:1	1.3:1	3:1	2.9:1
10	avg	77.5 FC	40.9 FC	22 FC	14.3 FC	12.4 FC	8 FC	7.3 FC	3.9 FC	3.8 FC
	min	42.7 FC	29.4 FC	13.2 FC	8.7 FC	10.1 FC	5.3 FC	4.7 FC	1 FC	1.4 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.6:1	3.9:1	2.7:1
8	avg	82.6 FC	44 FC	23.6 FC	15.4 FC	13.2 FC	8.7 FC	7.9 FC	4.1 FC	4 FC
	min	42.6 FC	37.8 FC	14.6 FC	9.2 FC	8.2 FC	4.7 FC	3.5 FC	0.7 FC	0.9 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.6:1	1.8:1	2.3:1	5.8:1	4.5:1

-Fixture Calculations in 40'x40' open room, 80/50/20 reflectances. Readings taken at 2'-6" AFF, CCT 4000K.

-Ratios show avg:min uniformity

-This information is current as of 4/29/2024.

-The Lighting Analysis provided by RAB Lighting Inc. ("RAB") represents an anticipated prediction of lighting system performance. RAB neither warranties, either implied or stated with regard to actual measured light levels as compared to those illustrated by the Spacing Table. RAB neither warranties, either implied or stated, nor represents the appropriateness, completeness or suitability of the lighting design intent as compliant with any applicable regulatory code requirements. The Spacing Table is issued, in whole or in part, as advisory documents for informational purposes and is not intended for construction nor as being part of a project's construction documentation package.

FIXTURE: CW2 @ 17W

2,291 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	85.1 FC	45.1 FC	24 FC	15.5 FC	14 FC	8.6 FC	8 FC	4.2 FC	4 FC
	min	49.6 FC	30.3 FC	15.2 FC	10.1 FC	10.7 FC	5.7 FC	6.2 FC	2.2 FC	2.5 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	1.9:1	1.6:1
18	avg	90.8 FC	48.3 FC	25.5 FC	16.5 FC	14.8 FC	9.2 FC	8.5 FC	4.4 FC	4.3 FC
	min	55.2 FC	32.7 FC	15.9 FC	10.8 FC	11.7 FC	6.3 FC	6.8 FC	2.2 FC	2.5 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	2:1	1.7:1
15	avg	99.6 FC	52.9 FC	28.1 FC	18.1 FC	16.2 FC	10.1 FC	9.3 FC	4.9 FC	4.8 FC
	min	58.4 FC	36 FC	17.2 FC	11.6 FC	13.7 FC	6.9 FC	8.2 FC	2.1 FC	2.6 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.1:1	2.3:1	1.8:1
12	avg	109.3 FC	58 FC	30.9 FC	20 FC	17.6 FC	11.2 FC	10.3 FC	5.4 FC	5.3 FC
	min	61.2 FC	38.7 FC	18.5 FC	13 FC	16.1 FC	7.7 FC	8.2 FC	1.8 FC	1.8 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.5:1	1.3:1	3:1	2.9:1
10	avg	116.6 FC	61.6 FC	33.1 FC	21.5 FC	18.7 FC	12.1 FC	11 FC	5.8 FC	5.7 FC
	min	64.2 FC	44.2 FC	19.9 FC	13.1 FC	15.3 FC	7.9 FC	7.1 FC	1.5 FC	2.1 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.6:1	3.9:1	2.7:1
8	avg	124.4 FC	66.2 FC	35.5 FC	23.2 FC	19.9 FC	13.1 FC	11.9 FC	6.1 FC	6.1 FC
	min	64.1 FC	56.9 FC	22 FC	13.8 FC	12.3 FC	7 FC	5.3 FC	1 FC	1.4 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.6:1	1.9:1	2.2:1	6.1:1	4.3:1

