



Strip/Wrap Spacing Tables

GUS[®]17 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: GUS17-2 @ 15W

1,818 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	68.6 FC	36.4 FC	19.4 FC	12.5 FC	11.3 FC	7 FC	6.5 FC	3.4 FC	3.3 FC
	min	38.7 FC	24.2 FC	12 FC	8.1 FC	8.5 FC	4.6 FC	5.1 FC	1.8 FC	2 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	1.9:1	1.6:1
18	avg	73.3 FC	39 FC	20.6 FC	13.3 FC	12 FC	7.4 FC	6.9 FC	3.6 FC	3.5 FC
	min	43.3 FC	26.2 FC	12.5 FC	8.6 FC	9.4 FC	5.2 FC	5.6 FC	1.8 FC	1.9 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.3:1	1.4:1	1.2:1	2:1	1.8:1
15	avg	80 FC	42.5 FC	22.7 FC	14.6 FC	13.1 FC	8.2 FC	7.5 FC	4 FC	3.9 FC
	min	45.4 FC	28.5 FC	13.5 FC	9.1 FC	11.1 FC	5.6 FC	6.6 FC	1.7 FC	2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.1:1	2.3:1	1.9:1
12	avg	87.9 FC	46.7 FC	24.9 FC	16.1 FC	14.2 FC	9 FC	8.3 FC	4.4 FC	4.2 FC
	min	47.9 FC	29.4 FC	14.5 FC	10.5 FC	12.9 FC	6.3 FC	6.4 FC	1.4 FC	1.5 FC
		1.8:1	1.6:1	1.7:1	1.5:1	1.1:1	1.4:1	1.3:1	3.1:1	2.8:1
10	avg	93.5 FC	49.5 FC	26.6 FC	17.3 FC	15 FC	9.7 FC	8.9 FC	4.7 FC	4.6 FC
	min	50.2 FC	33.1 FC	15.6 FC	10.6 FC	12 FC	6.4 FC	5.5 FC	1.2 FC	1.6 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.6:1	3.9:1	2.9:1
8	avg	99.8 FC	53.2 FC	28.6 FC	18.6 FC	16 FC	10.5 FC	9.6 FC	4.9 FC	4.9 FC
	min	50.2 FC	46.9 FC	17.2 FC	11.1 FC	9.6 FC	5.5 FC	4.1 FC	0.8 FC	1.1 FC
		2:1	1.1:1	1.7:1	1.7:1	1.7:1	1.9:1	2.3:1	6.2:1	4.4:1

-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 8/4/2023.

-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: GUS17-2 @ 20W

2,419 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	90 FC	48 FC	25.7 FC	16.6 FC	15 FC	9.3 FC	8.6 FC	4.5 FC	4.4 FC
	min	50.7 FC	31.8 FC	15.9 FC	10.7 FC	11.2 FC	6.2 FC	6.8 FC	2.4 FC	2.6 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	1.9:1	1.7:1
18	avg	96.2 FC	51.5 FC	27.3 FC	17.7 FC	15.8 FC	9.8 FC	9.1 FC	4.7 FC	4.6 FC
	min	56.5 FC	34.5 FC	16.6 FC	11.4 FC	12.4 FC	6.9 FC	7.4 FC	2.3 FC	2.6 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.4:1	1.2:1	2.1:1	1.8:1
15	avg	105 FC	56 FC	30 FC	19.4 FC	17.3 FC	10.8 FC	10 FC	5.3 FC	5.1 FC
	min	59.4 FC	37.4 FC	17.9 FC	12.1 FC	14.7 FC	7.5 FC	8.7 FC	2.3 FC	2.7 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.4:1	1.1:1	2.3:1	1.9:1
12	avg	115.5 FC	61.5 FC	32.9 FC	21.4 FC	18.7 FC	12 FC	11 FC	5.8 FC	5.6 FC
	min	62.5 FC	38.8 FC	19.2 FC	13.9 FC	17.1 FC	8.4 FC	8.5 FC	1.9 FC	1.9 FC
		1.9:1	1.6:1	1.7:1	1.5:1	1.1:1	1.4:1	1.3:1	3.1:1	3:1
10	avg	122.7 FC	65.2 FC	35.2 FC	22.9 FC	19.9 FC	12.9 FC	11.8 FC	6.2 FC	6.1 FC
	min	65.5 FC	43.9 FC	20.6 FC	14 FC	15.9 FC	8.5 FC	7.3 FC	1.6 FC	2.1 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.6:1	3.9:1	2.9:1
8	avg	131 FC	70.1 FC	37.8 FC	24.7 FC	21.2 FC	13.9 FC	12.7 FC	6.5 FC	6.5 FC
	min	65.5 FC	61.8 FC	22.7 FC	14.7 FC	12.6 FC	7.3 FC	5.4 FC	1.1 FC	1.4 FC
		2:1	1.1:1	1.7:1	1.7:1	1.7:1	1.9:1	2.4:1	5.9:1	4.6:1

