



# Panel Spacing Tables

## T34™ FA 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: T34FA-1X4 @ 20W

2,198 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	79.7 FC	42.8 FC	22.8 FC	14.7 FC	13.4 FC	8.2 FC	7.7 FC	4 FC	3.9 FC
	min	47.7 FC	29 FC	14.7 FC	9.8 FC	10 FC	5.5 FC	5.9 FC	2.3 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	1.7:1	1.6:1
18	avg	85.3 FC	45.8 FC	24.3 FC	15.7 FC	14.1 FC	8.8 FC	8.1 FC	4.2 FC	4.1 FC
	min	53 FC	31.2 FC	15.3 FC	10.4 FC	11 FC	6.1 FC	6.4 FC	2.2 FC	2.5 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.4:1	1.3:1	1.9:1	1.6:1
15	avg	93.5 FC	50.1 FC	26.8 FC	17.3 FC	15.5 FC	9.7 FC	8.9 FC	4.8 FC	4.6 FC
	min	55.7 FC	34 FC	16.5 FC	11.2 FC	12.8 FC	6.6 FC	7.7 FC	2.2 FC	2.6 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	103.3 FC	55.3 FC	29.6 FC	19.2 FC	16.9 FC	10.7 FC	9.8 FC	5.2 FC	5.1 FC
	min	58.5 FC	36.7 FC	17.8 FC	12.4 FC	15.3 FC	7.4 FC	8.1 FC	1.8 FC	1.9 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.2:1	2.9:1	2.7:1
10	avg	110 FC	58.7 FC	31.7 FC	20.6 FC	18 FC	11.6 FC	10.6 FC	5.7 FC	5.5 FC
	min	61.3 FC	41.2 FC	19 FC	12.7 FC	15.3 FC	7.8 FC	7.3 FC	1.6 FC	2.1 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.5:1	3.5:1	2.6:1
8	avg	117.9 FC	63.1 FC	34.1 FC	22.2 FC	19 FC	12.6 FC	11.5 FC	6 FC	5.9 FC
	min	61.5 FC	51 FC	20.8 FC	13.5 FC	12.6 FC	7.1 FC	5.6 FC	1 FC	1.5 FC
		1.9:1	1.2:1	1.6:1	1.6:1	1.5:1	1.8:1	2.1:1	6:1	3.9:1

-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 9/15/2023.

-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: T34FA-1X4 @ 30W

3,223 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	116.9 FC	62.7 FC	33.5 FC	21.6 FC	19.6 FC	12 FC	11.2 FC	5.8 FC	5.7 FC
	min	70 FC	42.5 FC	21.5 FC	14.4 FC	14.7 FC	8 FC	8.6 FC	3.3 FC	3.7 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	1.5:1
18	avg	125.1 FC	67.1 FC	35.6 FC	23 FC	20.7 FC	12.8 FC	11.9 FC	6.2 FC	6 FC
	min	77.6 FC	45.8 FC	22.5 FC	15.2 FC	16.1 FC	8.9 FC	9.3 FC	3.2 FC	3.6 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.4:1	1.3:1	1.9:1	1.7:1
15	avg	137.2 FC	73.4 FC	39.3 FC	25.4 FC	22.7 FC	14.2 FC	13.1 FC	7 FC	6.8 FC
	min	81.7 FC	49.9 FC	24.2 FC	16.4 FC	18.8 FC	9.7 FC	11.3 FC	3.2 FC	3.8 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	151.5 FC	81.1 FC	43.4 FC	28.1 FC	24.7 FC	15.6 FC	14.4 FC	7.7 FC	7.5 FC
	min	85.8 FC	53.8 FC	26 FC	18.2 FC	22.5 FC	10.9 FC	11.9 FC	2.7 FC	2.8 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	161.4 FC	86.1 FC	46.5 FC	30.2 FC	26.4 FC	17 FC	15.5 FC	8.3 FC	8.1 FC
	min	89.9 FC	60.5 FC	27.8 FC	18.6 FC	22.5 FC	11.4 FC	10.7 FC	2.3 FC	3.2 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.5:1	3.6:1	2.5:1
8	avg	172.8 FC	92.5 FC	49.9 FC	32.5 FC	27.9 FC	18.4 FC	16.9 FC	8.7 FC	8.6 FC
	min	90.2 FC	74.8 FC	30.5 FC	19.8 FC	18.4 FC	10.4 FC	8.3 FC	1.5 FC	2.1 FC
		1.9:1	1.2:1	1.6:1	1.6:1	1.5:1	1.8:1	2:1	5.8:1	4.1:1