FIXTURE: CW2 @ 22W

3,040 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	113 FC	59.9 FC	31.8 FC	20.6 FC	18.6 FC	11.4 FC	10.7 FC	5.5 FC	5.4 FC
	min	65.8 FC	40.2 FC	20.2 FC	13.4 FC	14.1 FC	7.5 FC	8.3 FC	3 FC	3.4 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	120.6 FC	64.1 FC	33.9 FC	21.9 FC	19.7 FC	12.2 FC	11.3 FC	5.8 FC	5.7 FC
	min	73.2 FC	43.4 FC	21.1 FC	14.3 FC	15.5 FC	8.4 FC	9 FC	2.9 FC	3.3 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	2:1	1.7:1
15	avg	132.2 FC	70.2 FC	37.3 FC	24.1 FC	21.5 FC	13.5 FC	12.4 FC	6.5 FC	6.4 FC
	min	77.5 FC	47.7 FC	22.8 FC	15.4 FC	18.2 FC	9.1 FC	10.9 FC	2.8 FC	3.5 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.1:1	2.3:1	1.8:1
12	avg	145.1 FC	77 FC	41.1 FC	26.6 FC	23.4 FC	14.9 FC	13.6 FC	7.2 FC	7 FC
	min	81.3 FC	51.3 FC	24.5 FC	17.3 FC	21.4 FC	10.3 FC	10.8 FC	2.3 FC	2.4 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.4:1	1.3:1	3.1:1	2.9:1
10	avg	154.8 FC	81.8 FC	43.9 FC	28.5 FC	24.8 FC	16 FC	14.7 FC	7.7 FC	7.6 FC
	min	85.2 FC	58.7 FC	26.4 FC	17.4 FC	20.3 FC	10.5 FC	9.4 FC	2 FC	2.8 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.6:1	3.9:1	2.7:1
8	avg	165.1 FC	87.9 FC	47.2 FC	30.7 FC	26.5 FC	17.3 FC	15.8 FC	8.1 FC	8.1 FC
	min	85 FC	75.6 FC	29.2 FC	18.3 FC	16.4 FC	9.3 FC	7 FC	1.3 FC	1.9 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.6:1	1.9:1	2.3:1	6.3:1	4.2:1

FIXTURE: CW4 @ 22W

3,149 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	113.2 FC	60.3 FC	32.3 FC	20.9 FC	18.9 FC	11.6 FC	10.9 FC	5.6 FC	5.4 FC
	min	66.9 FC	40.7 FC	20.6 FC	13.8 FC	14.4 FC	7.7 FC	8.4 FC	3.1 FC	3.5 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	121.2 FC	64.7 FC	34.4 FC	22.3 FC	20 FC	12.4 FC	11.5 FC	5.9 FC	5.8 FC
	min	74.7 FC	43.9 FC	21.6 FC	14.6 FC	15.7 FC	8.6 FC	9.1 FC	3 FC	3.4 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.4:1	1.3:1	2:1	1.7:1
15	avg	132.9 FC	70.8 FC	37.9 FC	24.6 FC	21.9 FC	13.7 FC	12.6 FC	6.6 FC	6.5 FC
	min	78.9 FC	48.1 FC	23.4 FC	15.8 FC	18.4 FC	9.4 FC	11.1 FC	2.9 FC	3.6 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.1:1	2.3:1	1.8:1
12	avg	146.5 FC	78 FC	41.8 FC	27.1 FC	23.9 FC	15.2 FC	13.9 FC	7.3 FC	7.1 FC
	min	83.2 FC	51.7 FC	25 FC	17.6 FC	21.6 FC	10.6 FC	11.3 FC	2.5 FC	2.6 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.4:1	1.2:1	2.9:1	2.7:1
10	avg	156.1 FC	82.7 FC	44.8 FC	29.1 FC	25.4 FC	16.4 FC	15 FC	7.9 FC	7.8 FC
	min	87.1 FC	58.7 FC	26.8 FC	17.8 FC	21.3 FC	10.9 FC	10 FC	2.1 FC	3 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.5:1	3.8:1	2.6:1
8	avg	166.9 FC	89.3 FC	48.1 FC	31.4 FC	27 FC	17.7 FC	16.1 FC	8.3 FC	8.2 FC
	min	87.9 FC	74.6 FC	29.5 FC	18.9 FC	17.4 FC	9.7 FC	7.5 FC	1.4 FC	2 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.6:1	1.8:1	2.2:1	6:1	4.1:1

