



Panel Spacing Tables

RTLED™ 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: RTLED1X4 @ 18W

2,588 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	99.4 FC	53.2 FC	28.5 FC	18.4 FC	16.6 FC	10.3 FC	9.5 FC	5 FC	4.8 FC
	min	56.3 FC	34.4 FC	17.9 FC	11.8 FC	12.3 FC	6.7 FC	7.2 FC	2.5 FC	2.9 FC
		1.8:1	1.6:1	1.6:1	1.6:1	1.4:1	1.5:1	1.3:1	2:1	1.7:1
18	avg	105.5 FC	56.5 FC	30.1 FC	19.5 FC	17.5 FC	10.9 FC	10.1 FC	5.3 FC	5.1 FC
	min	62.6 FC	36.9 FC	18.6 FC	12.3 FC	13.5 FC	7.3 FC	7.9 FC	2.5 FC	2.8 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2.1:1	1.8:1
15	avg	114.9 FC	61.4 FC	32.9 FC	21.4 FC	19 FC	12 FC	11 FC	5.8 FC	5.7 FC
	min	65.4 FC	40.6 FC	20 FC	13.4 FC	15.8 FC	7.9 FC	9.4 FC	2.3 FC	2.9 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.5:1	2:1
12	avg	125.1 FC	66.9 FC	36.1 FC	23.4 FC	20.5 FC	13.2 FC	12 FC	6.4 FC	6.2 FC
	min	65.9 FC	43.7 FC	21.5 FC	14.6 FC	18.4 FC	9.3 FC	9.3 FC	1.9 FC	2 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.3:1	3.4:1	3.1:1
10	avg	132.8 FC	70.8 FC	38.4 FC	25 FC	21.7 FC	14.1 FC	12.9 FC	6.8 FC	6.7 FC
	min	71.6 FC	49.8 FC	23.1 FC	15.4 FC	17.3 FC	9 FC	7.8 FC	1.5 FC	2.1 FC
		1.9:1	1.4:1	1.7:1	1.6:1	1.3:1	1.6:1	1.7:1	4.5:1	3.2:1
8	avg	140.8 FC	75.4 FC	41 FC	26.8 FC	23 FC	15.2 FC	14 FC	7.2 FC	7.1 FC
	min	72.2 FC	63.3 FC	25.7 FC	15.5 FC	13.6 FC	7.7 FC	5.8 FC	1.1 FC	1.5 FC
		2:1	1.2:1	1.6:1	1.7:1	1.7:1	2:1	2.4:1	6.5:1	4.7:1

-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 4/1/2024.

-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: RTLED1X4 @ 25W

3,551 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	136.4 FC	73 FC	39 FC	25.3 FC	22.8 FC	14.1 FC	13.1 FC	6.8 FC	6.6 FC
	min	77.3 FC	47.2 FC	24.5 FC	16.2 FC	16.9 FC	9.2 FC	9.9 FC	3.5 FC	4 FC
		1.8:1	1.6:1	1.6:1	1.6:1	1.4:1	1.5:1	1.3:1	2:1	1.7:1
18	avg	144.7 FC	77.5 FC	41.4 FC	26.8 FC	24 FC	15 FC	13.8 FC	7.2 FC	7 FC
	min	85.9 FC	50.6 FC	25.6 FC	16.9 FC	18.5 FC	10 FC	10.8 FC	3.4 FC	3.9 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2.1:1	1.8:1
15	avg	157.6 FC	84.3 FC	45.2 FC	29.3 FC	26.1 FC	16.4 FC	15 FC	8 FC	7.8 FC
	min	89.8 FC	55.8 FC	27.5 FC	18.4 FC	21.7 FC	10.8 FC	13 FC	3.1 FC	4 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.2:1	2.6:1	2:1
12	avg	171.7 FC	91.8 FC	49.5 FC	32.1 FC	28.1 FC	18.1 FC	16.5 FC	8.8 FC	8.5 FC
	min	90.5 FC	59.9 FC	29.5 FC	20.1 FC	25.2 FC	12.7 FC	12.7 FC	2.6 FC	2.7 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.3:1	3.4:1	3.2:1
10	avg	182.1 FC	97.1 FC	52.7 FC	34.3 FC	29.7 FC	19.4 FC	17.7 FC	9.3 FC	9.2 FC
	min	98.3 FC	68.3 FC	31.7 FC	21.1 FC	23.7 FC	12.3 FC	10.7 FC	2.1 FC	2.9 FC
		1.9:1	1.4:1	1.7:1	1.6:1	1.3:1	1.6:1	1.7:1	4.5:1	3.2:1
8	avg	193.2 FC	103.4 FC	56.2 FC	36.8 FC	31.5 FC	20.9 FC	19.2 FC	9.8 FC	9.7 FC
	min	99.1 FC	86.9 FC	35.2 FC	21.2 FC	18.7 FC	10.5 FC	8 FC	1.5 FC	2.1 FC
		2:1	1.2:1	1.6:1	1.7:1	1.7:1	2:1	2.4:1	6.6:1	4.6:1