# FIXTURE: T34FA-1X4 @ 40W

4,089 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	148.3 FC	79.5 FC	42.5 FC	27.4 FC	24.9 FC	15.2 FC	14.2 FC	7.4 FC	7.2 FC
	min	88.8 FC	54 FC	27.3 FC	18.2 FC	18.7 FC	10.2 FC	10.9 FC	4.2 FC	4.7 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	1.5:1
18	avg	158.6 FC	85.1 FC	45.2 FC	29.2 FC	26.3 FC	16.3 FC	15.1 FC	7.9 FC	7.6 FC
	min	98.5 FC	58.1 FC	28.5 FC	19.3 FC	20.4 FC	11.3 FC	11.8 FC	4.1 FC	4.6 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.4:1	1.3:1	1.9:1	1.7:1
15	avg	173.9 FC	93.1 FC	49.8 FC	32.2 FC	28.8 FC	18 FC	16.6 FC	8.9 FC	8.6 FC
	min	103.6 FC	63.3 FC	30.7 FC	20.7 FC	23.8 FC	12.3 FC	14.3 FC	4 FC	4.9 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	192.1 FC	102.9 FC	55 FC	35.6 FC	31.4 FC	19.8 FC	18.2 FC	9.8 FC	9.5 FC
	min	108.9 FC	68.2 FC	33 FC	23.1 FC	28.5 FC	13.8 FC	15.2 FC	3.4 FC	3.5 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	204.6 FC	109.2 FC	59 FC	38.3 FC	33.4 FC	21.5 FC	19.7 FC	10.5 FC	10.3 FC
	min	114 FC	76.7 FC	35.3 FC	23.6 FC	28.5 FC	14.4 FC	13.5 FC	3 FC	4 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.5:1	3.5:1	2.6:1
8	avg	219.2 FC	117.3 FC	63.3 FC	41.3 FC	35.4 FC	23.3 FC	21.4 FC	11.1 FC	10.9 FC
	min	114.4 FC	94.8 FC	38.7 FC	25.1 FC	23.4 FC	13.2 FC	10.5 FC	1.9 FC	2.7 FC
		1.9:1	1.2:1	1.6:1	1.6:1	1.5:1	1.8:1	2:1	5.8:1	4:1

# FIXTURE: T34FA-2X2 @ 20W

2,341 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	87.4 FC	46.7 FC	24.8 FC	16 FC	14.5 FC	8.9 FC	8.3 FC	4.3 FC	4.2 FC
	min	54.4 FC	30.3 FC	16 FC	10.2 FC	10.8 FC	5.7 FC	6.1 FC	2.3 FC	2.6 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.4:1	1.9:1	1.6:1
18	avg	93.3 FC	49.9 FC	26.4 FC	17 FC	15.3 FC	9.5 FC	8.8 FC	4.6 FC	4.4 FC
	min	56.5 FC	32.5 FC	16.3 FC	10.7 FC	11.5 FC	6.3 FC	6.6 FC	2.2 FC	2.5 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	102.2 FC	54.6 FC	29 FC	18.7 FC	16.7 FC	10.4 FC	9.6 FC	5.1 FC	5 FC
	min	59.6 FC	35.9 FC	17.6 FC	12.1 FC	13.5 FC	6.8 FC	8.1 FC	2.1 FC	2.6 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.4:1	1.9:1
12	avg	112.8 FC	60 FC	32 FC	20.7 FC	18.2 FC	11.5 FC	10.6 FC	5.6 FC	5.5 FC
	min	60 FC	38.6 FC	18.9 FC	12.7 FC	16.3 FC	7.7 FC	8.6 FC	1.8 FC	1.9 FC
		1.9:1	1.6:1	1.7:1	1.6:1	1.1:1	1.5:1	1.2:1	3.1:1	2.9:1
10	avg	120.1 FC	63.9 FC	34.3 FC	22.2 FC	19.4 FC	12.5 FC	11.4 FC	6.1 FC	5.9 FC
	min	64.4 FC	43.7 FC	20.4 FC	13.2 FC	16.1 FC	7.8 FC	7.6 FC	1.5 FC	2.1 FC
		1.9:1	1.5:1	1.7:1	1.7:1	1.2:1	1.6:1	1.5:1	4:1	2.8:1
8	avg	128.9 FC	68.6 FC	36.8 FC	23.9 FC	20.6 FC	13.5 FC	12.4 FC	6.4 FC	6.3 FC
	min	67.7 FC	55.3 FC	22.6 FC	13.5 FC	13.3 FC	7.2 FC	5.9 FC	1 FC	1.4 FC
		1.9:1	1.2:1	1.6:1	1.8:1	1.6:1	1.9:1	2.1:1	6.4:1	4.5:1

