



Panel Spacing Tables

T34™ FAHE 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: T34FAHE-2X2 @ 17W

2,306 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	85.8 FC	45.9 FC	24.3 FC	15.7 FC	14.2 FC	8.7 FC	8.1 FC	4.2 FC	4.1 FC
	min	51 FC	31.2 FC	15.6 FC	10.3 FC	10.7 FC	5.8 FC	6.2 FC	2.4 FC	2.6 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	91.7 FC	49 FC	25.9 FC	16.7 FC	15 FC	9.3 FC	8.6 FC	4.5 FC	4.4 FC
	min	56.6 FC	33.3 FC	16.3 FC	10.9 FC	11.7 FC	6.4 FC	6.8 FC	2.3 FC	2.6 FC
		1.6:1	1.5:1	1.6:1	1.5:1	1.3:1	1.5:1	1.3:1	2:1	1.7:1
15	avg	100.4 FC	53.7 FC	28.5 FC	18.4 FC	16.4 FC	10.3 FC	9.5 FC	5 FC	4.9 FC
	min	59.5 FC	36.6 FC	17.5 FC	11.8 FC	13.7 FC	7 FC	8.2 FC	2.3 FC	2.7 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	110.8 FC	59.1 FC	31.4 FC	20.3 FC	17.9 FC	11.3 FC	10.4 FC	5.5 FC	5.4 FC
	min	62.7 FC	39.5 FC	18.8 FC	13.1 FC	16.3 FC	7.9 FC	8.5 FC	1.9 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	2.8:1
10	avg	118 FC	62.9 FC	33.7 FC	21.8 FC	19.1 FC	12.3 FC	11.2 FC	6 FC	5.8 FC
	min	65.8 FC	45 FC	20.2 FC	13.4 FC	16 FC	8.2 FC	7.5 FC	1.6 FC	2.2 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	2.7:1
8	avg	126.6 FC	67.4 FC	36.2 FC	23.5 FC	20.2 FC	13.3 FC	12.2 FC	6.3 FC	6.2 FC
	min	66.1 FC	56.6 FC	22.4 FC	14.2 FC	13.1 FC	7.5 FC	5.8 FC	1 FC	1.5 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.5:1	1.8:1	2.1:1	6.3:1	4.1:1

-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: T34FAHE-2X2 @ 23W

2,997 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	111.5 FC	59.7 FC	31.6 FC	20.3 FC	18.5 FC	11.3 FC	10.6 FC	5.5 FC	5.3 FC
	min	66.2 FC	40.5 FC	20.2 FC	13.4 FC	13.9 FC	7.5 FC	8.1 FC	3.1 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	119.2 FC	63.7 FC	33.6 FC	21.6 FC	19.5 FC	12.1 FC	11.2 FC	5.8 FC	5.7 FC
	min	73.6 FC	43.4 FC	21.1 FC	14.2 FC	15.2 FC	8.4 FC	8.8 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	1.9:1	1.7:1
15	avg	130.5 FC	69.8 FC	37 FC	23.9 FC	21.4 FC	13.3 FC	12.3 FC	6.5 FC	6.3 FC
	min	77.3 FC	47.7 FC	22.8 FC	15.3 FC	17.8 FC	9.1 FC	10.7 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	1.2:1	2.3:1	1.8:1
12	avg	144 FC	76.8 FC	40.8 FC	26.4 FC	23.3 FC	14.7 FC	13.5 FC	7.2 FC	7 FC
	min	81.5 FC	51.4 FC	24.5 FC	17 FC	21.2 FC	10.2 FC	11 FC	2.5 FC	2.5 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	2.8:1
10	avg	153.4 FC	81.8 FC	43.7 FC	28.3 FC	24.8 FC	15.9 FC	14.6 FC	7.7 FC	7.6 FC
	min	85.5 FC	58.5 FC	26.2 FC	17.4 FC	20.8 FC	10.6 FC	9.8 FC	2.1 FC	2.9 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	164.6 FC	87.6 FC	47 FC	30.5 FC	26.2 FC	17.2 FC	15.8 FC	8.1 FC	8 FC
	min	85.9 FC	73.6 FC	29.1 FC	18.5 FC	17 FC	9.7 FC	7.6 FC	1.3 FC	2 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.5:1	1.8:1	2.1:1	6.3:1	4:1