FIXTURE: RTLED1X4 @ 30W

4,156 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	159.4 FC	85.4 FC	45.6 FC	29.5 FC	26.6 FC	16.5 FC	15.3 FC	8 FC	7.8 FC
	min	90.4 FC	55.2 FC	28.7 FC	19 FC	19.7 FC	10.8 FC	11.6 FC	4.1 FC	4.7 FC
		1.8:1	1.6:1	1.6:1	1.6:1	1.4:1	1.5:1	1.3:1	2:1	1.7:1
18	avg	169.2 FC	90.6 FC	48.4 FC	31.3 FC	28 FC	17.5 FC	16.1 FC	8.5 FC	8.2 FC
	min	100.5 FC	59.1 FC	29.9 FC	19.7 FC	21.6 FC	11.7 FC	12.7 FC	4 FC	4.5 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2.1:1	1.8:1
15	avg	184.3 FC	98.5 FC	52.8 FC	34.3 FC	30.5 FC	19.2 FC	17.6 FC	9.4 FC	9.1 FC
	min	104.9 FC	65.2 FC	32.2 FC	21.6 FC	25.4 FC	12.7 FC	15.1 FC	3.6 FC	4.7 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.2:1	2.6:1	1.9:1
12	avg	200.7 FC	107.3 FC	57.8 FC	37.6 FC	32.9 FC	21.1 FC	19.3 FC	10.3 FC	10 FC
	min	105.8 FC	70.1 FC	34.4 FC	23.5 FC	29.5 FC	14.9 FC	14.9 FC	3.1 FC	3.2 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.3:1	3.3:1	3.1:1
10	avg	213 FC	113.5 FC	61.6 FC	40.2 FC	34.8 FC	22.7 FC	20.7 FC	10.9 FC	10.7 FC
	min	114.9 FC	79.9 FC	37.1 FC	24.7 FC	27.7 FC	14.4 FC	12.5 FC	2.4 FC	3.4 FC
		1.9:1	1.4:1	1.7:1	1.6:1	1.3:1	1.6:1	1.7:1	4.6:1	3.2:1
8	avg	225.9 FC	120.9 FC	65.8 FC	43.1 FC	36.8 FC	24.4 FC	22.4 FC	11.5 FC	11.4 FC
	min	115.8 FC	101.6 FC	41.2 FC	24.8 FC	21.9 FC	12.3 FC	9.3 FC	1.7 FC	2.5 FC
		2:1	1.2:1	1.6:1	1.7:1	1.7:1	2:1	2.4:1	6.8:1	4.6:1

FIXTURE: RTLED2X2 @ 18W

2,343 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	90.1 FC	48.3 FC	25.9 FC	16.8 FC	15.1 FC	9.4 FC	8.7 FC	4.6 FC	4.4 FC
	min	49.7 FC	31.5 FC	15.9 FC	10.6 FC	11.4 FC	6 FC	6.7 FC	2.3 FC	2.7 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.3:1	2:1	1.6:1
18	avg	95.5 FC	51.2 FC	27.4 FC	17.7 FC	15.9 FC	9.9 FC	9.2 FC	4.9 FC	4.7 FC
	min	55.6 FC	33.8 FC	16.6 FC	11.2 FC	12.5 FC	6.8 FC	7.4 FC	2.2 FC	2.6 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.2:1	2.2:1	1.8:1
15	avg	103.8 FC	55.7 FC	29.9 FC	19.4 FC	17.2 FC	10.9 FC	10 FC	5.3 FC	5.2 FC
	min	58.3 FC	37.5 FC	18 FC	12.2 FC	14.9 FC	7.4 FC	8.5 FC	2 FC	2.6 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.7:1	2:1
12	avg	113 FC	60.6 FC	32.7 FC	21.3 FC	18.6 FC	12 FC	10.9 FC	5.8 FC	5.7 FC
	min	60 FC	40.8 FC	19.4 FC	13.6 FC	16.4 FC	8.3 FC	7.9 FC	1.6 FC	1.6 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.1:1	1.5:1	1.4:1	3.6:1	3.5:1
10	avg	119.8 FC	64.1 FC	34.8 FC	22.7 FC	19.7 FC	12.9 FC	11.8 FC	6.2 FC	6.1 FC
	min	63.3 FC	47.1 FC	21.1 FC	13.7 FC	14.7 FC	7.7 FC	6.5 FC	1.3 FC	1.9 FC
		1.9:1	1.4:1	1.7:1	1.7:1	1.3:1	1.7:1	1.8:1	4.8:1	3.2:1
8	avg	127.1 FC	68.3 FC	37.3 FC	24.4 FC	20.9 FC	13.9 FC	12.8 FC	6.5 FC	6.4 FC
	min	64.1 FC	59.8 FC	23.4 FC	13.9 FC	11.3 FC	6.1 FC	4.9 FC	0.9 FC	1.3 FC
		2:1	1.1:1	1.6:1	1.8:1	1.9:1	2.3:1	2.6:1	7.2:1	5:1