# FIXTURE: T34FA-2X2 @ 30W

3,411 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	127.4 FC	68 FC	36.1 FC	23.2 FC	21.1 FC	12.9 FC	12.1 FC	6.3 FC	6.1 FC
	min	79.2 FC	44.2 FC	23.3 FC	14.9 FC	15.7 FC	8.3 FC	8.9 FC	3.3 FC	3.7 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.4:1	1.9:1	1.7:1
18	avg	135.9 FC	72.7 FC	38.4 FC	24.7 FC	22.3 FC	13.8 FC	12.8 FC	6.7 FC	6.5 FC
	min	82.3 FC	47.4 FC	23.6 FC	15.6 FC	16.8 FC	9.1 FC	9.7 FC	3.3 FC	3.6 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2:1	1.8:1
15	avg	148.9 FC	79.5 FC	42.3 FC	27.3 FC	24.4 FC	15.2 FC	14 FC	7.5 FC	7.2 FC
	min	86.8 FC	52.3 FC	25.6 FC	17.6 FC	19.7 FC	9.9 FC	11.7 FC	3.1 FC	3.8 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.4:1	1.9:1
12	avg	164.3 FC	87.5 FC	46.6 FC	30.1 FC	26.5 FC	16.8 FC	15.4 FC	8.2 FC	8 FC
	min	87.3 FC	56.3 FC	27.5 FC	18.4 FC	23.7 FC	11.2 FC	12.5 FC	2.7 FC	2.7 FC
		1.9:1	1.6:1	1.7:1	1.6:1	1.1:1	1.5:1	1.2:1	3:1	3:1
10	avg	175.1 FC	93.2 FC	49.9 FC	32.3 FC	28.2 FC	18.2 FC	16.6 FC	8.8 FC	8.7 FC
	min	93.8 FC	63.6 FC	29.7 FC	19.2 FC	23.5 FC	11.3 FC	11.1 FC	2.2 FC	3 FC
		1.9:1	1.5:1	1.7:1	1.7:1	1.2:1	1.6:1	1.5:1	4:1	2.9:1
8	avg	187.8 FC	99.9 FC	53.7 FC	34.8 FC	29.9 FC	19.7 FC	18.1 FC	9.3 FC	9.2 FC
	min	98.7 FC	80.6 FC	33 FC	19.6 FC	19.4 FC	10.5 FC	8.6 FC	1.4 FC	2.1 FC
		1.9:1	1.2:1	1.6:1	1.8:1	1.5:1	1.9:1	2.1:1	6.6:1	4.4:1

# FIXTURE: T34FA-2X2 @ 40W

4,328 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	161.5 FC	86.3 FC	45.8 FC	29.5 FC	26.8 FC	16.4 FC	15.3 FC	7.9 FC	7.7 FC
	min	100.5 FC	56 FC	29.5 FC	18.9 FC	19.9 FC	10.5 FC	11.3 FC	4.2 FC	4.7 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.4:1	1.9:1	1.6:1
18	avg	172.3 FC	92.2 FC	48.7 FC	31.4 FC	28.2 FC	17.5 FC	16.2 FC	8.4 FC	8.2 FC
	min	104.3 FC	60.1 FC	30 FC	19.7 FC	21.3 FC	11.6 FC	12.3 FC	4.1 FC	4.6 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	188.9 FC	100.9 FC	53.6 FC	34.6 FC	31 FC	19.3 FC	17.8 FC	9.5 FC	9.2 FC
	min	110.1 FC	66.3 FC	32.4 FC	22.2 FC	24.9 FC	12.5 FC	14.9 FC	3.9 FC	4.8 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.4:1	1.9:1
12	avg	208.4 FC	111 FC	59.1 FC	38.2 FC	33.7 FC	21.3 FC	19.5 FC	10.4 FC	10.1 FC
	min	110.7 FC	71.4 FC	34.9 FC	23.3 FC	30.1 FC	14.2 FC	15.9 FC	3.4 FC	3.5 FC
		1.9:1	1.6:1	1.7:1	1.6:1	1.1:1	1.5:1	1.2:1	3.1:1	2.9:1
10	avg	222 FC	118.2 FC	63.3 FC	41 FC	35.8 FC	23.1 FC	21.1 FC	11.2 FC	11 FC
	min	118.9 FC	80.6 FC	37.6 FC	24.4 FC	29.8 FC	14.4 FC	14 FC	2.8 FC	3.8 FC
		1.9:1	1.5:1	1.7:1	1.7:1	1.2:1	1.6:1	1.5:1	4:1	2.9:1
8	avg	238.2 FC	126.8 FC	68.1 FC	44.2 FC	38 FC	25 FC	22.9 FC	11.8 FC	11.6 FC
	min	125 FC	102.2 FC	41.8 FC	24.8 FC	24.6 FC	13.3 FC	10.9 FC	1.8 FC	2.7 FC
		1.9:1	1.2:1	1.6:1	1.8:1	1.5:1	1.9:1	2.1:1	6.5:1	4.3:1

