



# Panel Spacing Tables

## T34™ 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: T34-2X2-20N/D10

2,452 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	90.5 FC	48.5 FC	25.6 FC	16.5 FC	15 FC	9.2 FC	8.6 FC	4.4 FC	4.3 FC
	min	54.6 FC	32.7 FC	16.6 FC	10.7 FC	11.5 FC	6 FC	6.5 FC	2.4 FC	2.7 FC
		1.7:1	1.5:1	1.5:1	1.5:1	1.3:1	1.5:1	1.3:1	1.9:1	1.6:1
18	avg	97 FC	51.7 FC	27.3 FC	17.6 FC	15.8 FC	9.8 FC	9.1 FC	4.7 FC	4.6 FC
	min	59.8 FC	35.1 FC	17 FC	11.3 FC	12.2 FC	6.7 FC	7.1 FC	2.4 FC	2.7 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2:1	1.7:1
15	avg	106.2 FC	56.8 FC	30.1 FC	19.4 FC	17.4 FC	10.8 FC	10 FC	5.3 FC	5.2 FC
	min	63 FC	38.9 FC	18.4 FC	12.6 FC	14.2 FC	7.3 FC	8.6 FC	2.4 FC	2.9 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.2:1	1.5:1	1.2:1	2.2:1	1.8:1
12	avg	117.2 FC	62.5 FC	33.2 FC	21.4 FC	18.9 FC	11.9 FC	11 FC	5.8 FC	5.7 FC
	min	66.2 FC	42 FC	19.7 FC	13.9 FC	17.4 FC	8.1 FC	9 FC	2 FC	2 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.5:1	1.2:1	2.9:1	2.8:1
10	avg	125 FC	66.6 FC	35.6 FC	23 FC	20.2 FC	13 FC	11.9 FC	6.3 FC	6.2 FC
	min	68.4 FC	47.4 FC	21.3 FC	13.8 FC	17.1 FC	8.6 FC	8 FC	1.7 FC	2.3 FC
		1.8:1	1.4:1	1.7:1	1.7:1	1.2:1	1.5:1	1.5:1	3.7:1	2.7:1
8	avg	134.2 FC	71.3 FC	38.3 FC	24.9 FC	21.4 FC	14 FC	12.9 FC	6.6 FC	6.5 FC
	min	71.2 FC	59.6 FC	23.7 FC	15 FC	14 FC	7.8 FC	6.2 FC	1.1 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	6:1	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 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: T34-2X2-30N/D10

3,284 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	121.7 FC	65.2 FC	34.5 FC	22.2 FC	20.2 FC	12.4 FC	11.5 FC	6 FC	5.8 FC
	min	72.8 FC	44.2 FC	22.1 FC	14.5 FC	15.3 FC	8.1 FC	8.8 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	1.6:1
18	avg	130.2 FC	69.5 FC	36.6 FC	23.6 FC	21.3 FC	13.2 FC	12.2 FC	6.4 FC	6.2 FC
	min	80.9 FC	47.4 FC	23.1 FC	15.4 FC	16.6 FC	9.1 FC	9.6 FC	3.2 FC	3.7 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	142.6 FC	76.3 FC	40.4 FC	26.1 FC	23.4 FC	14.6 FC	13.4 FC	7.1 FC	6.9 FC
	min	85 FC	52.6 FC	25 FC	16.8 FC	19.4 FC	9.9 FC	11.6 FC	3.2 FC	3.9 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	157.3 FC	83.9 FC	44.6 FC	28.8 FC	25.5 FC	16.1 FC	14.8 FC	7.9 FC	7.6 FC
	min	89.5 FC	56.7 FC	26.8 FC	18.7 FC	23.2 FC	11 FC	12.1 FC	2.7 FC	2.7 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.5:1	1.2:1	2.9:1	2.8:1
10	avg	167.7 FC	89.5 FC	47.8 FC	30.9 FC	27.1 FC	17.4 FC	15.9 FC	8.5 FC	8.3 FC
	min	92.6 FC	64.3 FC	28.7 FC	18.8 FC	22.9 FC	11.6 FC	10.8 FC	2.3 FC	3.2 FC
		1.8:1	1.4:1	1.7:1	1.7:1	1.2:1	1.5:1	1.5:1	3.7:1	2.6:1
8	avg	180 FC	95.8 FC	51.4 FC	33.4 FC	28.7 FC	18.9 FC	17.3 FC	8.9 FC	8.8 FC
	min	94.1 FC	80.7 FC	31.8 FC	20.3 FC	18.7 FC	10.6 FC	8.3 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	2.1:1	6.4:1	4.2:1