FIXTURE: RTLED2X2 @ 25W

3,357 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	129.1 FC	69.3 FC	37.1 FC	24 FC	21.6 FC	13.4 FC	12.4 FC	6.6 FC	6.4 FC
	min	71.2 FC	45.2 FC	22.7 FC	15.1 FC	16.3 FC	8.6 FC	9.6 FC	3.3 FC	3.8 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.3:1	2:1	1.7:1
18	avg	136.9 FC	73.4 FC	39.2 FC	25.4 FC	22.7 FC	14.2 FC	13.1 FC	7 FC	6.8 FC
	min	79.7 FC	48.4 FC	23.8 FC	16.1 FC	17.9 FC	9.7 FC	10.6 FC	3.1 FC	3.7 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.2:1	2.2:1	1.8:1
15	avg	148.7 FC	79.7 FC	42.8 FC	27.8 FC	24.7 FC	15.6 FC	14.3 FC	7.6 FC	7.4 FC
	min	83.5 FC	53.7 FC	25.8 FC	17.5 FC	21.3 FC	10.5 FC	12.2 FC	2.9 FC	3.7 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.6:1	2:1
12	avg	161.8 FC	86.8 FC	46.8 FC	30.5 FC	26.6 FC	17.2 FC	15.7 FC	8.3 FC	8.1 FC
	min	85.9 FC	58.4 FC	27.8 FC	19.5 FC	23.5 FC	11.8 FC	11.4 FC	2.3 FC	2.3 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.1:1	1.5:1	1.4:1	3.6:1	3.5:1
10	avg	171.6 FC	91.9 FC	49.9 FC	32.6 FC	28.2 FC	18.5 FC	16.8 FC	8.8 FC	8.7 FC
	min	90.7 FC	67.5 FC	30.2 FC	19.6 FC	21.1 FC	11 FC	9.4 FC	1.9 FC	2.7 FC
		1.9:1	1.4:1	1.7:1	1.7:1	1.3:1	1.7:1	1.8:1	4.7:1	3.2:1
8	avg	182.1 FC	97.8 FC	53.4 FC	35 FC	29.9 FC	19.9 FC	18.4 FC	9.3 FC	9.2 FC
	min	91.9 FC	85.7 FC	33.5 FC	20 FC	16.2 FC	8.7 FC	7 FC	1.3 FC	1.9 FC
		2:1	1.1:1	1.6:1	1.8:1	1.9:1	2.3:1	2.6:1	7.2:1	4.9:1