# FIXTURE: T34FA-2X4 @ 30W

3,943 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	139 FC	75.3 FC	40.5 FC	26.3 FC	23.7 FC	14.6 FC	13.6 FC	7.1 FC	6.9 FC
	min	85.5 FC	49.8 FC	26.8 FC	17.3 FC	17.7 FC	9.8 FC	10.2 FC	3.9 FC	4.4 FC
		1.6:1	1.5:1	1.5:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	148.5 FC	80.2 FC	43.1 FC	27.9 FC	25.1 FC	15.6 FC	14.5 FC	7.6 FC	7.4 FC
	min	93 FC	53.2 FC	27.5 FC	18 FC	19 FC	10.5 FC	11.1 FC	4 FC	4.3 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	1.9:1	1.7:1
15	avg	163 FC	87.8 FC	47.5 FC	30.9 FC	27.5 FC	17.3 FC	15.9 FC	8.5 FC	8.3 FC
	min	97.8 FC	58.3 FC	29.8 FC	20.3 FC	22.2 FC	11.4 FC	13.3 FC	3.7 FC	4.5 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.2:1	1.5:1	1.2:1	2.3:1	1.8:1
12	avg	179.6 FC	96.9 FC	52.5 FC	34.2 FC	29.9 FC	19 FC	17.5 FC	9.4 FC	9.1 FC
	min	98.2 FC	62.3 FC	31.9 FC	21.4 FC	26.8 FC	13.3 FC	14.4 FC	3.3 FC	3.4 FC
		1.8:1	1.6:1	1.6:1	1.6:1	1.1:1	1.4:1	1.2:1	2.9:1	2.7:1
10	avg	191.4 FC	103.2 FC	56.2 FC	36.7 FC	32 FC	20.7 FC	18.9 FC	10.1 FC	9.9 FC
	min	105.6 FC	70.1 FC	34.4 FC	22.7 FC	27.2 FC	13.4 FC	13 FC	2.5 FC	3.7 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.2:1	1.5:1	1.5:1	4.1:1	2.7:1
8	avg	204.7 FC	110.3 FC	60.3 FC	39.5 FC	33.8 FC	22.4 FC	20.5 FC	10.7 FC	10.5 FC
	min	111.4 FC	86.3 FC	38 FC	23 FC	22.6 FC	12.6 FC	10.2 FC	1.8 FC	2.7 FC
		1.8:1	1.3:1	1.6:1	1.7:1	1.5:1	1.8:1	2:1	5.9:1	3.9:1