FIXTURE: CW4 @ 33W

4,709 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	169.1 FC	90.1 FC	48.2 FC	31.2 FC	28.3 FC	17.4 FC	16.2 FC	8.3 FC	8.1 FC
	min	100.1 FC	60.8 FC	30.8 FC	20.6 FC	21.4 FC	11.5 FC	12.5 FC	4.6 FC	5.2 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	181.1 FC	96.7 FC	51.4 FC	33.3 FC	30 FC	18.5 FC	17.2 FC	8.8 FC	8.6 FC
	min	111.7 FC	65.7 FC	32.3 FC	21.9 FC	23.5 FC	12.9 FC	13.6 FC	4.5 FC	5.1 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.4:1	1.3:1	2:1	1.7:1
15	avg	198.5 FC	105.8 FC	56.7 FC	36.7 FC	32.8 FC	20.5 FC	18.9 FC	9.9 FC	9.7 FC
	min	118 FC	71.9 FC	34.9 FC	23.6 FC	27.5 FC	14 FC	16.5 FC	4.4 FC	5.4 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.2:1	2.3:1	1.8:1
12	avg	219 FC	116.5 FC	62.5 FC	40.5 FC	35.7 FC	22.7 FC	20.8 FC	11 FC	10.6 FC
	min	124.4 FC	77.3 FC	37.4 FC	26.4 FC	32.4 FC	15.9 FC	17 FC	3.7 FC	3.9 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.4:1	1.2:1	3:1	2.7:1
10	avg	233.3 FC	123.6 FC	67 FC	43.5 FC	37.9 FC	24.5 FC	22.4 FC	11.8 FC	11.6 FC
	min	130.3 FC	87.8 FC	40.1 FC	26.6 FC	31.8 FC	16.3 FC	14.9 FC	3.2 FC	4.4 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.5:1	3.7:1	2.6:1
8	avg	249.5 FC	133.5 FC	71.9 FC	46.9 FC	40.4 FC	26.5 FC	24.1 FC	12.5 FC	12.3 FC
	min	131.5 FC	111.4 FC	44.2 FC	28.3 FC	26.1 FC	14.4 FC	11.3 FC	2.2 FC	3 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.6:1	1.8:1	2.1:1	5.7:1	4.1:1

FIXTURE: CW4 @ 44W

6,191 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	222.3 FC	118.4 FC	63.4 FC	41 FC	37.2 FC	22.8 FC	21.3 FC	10.9 FC	10.7 FC
	min	131.6 FC	79.9 FC	40.5 FC	27.1 FC	28.2 FC	15.1 FC	16.4 FC	6 FC	6.8 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	238.1 FC	127.1 FC	67.6 FC	43.7 FC	39.4 FC	24.3 FC	22.6 FC	11.6 FC	11.3 FC
	min	146.9 FC	86.3 FC	42.4 FC	28.8 FC	30.8 FC	16.9 FC	17.9 FC	5.9 FC	6.6 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.4:1	1.3:1	2:1	1.7:1
15	avg	261 FC	139.1 FC	74.5 FC	48.2 FC	43.1 FC	26.9 FC	24.9 FC	13 FC	12.7 FC
	min	155.1 FC	94.6 FC	45.9 FC	31 FC	36.1 FC	18.4 FC	21.7 FC	5.8 FC	7.1 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.2:1	2.2:1	1.8:1
12	avg	287.9 FC	153.2 FC	82.2 FC	53.3 FC	46.9 FC	29.9 FC	27.4 FC	14.4 FC	14 FC
	min	163.5 FC	101.6 FC	49.2 FC	34.7 FC	42.5 FC	20.8 FC	22.3 FC	4.9 FC	5.1 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.4:1	1.2:1	2.9:1	2.7:1
10	avg	306.7 FC	162.5 FC	88 FC	57.1 FC	49.8 FC	32.2 FC	29.4 FC	15.5 FC	15.2 FC
	min	171.4 FC	115.4 FC	52.7 FC	35 FC	41.9 FC	21.4 FC	19.7 FC	4.2 FC	5.8 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.5:1	3.7:1	2.6:1
8	avg	328 FC	175.4 FC	94.5 FC	61.7 FC	53.1 FC	34.8 FC	31.7 FC	16.4 FC	16.2 FC
	min	172.9 FC	146.5 FC	58.1 FC	37.2 FC	34.4 FC	19 FC	14.8 FC	2.8 FC	3.9 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.5:1	1.8:1	2.1:1	5.9:1	4.2:1