FIXTURE: RTLED2X2 @ 30W

3,814 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	146.7 FC	78.7 FC	42.2 FC	27.3 FC	24.6 FC	15.2 FC	14.1 FC	7.5 FC	7.2 FC
	min	80.9 FC	51.3 FC	25.9 FC	17.2 FC	18.5 FC	9.7 FC	10.9 FC	3.7 FC	4.4 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.3:1	2:1	1.6:1
18	avg	155.6 FC	83.4 FC	44.6 FC	28.9 FC	25.8 FC	16.2 FC	14.9 FC	7.9 FC	7.7 FC
	min	90.6 FC	55 FC	27.1 FC	18.3 FC	20.3 FC	11 FC	12.1 FC	3.5 FC	4.2 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.3:1	1.5:1	1.2:1	2.3:1	1.8:1
15	avg	169 FC	90.7 FC	48.7 FC	31.6 FC	28 FC	17.7 FC	16.2 FC	8.7 FC	8.5 FC
	min	94.9 FC	61.1 FC	29.3 FC	19.9 FC	24.2 FC	12 FC	13.8 FC	3.3 FC	4.2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.6:1	2:1
12	avg	183.9 FC	98.7 FC	53.2 FC	34.6 FC	30.3 FC	19.6 FC	17.8 FC	9.5 FC	9.2 FC
	min	97.6 FC	66.4 FC	31.6 FC	22.2 FC	26.7 FC	13.5 FC	12.9 FC	2.6 FC	2.7 FC
		1.9:1	1.5:1	1.7:1	1.6:1	1.1:1	1.5:1	1.4:1	3.6:1	3.4:1
10	avg	195 FC	104.5 FC	56.7 FC	37 FC	32 FC	21 FC	19.2 FC	10 FC	9.9 FC
	min	103 FC	76.7 FC	34.3 FC	22.3 FC	24 FC	12.5 FC	10.6 FC	2.2 FC	3 FC
		1.9:1	1.4:1	1.7:1	1.7:1	1.3:1	1.7:1	1.8:1	4.6:1	3.3:1
8	avg	207 FC	111.1 FC	60.7 FC	39.7 FC	34 FC	22.6 FC	20.9 FC	10.6 FC	10.5 FC
	min	104.4 FC	97.3 FC	38.1 FC	22.7 FC	18.4 FC	9.9 FC	7.9 FC	1.5 FC	2.1 FC
		2:1	1.1:1	1.6:1	1.8:1	1.9:1	2.3:1	2.6:1	7.1:1	5:1

FIXTURE: RTLED2X4 @ 25W

3,658 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	133.8 FC	72.1 FC	39 FC	25.3 FC	22.8 FC	14.2 FC	13.2 FC	6.9 FC	6.7 FC
	min	74.8 FC	47.5 FC	24.1 FC	16.3 FC	17.1 FC	9.2 FC	10.2 FC	3.6 FC	4.1 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.3:1	1.9:1	1.6:1
18	avg	142 FC	76.5 FC	41.4 FC	26.9 FC	24 FC	15.1 FC	13.9 FC	7.4 FC	7.2 FC
	min	83.5 FC	50.8 FC	25.3 FC	17.3 FC	18.8 FC	10.4 FC	11.2 FC	3.5 FC	4.1 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.2:1	2.1:1	1.7:1
15	avg	154.6 FC	83.2 FC	45.2 FC	29.4 FC	26.2 FC	16.6 FC	15.2 FC	8.1 FC	7.9 FC
	min	87.7 FC	55.9 FC	27.3 FC	18.6 FC	22.2 FC	11.2 FC	13.2 FC	3.3 FC	4.1 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.5:1	1.9:1
12	avg	168.7 FC	90.8 FC	49.6 FC	32.4 FC	28.3 FC	18.3 FC	16.7 FC	8.9 FC	8.6 FC
	min	91.5 FC	60.4 FC	29.5 FC	20.9 FC	25.6 FC	12.8 FC	12.7 FC	2.7 FC	2.8 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.3:1	3.3:1	3.1:1
10	avg	179 FC	96.2 FC	52.8 FC	34.6 FC	30 FC	19.7 FC	17.9 FC	9.5 FC	9.3 FC
	min	96.8 FC	69.5 FC	31.8 FC	21.3 FC	23.6 FC	12.7 FC	10.7 FC	2.3 FC	3.2 FC
		1.9:1	1.4:1	1.7:1	1.6:1	1.3:1	1.6:1	1.7:1	4.1:1	2.9:1
8	avg	190.2 FC	102.5 FC	56.6 FC	37.2 FC	31.8 FC	21.2 FC	19.5 FC	10 FC	9.9 FC
	min	96.9 FC	88.5 FC	35.3 FC	22 FC	18.7 FC	10.5 FC	8.1 FC	1.6 FC	2.2 FC
		2:1	1.2:1	1.6:1	1.7:1	1.7:1	2:1	2.4:1	6.3:1	4.5:1