# FIXTURE: T34FA-2X4 @ 40W

4,989 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	175.7 FC	95.1 FC	51.2 FC	33.2 FC	30 FC	18.5 FC	17.3 FC	9 FC	8.8 FC
	min	108.3 FC	63 FC	33.9 FC	21.9 FC	22.4 FC	12.4 FC	12.9 FC	4.9 FC	5.5 FC
		1.6:1	1.5:1	1.5:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	187.7 FC	101.4 FC	54.5 FC	35.3 FC	31.7 FC	19.7 FC	18.3 FC	9.6 FC	9.3 FC
	min	117.5 FC	67.2 FC	34.8 FC	22.8 FC	24.1 FC	13.3 FC	14 FC	5 FC	5.4 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	1.9:1	1.7:1
15	avg	206.1 FC	111 FC	60.1 FC	39.1 FC	34.8 FC	21.8 FC	20.1 FC	10.8 FC	10.5 FC
	min	123.6 FC	73.6 FC	37.6 FC	25.6 FC	28 FC	14.4 FC	16.9 FC	4.7 FC	5.7 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.2:1	1.5:1	1.2:1	2.3:1	1.8:1
12	avg	227.2 FC	122.6 FC	66.4 FC	43.2 FC	37.9 FC	24.1 FC	22.1 FC	11.9 FC	11.5 FC
	min	124.2 FC	78.8 FC	40.4 FC	27.1 FC	34 FC	16.8 FC	18.3 FC	4.2 FC	4.3 FC
		1.8:1	1.6:1	1.6:1	1.6:1	1.1:1	1.4:1	1.2:1	2.8:1	2.7:1
10	avg	242.1 FC	130.5 FC	71.1 FC	46.4 FC	40.4 FC	26.1 FC	23.9 FC	12.8 FC	12.5 FC
	min	133.6 FC	88.7 FC	43.5 FC	28.7 FC	34.5 FC	16.9 FC	16.5 FC	3.2 FC	4.6 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.2:1	1.6:1	1.5:1	4:1	2.7:1
8	avg	259 FC	139.6 FC	76.3 FC	49.9 FC	42.7 FC	28.3 FC	25.9 FC	13.5 FC	13.3 FC
	min	141.2 FC	109 FC	48.1 FC	29.1 FC	28.6 FC	15.9 FC	12.9 FC	2.3 FC	3.4 FC
		1.8:1	1.3:1	1.6:1	1.7:1	1.5:1	1.8:1	2:1	5.9:1	3.9:1

# FIXTURE: T34FA-2X4 @ 50W

6,027 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	212.3 FC	114.9 FC	61.8 FC	40.1 FC	36.2 FC	22.3 FC	20.8 FC	10.9 FC	10.6 FC
	min	130.8 FC	76.1 FC	40.9 FC	26.5 FC	27.1 FC	15 FC	15.6 FC	5.9 FC	6.7 FC
		1.6:1	1.5:1	1.5:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
18	avg	226.8 FC	122.5 FC	65.9 FC	42.7 FC	38.3 FC	23.8 FC	22.1 FC	11.6 FC	11.2 FC
	min	142 FC	81.3 FC	42.1 FC	27.5 FC	29.1 FC	16.1 FC	16.9 FC	6 FC	6.5 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	1.9:1	1.7:1
15	avg	248.9 FC	134.2 FC	72.6 FC	47.2 FC	42.1 FC	26.4 FC	24.3 FC	13 FC	12.6 FC
	min	149.3 FC	89 FC	45.5 FC	31 FC	33.9 FC	17.4 FC	20.4 FC	5.7 FC	6.9 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.2:1	1.5:1	1.2:1	2.3:1	1.8:1
12	avg	274.4 FC	148.1 FC	80.2 FC	52.2 FC	45.7 FC	29.1 FC	26.7 FC	14.3 FC	13.9 FC
	min	150 FC	95.2 FC	48.8 FC	32.7 FC	41 FC	20.3 FC	22.1 FC	5.1 FC	5.2 FC
		1.8:1	1.6:1	1.6:1	1.6:1	1.1:1	1.4:1	1.2:1	2.8:1	2.7:1
10	avg	292.5 FC	157.6 FC	85.9 FC	56 FC	48.9 FC	31.6 FC	28.9 FC	15.5 FC	15.1 FC
	min	161.5 FC	107.1 FC	52.6 FC	34.7 FC	41.6 FC	20.4 FC	20 FC	3.9 FC	5.6 FC
		1.8:1	1.5:1	1.6:1	1.6:1	1.2:1	1.6:1	1.4:1	4:1	2.7:1
8	avg	312.9 FC	168.6 FC	92.2 FC	60.3 FC	51.6 FC	34.2 FC	31.4 FC	16.3 FC	16.1 FC
	min	170.3 FC	131.8 FC	58.2 FC	35.1 FC	34.6 FC	19.2 FC	15.6 FC	2.8 FC	4.1 FC
		1.8:1	1.3:1	1.6:1	1.7:1	1.5:1	1.8:1	2:1	5.8:1	3.9:1