FIXTURE: GUS17-2 @ 25W

2,974 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	112.1 FC	59.6 FC	31.8 FC	20.5 FC	18.5 FC	11.4 FC	10.6 FC	5.5 FC	5.4 FC
	min	63.1 FC	39.4 FC	19.6 FC	13.2 FC	13.8 FC	7.6 FC	8.4 FC	3 FC	3.3 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	119.9 FC	63.9 FC	33.7 FC	21.8 FC	19.6 FC	12.1 FC	11.2 FC	5.8 FC	5.7 FC
	min	70.6 FC	42.7 FC	20.5 FC	14.1 FC	15.3 FC	8.5 FC	9.2 FC	2.9 FC	3.2 FC
		1.7:1	1.5:1	1.7:1	1.5:1	1.3:1	1.4:1	1.2:1	2:1	1.8:1
15	avg	130.8 FC	69.5 FC	37 FC	23.9 FC	21.3 FC	13.4 FC	12.3 FC	6.5 FC	6.3 FC
	min	74 FC	46.4 FC	22.1 FC	14.9 FC	18.1 FC	9.2 FC	10.7 FC	2.8 FC	3.3 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.3:1	1.9:1
12	avg	143.8 FC	76.3 FC	40.7 FC	26.4 FC	23.2 FC	14.8 FC	13.5 FC	7.1 FC	6.9 FC
	min	77.9 FC	48.2 FC	23.7 FC	17.1 FC	21 FC	10.4 FC	10.5 FC	2.3 FC	2.4 FC
		1.9:1	1.6:1	1.7:1	1.5:1	1.1:1	1.4:1	1.3:1	3.1:1	2.9:1
10	avg	152.9 FC	80.9 FC	43.5 FC	28.3 FC	24.6 FC	15.9 FC	14.5 FC	7.6 FC	7.5 FC
	min	81.7 FC	54.5 FC	25.5 FC	17.3 FC	19.6 FC	10.6 FC	9 FC	2 FC	2.5 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.6:1	3.8:1	3:1
8	avg	163.2 FC	86.9 FC	46.7 FC	30.4 FC	26.2 FC	17.2 FC	15.7 FC	8.1 FC	8 FC
	min	81.7 FC	76.6 FC	28.1 FC	18.1 FC	15.7 FC	9.1 FC	6.7 FC	1.3 FC	1.7 FC
		2:1	1.1:1	1.7:1	1.7:1	1.7:1	1.9:1	2.3:1	6.2:1	4.7:1

FIXTURE: GUS17-4 @ 30W

3,734 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	138.1 FC	73.7 FC	39.5 FC	25.5 FC	23 FC	14.2 FC	13.2 FC	6.9 FC	6.7 FC
	min	76.8 FC	47.8 FC	24.1 FC	16.3 FC	17 FC	9.7 FC	10.3 FC	3.8 FC	3.9 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.4:1	1.5:1	1.3:1	1.8:1	1.7:1
18	avg	147.8 FC	79.1 FC	42 FC	27.1 FC	24.4 FC	15.1 FC	14 FC	7.3 FC	7 FC
	min	86 FC	51.9 FC	25.1 FC	17.2 FC	18.9 FC	10.3 FC	11.3 FC	3.7 FC	3.8 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.2:1	2:1	1.9:1
15	avg	161.5 FC	86.1 FC	46.1 FC	29.8 FC	26.6 FC	16.7 FC	15.3 FC	8.1 FC	7.9 FC
	min	90.3 FC	56.3 FC	27 FC	18.3 FC	22.3 FC	11.2 FC	13.4 FC	3.5 FC	3.9 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.1:1	2.3:1	2:1
12	avg	177.4 FC	94.3 FC	50.7 FC	32.8 FC	28.8 FC	18.4 FC	16.9 FC	8.9 FC	8.7 FC
	min	93.8 FC	60.5 FC	28.9 FC	20.6 FC	26.1 FC	12.9 FC	13.1 FC	3.1 FC	3.2 FC
		1.9:1	1.6:1	1.8:1	1.6:1	1.1:1	1.4:1	1.3:1	2.9:1	2.7:1
10	avg	188.6 FC	99.9 FC	54.1 FC	35.2 FC	30.6 FC	19.8 FC	18.1 FC	9.5 FC	9.4 FC
	min	99.7 FC	69.6 FC	31 FC	21.1 FC	24.8 FC	13 FC	11.3 FC	2.5 FC	3 FC
		1.9:1	1.4:1	1.8:1	1.7:1	1.2:1	1.5:1	1.6:1	3.8:1	3.1:1
8	avg	201 FC	107.5 FC	58 FC	37.9 FC	32.5 FC	21.4 FC	19.5 FC	10 FC	9.9 FC
	min	100.4 FC	92.3 FC	34.1 FC	21.7 FC	19.8 FC	11.1 FC	8.5 FC	1.7 FC	2 FC
		2:1	1.2:1	1.7:1	1.7:1	1.6:1	1.9:1	2.3:1	5.9:1	5:1