# FIXTURE: T34-2X2-40N/D10

4,457 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	165.1 FC	88.5 FC	46.7 FC	30.1 FC	27.4 FC	16.8 FC	15.6 FC	8.1 FC	7.9 FC
	min	97.8 FC	60.5 FC	29.8 FC	19.4 FC	20.9 FC	10.8 FC	12.1 FC	4.4 FC	5 FC
		1.7:1	1.5:1	1.6:1	1.6:1	1.3:1	1.6:1	1.3:1	1.8:1	1.6:1
18	avg	177 FC	94.2 FC	49.7 FC	32.1 FC	28.9 FC	17.9 FC	16.6 FC	8.6 FC	8.4 FC
	min	108.3 FC	64.2 FC	30.8 FC	20.5 FC	22.1 FC	12.1 FC	13.1 FC	4.3 FC	5 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2:1	1.7:1
15	avg	193.6 FC	103.7 FC	54.8 FC	35.4 FC	31.7 FC	19.7 FC	18.2 FC	9.7 FC	9.4 FC
	min	114.2 FC	71.4 FC	33.2 FC	22.5 FC	25.9 FC	13.6 FC	15.9 FC	4.3 FC	5.2 FC
		1.7:1	1.5:1	1.7:1	1.6:1	1.2:1	1.5:1	1.2:1	2.3:1	1.8:1
12	avg	213.7 FC	113.9 FC	60.5 FC	39.1 FC	34.5 FC	21.8 FC	20 FC	10.6 FC	10.3 FC
	min	122.2 FC	77.4 FC	35.7 FC	25.3 FC	31.7 FC	14.7 FC	16.3 FC	3.5 FC	3.6 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.5:1	1.2:1	3:1	2.9:1
10	avg	227.7 FC	121.4 FC	64.8 FC	42 FC	36.7 FC	23.6 FC	21.6 FC	11.5 FC	11.2 FC
	min	124 FC	87.3 FC	38.4 FC	25 FC	31.1 FC	15.9 FC	14.6 FC	3.1 FC	4.2 FC
		1.8:1	1.4:1	1.7:1	1.7:1	1.2:1	1.5:1	1.5:1	3.7:1	2.7:1
8	avg	244.3 FC	129.9 FC	69.7 FC	45.3 FC	39 FC	25.6 FC	23.5 FC	12.1 FC	11.9 FC
	min	127.6 FC	108.3 FC	42.7 FC	27.9 FC	25.4 FC	14.2 FC	11.2 FC	1.9 FC	2.8 FC
		1.9:1	1.2:1	1.6:1	1.6:1	1.5:1	1.8:1	2.1:1	6.4:1	4.3:1

# FIXTURE: T34-2X4-30N/D10

3,730 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	130.9 FC	71 FC	38.1 FC	24.7 FC	22.3 FC	13.7 FC	12.9 FC	6.7 FC	6.5 FC
	min	78.5 FC	48.4 FC	24.6 FC	16.1 FC	17 FC	9 FC	9.8 FC	3.7 FC	4.2 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	140 FC	75.5 FC	40.6 FC	26.3 FC	23.6 FC	14.7 FC	13.6 FC	7.1 FC	6.9 FC
	min	86.4 FC	51.6 FC	25.4 FC	17 FC	18 FC	10 FC	10.7 FC	3.6 FC	4.2 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2:1	1.7:1
15	avg	153.8 FC	83.1 FC	44.7 FC	29.1 FC	25.9 FC	16.2 FC	15 FC	8 FC	7.8 FC
	min	91.2 FC	56.9 FC	27.4 FC	18.8 FC	21 FC	11.1 FC	12.8 FC	3.6 FC	4.4 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	169.3 FC	91.4 FC	49.4 FC	32.2 FC	28.2 FC	17.9 FC	16.5 FC	8.8 FC	8.6 FC
	min	96.1 FC	60.9 FC	29.4 FC	20.9 FC	25.8 FC	12.2 FC	13.8 FC	3 FC	3 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.5:1	1.2:1	3:1	2.9:1
10	avg	180.6 FC	97.5 FC	52.9 FC	34.5 FC	30.1 FC	19.5 FC	17.8 FC	9.5 FC	9.3 FC
	min	97.9 FC	68.7 FC	31.6 FC	20.8 FC	26 FC	13.2 FC	12.4 FC	2.5 FC	3.6 FC
		1.8:1	1.4:1	1.7:1	1.7:1	1.2:1	1.5:1	1.4:1	3.8:1	2.6:1
8	avg	193.1 FC	104 FC	56.8 FC	37.3 FC	31.9 FC	21.1 FC	19.3 FC	10 FC	9.9 FC
	min	100.4 FC	83.4 FC	35.1 FC	23.1 FC	21.4 FC	12.2 FC	9.7 FC	1.6 FC	2.3 FC
		1.9:1	1.3:1	1.6:1	1.6:1	1.5:1	1.7:1	2:1	6.3:1	4.3:1