FIXTURE: T34FAHE-2X2 @ 30W

3,814 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	141.8 FC	75.9 FC	40.2 FC	25.9 FC	23.5 FC	14.4 FC	13.4 FC	7 FC	6.8 FC
	min	84.3 FC	51.5 FC	25.7 FC	17.1 FC	17.7 FC	9.6 FC	10.3 FC	3.9 FC	4.4 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	1.5:1
18	avg	151.7 FC	80.9 FC	42.7 FC	27.5 FC	24.8 FC	15.4 FC	14.3 FC	7.4 FC	7.2 FC
	min	93.7 FC	55.1 FC	26.9 FC	18.1 FC	19.4 FC	10.7 FC	11.2 FC	3.8 FC	4.3 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	166 FC	88.8 FC	47.1 FC	30.4 FC	27.2 FC	17 FC	15.7 FC	8.3 FC	8.1 FC
	min	98.3 FC	60.6 FC	29 FC	19.5 FC	22.6 FC	11.6 FC	13.6 FC	3.7 FC	4.5 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	183.2 FC	97.7 FC	51.9 FC	33.6 FC	29.6 FC	18.7 FC	17.2 FC	9.2 FC	8.9 FC
	min	103.7 FC	65.4 FC	31.2 FC	21.7 FC	27 FC	13 FC	14 FC	3.1 FC	3.2 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.1:1	1.4:1	1.2:1	3:1	2.8:1
10	avg	195.2 FC	104 FC	55.6 FC	36 FC	31.5 FC	20.3 FC	18.6 FC	9.8 FC	9.6 FC
	min	108.8 FC	74.3 FC	33.4 FC	22.2 FC	26.4 FC	13.5 FC	12.4 FC	2.7 FC	3.7 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	2.6:1
8	avg	209.3 FC	111.4 FC	59.9 FC	38.9 FC	33.4 FC	22 FC	20.2 FC	10.4 FC	10.2 FC
	min	109.3 FC	93.5 FC	37 FC	23.6 FC	21.6 FC	12.4 FC	9.6 FC	1.7 FC	2.5 FC
		1.9:1	1.2:1	1.6:1	1.7:1	1.6:1	1.8:1	2.1:1	6.1:1	4.1:1

FIXTURE: T34FAHE-2X4 @ 17W

2,391 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	84.1 FC	45.6 FC	24.5 FC	15.9 FC	14.4 FC	8.9 FC	8.3 FC	4.3 FC	4.2 FC
	min	50.5 FC	31 FC	15.8 FC	10.6 FC	10.8 FC	5.9 FC	6.3 FC	2.5 FC	2.7 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	89.9 FC	48.6 FC	26.1 FC	16.9 FC	15.2 FC	9.4 FC	8.8 FC	4.6 FC	4.5 FC
	min	55.8 FC	33.1 FC	16.5 FC	11.2 FC	11.8 FC	6.6 FC	6.9 FC	2.4 FC	2.7 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	98.7 FC	53.2 FC	28.8 FC	18.7 FC	16.7 FC	10.5 FC	9.6 FC	5.2 FC	5 FC
	min	58.9 FC	36 FC	17.8 FC	12 FC	13.7 FC	7.1 FC	8.3 FC	2.4 FC	2.9 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	1.7:1
12	avg	108.8 FC	58.7 FC	31.8 FC	20.7 FC	18.1 FC	11.5 FC	10.6 FC	5.7 FC	5.5 FC
	min	61.9 FC	38.7 FC	19 FC	13.4 FC	16.5 FC	8 FC	8.8 FC	2 FC	2.1 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	2.6:1
10	avg	115.9 FC	62.5 FC	34 FC	22.2 FC	19.4 FC	12.5 FC	11.5 FC	6.1 FC	6 FC
	min	64.5 FC	43.9 FC	20.4 FC	13.7 FC	16.6 FC	8.4 FC	7.9 FC	1.7 FC	2.3 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	2.6:1
8	avg	124 FC	66.8 FC	36.6 FC	23.9 FC	20.5 FC	13.6 FC	12.4 FC	6.5 FC	6.4 FC
	min	64.9 FC	53.8 FC	22.5 FC	14.6 FC	13.6 FC	7.7 FC	6.1 FC	1.1 FC	1.6 FC
		1.9:1	1.2:1	1.6:1	1.6:1	1.5:1	1.8:1	2:1	5.9:1	4:1