FIXTURE: RTLED2X4 @ 30W

4,300 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	157.3 FC	84.8 FC	45.9 FC	29.8 FC	26.8 FC	16.7 FC	15.5 FC	8.2 FC	7.9 FC
	min	88 FC	55.8 FC	28.4 FC	19.1 FC	20.1 FC	10.9 FC	12 FC	4.2 FC	4.9 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	166.9 FC	89.9 FC	48.6 FC	31.6 FC	28.3 FC	17.8 FC	16.4 FC	8.7 FC	8.4 FC
	min	98.1 FC	59.7 FC	29.8 FC	20.3 FC	22.1 FC	12.2 FC	13.1 FC	4.1 FC	4.8 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2.1:1	1.8:1
15	avg	181.7 FC	97.9 FC	53.2 FC	34.6 FC	30.8 FC	19.5 FC	17.9 FC	9.5 FC	9.3 FC
	min	103.1 FC	65.7 FC	32.1 FC	21.9 FC	26.1 FC	13.2 FC	15.5 FC	3.9 FC	4.9 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.5:1	1.9:1
12	avg	198.4 FC	106.8 FC	58.3 FC	38 FC	33.3 FC	21.5 FC	19.6 FC	10.4 FC	10.2 FC
	min	107.6 FC	71 FC	34.7 FC	24.5 FC	30.1 FC	15.1 FC	14.9 FC	3.2 FC	3.2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.3:1	3.3:1	3.2:1
10	avg	210.5 FC	113.1 FC	62.1 FC	40.7 FC	35.3 FC	23.1 FC	21.1 FC	11.1 FC	11 FC
	min	113.8 FC	81.7 FC	37.4 FC	25 FC	27.7 FC	15 FC	12.6 FC	2.7 FC	3.7 FC
		1.9:1	1.4:1	1.7:1	1.6:1	1.3:1	1.5:1	1.7:1	4.1:1	3:1
8	avg	223.7 FC	120.5 FC	66.5 FC	43.7 FC	37.4 FC	24.9 FC	23 FC	11.8 FC	11.7 FC
	min	114 FC	104 FC	41.5 FC	25.9 FC	22 FC	12.3 FC	9.6 FC	1.9 FC	2.6 FC
		2:1	1.2:1	1.6:1	1.7:1	1.7:1	2:1	2.4:1	6.2:1	4.5:1

FIXTURE: RTLED2X4 @ 35W

4,955 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	181.1 FC	97.7 FC	52.8 FC	34.3 FC	30.9 FC	19.3 FC	17.9 FC	9.4 FC	9.1 FC
	min	101.3 FC	64.3 FC	32.7 FC	22 FC	23.1 FC	12.5 FC	13.8 FC	4.9 FC	5.6 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	1.6:1
18	avg	192.3 FC	103.6 FC	56 FC	36.4 FC	32.6 FC	20.5 FC	18.9 FC	10 FC	9.7 FC
	min	113 FC	68.8 FC	34.3 FC	23.4 FC	25.5 FC	14 FC	15.1 FC	4.7 FC	5.5 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2.1:1	1.8:1
15	avg	209.3 FC	112.7 FC	61.3 FC	39.9 FC	35.5 FC	22.4 FC	20.6 FC	11 FC	10.7 FC
	min	118.7 FC	75.7 FC	37 FC	25.2 FC	30.1 FC	15.2 FC	17.9 FC	4.4 FC	5.6 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.5:1	1.9:1
12	avg	228.4 FC	122.9 FC	67.1 FC	43.8 FC	38.3 FC	24.8 FC	22.6 FC	12 FC	11.7 FC
	min	123.9 FC	81.7 FC	39.9 FC	28.2 FC	34.6 FC	17.3 FC	17.2 FC	3.7 FC	3.7 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.3:1	3.3:1	3.2:1
10	avg	242.4 FC	130.3 FC	71.5 FC	46.9 FC	40.6 FC	26.6 FC	24.3 FC	12.8 FC	12.6 FC
	min	131 FC	94.1 FC	43.1 FC	28.8 FC	31.9 FC	17.2 FC	14.5 FC	3.1 FC	4.3 FC
		1.9:1	1.4:1	1.7:1	1.6:1	1.3:1	1.6:1	1.7:1	4.1:1	2.9:1
8	avg	257.6 FC	138.7 FC	76.6 FC	50.4 FC	43.1 FC	28.7 FC	26.4 FC	13.6 FC	13.4 FC
	min	131.3 FC	119.8 FC	47.8 FC	29.8 FC	25.3 FC	14.2 FC	11 FC	2.2 FC	3 FC
		2:1	1.2:1	1.6:1	1.7:1	1.7:1	2:1	2.4:1	6.2:1	4.5:1