# FIXTURE: T34-2X4-40N/D10

4,472 Lumens

Height (ft)	Spacing (ft)									
	4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20	
20	avg	156.4 FC	84.9 FC	45.5 FC	29.6 FC	26.7 FC	16.5 FC	15.4 FC	8 FC	7.8 FC
	min	94 FC	58.1 FC	29.4 FC	19.1 FC	20.3 FC	10.7 FC	11.8 FC	4.4 FC	4.9 FC
		1.7:1	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	167.3 FC	90.2 FC	48.5 FC	31.4 FC	28.3 FC	17.6 FC	16.3 FC	8.5 FC	8.2 FC
	min	102.5 FC	61.2 FC	30.1 FC	20.2 FC	21.5 FC	11.9 FC	12.9 FC	4.2 FC	5 FC
		1.6:1	1.5:1	1.6:1	1.6:1	1.3:1	1.5:1	1.3:1	2:1	1.7:1
15	avg	184 FC	99.3 FC	53.5 FC	34.8 FC	31 FC	19.5 FC	17.9 FC	9.6 FC	9.3 FC
	min	108.3 FC	67.9 FC	32.5 FC	22.5 FC	25.1 FC	13.4 FC	15.4 FC	4.3 FC	5.2 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	202.6 FC	109.2 FC	59 FC	38.5 FC	33.8 FC	21.5 FC	19.7 FC	10.5 FC	10.2 FC
	min	115.8 FC	73.6 FC	34.9 FC	24.9 FC	30.7 FC	14.4 FC	16.4 FC	3.5 FC	3.6 FC
		1.8:1	1.5:1	1.7:1	1.6:1	1.1:1	1.5:1	1.2:1	3:1	2.8:1
10	avg	216 FC	116.8 FC	63.3 FC	41.4 FC	36.1 FC	23.3 FC	21.4 FC	11.4 FC	11.1 FC
	min	116.3 FC	83.5 FC	37.8 FC	24.6 FC	30.9 FC	15.8 FC	14.7 FC	2.9 FC	4.2 FC
		1.9:1	1.4:1	1.7:1	1.7:1	1.2:1	1.5:1	1.5:1	3.9:1	2.7:1
8	avg	231.1 FC	124.6 FC	68.1 FC	44.6 FC	38.3 FC	25.3 FC	23.2 FC	12 FC	11.8 FC
	min	120.5 FC	101.7 FC	41.9 FC	27.7 FC	25.7 FC	14.2 FC	11.5 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	6.3:1	4.4:1

# FIXTURE: T34-2X4-50N/D10

5,393 Lumens

Height (ft)		Spacing (ft)								
		4x4	6x6	8x8	10x10	12x12	14x14	16x16	18x18	20x20
<b>20</b>	avg	189 FC	102.4 FC	55 FC	35.7 FC	32.2 FC	19.8 FC	18.5 FC	9.7 FC	9.4 FC
	min	114.2 FC	69.4 FC	35.7 FC	23.3 FC	24.5 FC	13 FC	14.1 FC	5.4 FC	6 FC
		1.7:1	1.5:1	1.5:1	1.5:1	1.3:1	1.5:1	1.3:1	1.8:1	1.6:1
<b>18</b>	avg	202.1 FC	109.1 FC	58.6 FC	38 FC	34.1 FC	21.2 FC	19.7 FC	10.3 FC	10 FC
	min	124.7 FC	74.1 FC	36.6 FC	24.6 FC	26 FC	14.4 FC	15.3 FC	5.2 FC	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
<b>15</b>	avg	222 FC	119.7 FC	64.6 FC	42 FC	37.4 FC	23.5 FC	21.6 FC	11.6 FC	11.2 FC
	min	131.7 FC	81.5 FC	39.6 FC	27.4 FC	30.4 FC	16 FC	18.5 FC	5.3 FC	6.4 FC
		1.7:1	1.5:1	1.6:1	1.5:1	1.2:1	1.5:1	1.2:1	2.2:1	1.8:1
<b>12</b>	avg	244.5 FC	131.9 FC	71.3 FC	46.5 FC	40.7 FC	25.9 FC	23.8 FC	12.8 FC	12.4 FC
	min	137.8 FC	87.5 FC	42.5 FC	30.1 FC	37.1 FC	17.6 FC	19.9 FC	4.3 FC	4.4 FC
		1.8:1	1.5:1	1.7:1	1.5:1	1.1:1	1.5:1	1.2:1	3:1	2.8:1
<b>10</b>	avg	260.8 FC	140.7 FC	76.4 FC	49.9 FC	43.5 FC	28.1 FC	25.7 FC	13.8 FC	13.5 FC
	min	141.6 FC	98.6 FC	45.8 FC	30.1 FC	37.4 FC	18.8 FC	17.9 FC	3.8 FC	5.2 FC
		1.8:1	1.4:1	1.7:1	1.7:1	1.2:1	1.5:1	1.4:1	3.6:1	2.6:1
<b>8</b>	avg	278.8 FC	150.2 FC	82.1 FC	53.8 FC	46 FC	30.5 FC	27.9 FC	14.5 FC	14.3 FC
	min	146.7 FC	120 FC	50.8 FC	33 FC	30.9 FC	17.6 FC	14 FC	2.4 FC	3.4 FC
		1.9:1	1.3:1	1.6:1	1.6:1	1.5:1	1.7:1	2:1	6:1	4.2:1