FIXTURE: T34FAHE-2X4 @ 23W

3,132 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	110.2 FC	59.7 FC	32.1 FC	20.8 FC	18.8 FC	11.6 FC	10.8 FC	5.7 FC	5.5 FC
	min	66.1 FC	40.5 FC	20.7 FC	13.8 FC	14.1 FC	7.8 FC	8.3 FC	3.2 FC	3.6 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	117.8 FC	63.6 FC	34.2 FC	22.2 FC	19.9 FC	12.4 FC	11.5 FC	6 FC	5.8 FC
	min	73.2 FC	43.4 FC	21.6 FC	14.7 FC	15.4 FC	8.6 FC	9 FC	3.1 FC	3.5 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	1.7:1
15	avg	129.3 FC	69.7 FC	37.7 FC	24.5 FC	21.8 FC	13.7 FC	12.6 FC	6.8 FC	6.6 FC
	min	77.1 FC	47.2 FC	23.3 FC	15.8 FC	18 FC	9.4 FC	10.8 FC	3.1 FC	3.7 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	142.6 FC	76.9 FC	41.6 FC	27.1 FC	23.7 FC	15.1 FC	13.9 FC	7.5 FC	7.2 FC
	min	81.1 FC	50.7 FC	24.9 FC	17.6 FC	21.6 FC	10.5 FC	11.6 FC	2.6 FC	2.7 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	151.9 FC	81.8 FC	44.6 FC	29.1 FC	25.4 FC	16.4 FC	15 FC	8 FC	7.9 FC
	min	84.5 FC	57.5 FC	26.7 FC	18 FC	21.7 FC	11 FC	10.4 FC	2.2 FC	3.1 FC
		1.8:1	1.4:1	1.7:1	1.6:1	1.2:1	1.5:1	1.4:1	3.7:1	2.5:1
8	avg	162.4 FC	87.5 FC	47.9 FC	31.3 FC	26.8 FC	17.8 FC	16.3 FC	8.5 FC	8.3 FC
	min	85 FC	70.5 FC	29.4 FC	19.1 FC	17.9 FC	10.1 FC	8.1 FC	1.4 FC	2.1 FC
		1.9:1	1.2:1	1.6:1	1.6:1	1.5:1	1.8:1	2:1	6:1	4:1

FIXTURE: T34FAHE-2X4 @ 30W

3,922 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	138 FC	74.7 FC	40.2 FC	26.1 FC	23.6 FC	14.5 FC	13.6 FC	7.1 FC	6.9 FC
	min	82.8 FC	50.7 FC	25.9 FC	17.3 FC	17.7 FC	9.7 FC	10.4 FC	4 FC	4.5 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	1.5:1
18	avg	147.5 FC	79.7 FC	42.8 FC	27.8 FC	24.9 FC	15.5 FC	14.4 FC	7.5 FC	7.3 FC
	min	91.6 FC	54.3 FC	27 FC	18.4 FC	19.3 FC	10.8 FC	11.2 FC	3.9 FC	4.4 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	161.8 FC	87.3 FC	47.2 FC	30.7 FC	27.4 FC	17.1 FC	15.8 FC	8.5 FC	8.2 FC
	min	96.6 FC	59.1 FC	29.2 FC	19.8 FC	22.5 FC	11.7 FC	13.6 FC	3.9 FC	4.7 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	178.5 FC	96.2 FC	52.1 FC	33.9 FC	29.7 FC	18.9 FC	17.4 FC	9.3 FC	9.1 FC
	min	101.6 FC	63.4 FC	31.2 FC	22 FC	27.1 FC	13.2 FC	14.5 FC	3.3 FC	3.4 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.4:1	1.2:1	2.8:1	2.7:1
10	avg	190.1 FC	102.5 FC	55.8 FC	36.4 FC	31.8 FC	20.5 FC	18.8 FC	10.1 FC	9.8 FC
	min	105.9 FC	71.9 FC	33.5 FC	22.5 FC	27.2 FC	13.8 FC	13 FC	2.8 FC	3.9 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	203.3 FC	109.6 FC	59.9 FC	39.2 FC	33.6 FC	22.2 FC	20.4 FC	10.6 FC	10.4 FC
	min	106.5 FC	88.3 FC	36.8 FC	24 FC	22.4 FC	12.7 FC	10.1 FC	1.8 FC	2.6 FC
		1.9:1	1.2:1	1.6:1	1.6:1	1.5:1	1.8:1	2:1	5.9:1	4:1