FIXTURE: GUS17-4 @ 40W

4,877 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	176.7 FC	94.9 FC	51.1 FC	33.2 FC	29.8 FC	18.4 FC	17.1 FC	8.9 FC	8.7 FC
	min	97.9 FC	61.5 FC	31 FC	21 FC	21.9 FC	12.5 FC	13.3 FC	4.9 FC	5.2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.4:1	1.5:1	1.3:1	1.8:1	1.7:1
18	avg	188.8 FC	101.6 FC	54.3 FC	35.3 FC	31.5 FC	19.6 FC	18.2 FC	9.5 FC	9.2 FC
	min	109 FC	66.4 FC	32.4 FC	22.4 FC	24.3 FC	13.3 FC	14.6 FC	4.8 FC	4.9 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.2:1	2:1	1.9:1
15	avg	206.2 FC	110.6 FC	59.7 FC	38.7 FC	34.4 FC	21.6 FC	19.9 FC	10.5 FC	10.3 FC
	min	114 FC	72.1 FC	34.9 FC	23.6 FC	28.8 FC	14.4 FC	17.4 FC	4.6 FC	5.1 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.1:1	2.3:1	2:1
12	avg	226.5 FC	121.2 FC	65.5 FC	42.6 FC	37.3 FC	23.9 FC	21.8 FC	11.6 FC	11.3 FC
	min	118.9 FC	77.4 FC	37.3 FC	26.8 FC	33.7 FC	16.5 FC	16.9 FC	4 FC	4.2 FC
		1.9:1	1.6:1	1.8:1	1.6:1	1.1:1	1.5:1	1.3:1	2.9:1	2.7:1
10	avg	240.8 FC	128.4 FC	70 FC	45.6 FC	39.5 FC	25.7 FC	23.5 FC	12.4 FC	12.2 FC
	min	125.8 FC	89 FC	40 FC	27.2 FC	31.9 FC	16.9 FC	14.6 FC	3.3 FC	3.9 FC
		1.9:1	1.4:1	1.8:1	1.7:1	1.2:1	1.5:1	1.6:1	3.8:1	3.1:1
8	avg	256.6 FC	138.1 FC	75 FC	49.1 FC	42 FC	27.7 FC	25.3 FC	13.1 FC	12.9 FC
	min	126.7 FC	118 FC	44 FC	28.3 FC	25.5 FC	14.4 FC	11 FC	2.3 FC	2.6 FC
		2:1	1.2:1	1.7:1	1.7:1	1.7:1	1.9:1	2.3:1	5.7:1	5:1

FIXTURE: GUS17-4 @ 50W

5,873 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	217.3 FC	116 FC	62.1 FC	40.2 FC	36.2 FC	22.4 FC	20.8 FC	10.8 FC	10.5 FC
	min	120.3 FC	75.2 FC	37.7 FC	25.5 FC	26.7 FC	15.2 FC	16.2 FC	5.9 FC	6.2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.4:1	1.5:1	1.3:1	1.8:1	1.7:1
18	avg	232.5 FC	124.4 FC	66 FC	42.7 FC	38.4 FC	23.8 FC	22.1 FC	11.4 FC	11.1 FC
	min	134.5 FC	81.5 FC	39.3 FC	27.1 FC	29.6 FC	16.2 FC	17.8 FC	5.8 FC	6 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.2:1	2:1	1.9:1
15	avg	254 FC	135.4 FC	72.5 FC	46.9 FC	41.8 FC	26.2 FC	24.1 FC	12.7 FC	12.4 FC
	min	141.2 FC	88.5 FC	42.4 FC	28.6 FC	35 FC	17.6 FC	21 FC	5.6 FC	6.2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.3:1	2:1
12	avg	279.1 FC	148.4 FC	79.7 FC	51.7 FC	45.3 FC	29 FC	26.5 FC	14 FC	13.6 FC
	min	147.3 FC	95 FC	45.3 FC	32.5 FC	41 FC	20.2 FC	20.7 FC	4.8 FC	5 FC
		1.9:1	1.6:1	1.8:1	1.6:1	1.1:1	1.4:1	1.3:1	2.9:1	2.7:1
10	avg	296.7 FC	157.2 FC	85.2 FC	55.4 FC	48.1 FC	31.2 FC	28.5 FC	15 FC	14.7 FC
	min	155.7 FC	109.3 FC	48.5 FC	33 FC	38.9 FC	20.5 FC	17.8 FC	4 FC	4.7 FC
		1.9:1	1.4:1	1.8:1	1.7:1	1.2:1	1.5:1	1.6:1	3.7:1	3.1:1
8	avg	316 FC	169.1 FC	91.2 FC	59.5 FC	51.2 FC	33.6 FC	30.7 FC	15.8 FC	15.6 FC
	min	156.4 FC	144.7 FC	53.4 FC	34.3 FC	31.2 FC	17.5 FC	13.4 FC	2.7 FC	3.2 FC
		2:1	1.2:1	1.7:1	1.7:1	1.6:1	1.9:1	2.3:1	5.9:1	4.9:1