



# Garage Spacing Tables

## PARK34™ Family

Spacing Tables are to be used for quick reference ONLY. The tables provide average and minimum footcandle levels and max: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: PARK34-30W/120 4,127 Lumens

Height (ft)		Spacing (ft)						
		10x10	15x15	20x20	25x25	30x30	35x35	40x40
18	avg	21.9 FC	9.8 FC	6.5 FC	4.2 FC	3.7 FC	2.3 FC	2.2 FC
	min	10.6 FC	4.6 FC	3.6 FC	2.2 FC	3 FC	1.3 FC	1.6 FC
		3:1	3.1:1	2.4:1	2.6:1	1.5:1	2.5:1	1.7:1
15	avg	23.7 FC	10.7 FC	7.1 FC	4.6 FC	4 FC	2.5 FC	2.3 FC
	min	10.5 FC	4.4 FC	3.8 FC	2.4 FC	3.3 FC	1.4 FC	1.8 FC
		3.2:1	3.5:1	2.4:1	2.6:1	1.4:1	2.4:1	1.5:1
12	avg	25.5 FC	11.5 FC	7.6 FC	4.9 FC	4.2 FC	2.7 FC	2.5 FC
	min	9.8 FC	4.1 FC	3.7 FC	2.3 FC	3.5 FC	1.7 FC	2 FC
		3.7:1	4:1	2.7:1	2.9:1	1.4:1	2.1:1	1.8:1
10	avg	26.8 FC	12.1 FC	8 FC	5.2 FC	4.4 FC	2.9 FC	2.6 FC
	min	9.1 FC	3.9 FC	4 FC	2.5 FC	4 FC	1.8 FC	1.6 FC
		4.1:1	4.5:1	2.5:1	2.7:1	1.4:1	2.3:1	2.7:1
8	avg	28.1 FC	12.8 FC	8.4 FC	5.5 FC	4.6 FC	3.2 FC	2.8 FC
	min	7.9 FC	3.7 FC	4.2 FC	2.7 FC	2.9 FC	1.6 FC	0.9 FC
		4.8:1	5.2:1	2.4:1	2.6:1	2.8:1	3.8:1	7.3:1

-Fixture Calculations in 100' x100' open room (no ramps, columns or beams), 30/30/20 reflectances, readings taken at 0'-0" AFF, CCT 5000K

-Ratios show max:min uniformity

-This information is current as of 7/8/2022.

-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: PARK34-45W/120

5,629 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	28.7 FC	12.9 FC	8.6 FC	5.5 FC	4.9 FC	3.1 FC	2.9 FC
	min	14.6 FC	6.4 FC	4.9 FC	3.1 FC	4 FC	1.8 FC	2.2 FC
		2.7:1	2.8:1	2.3:1	2.3:1	1.4:1	2.4:1	1.7:1
15	avg	31.3 FC	14.1 FC	9.3 FC	6.1 FC	5.3 FC	3.4 FC	3.1 FC
	min	14.7 FC	6.1 FC	5.3 FC	3.5 FC	4.4 FC	1.8 FC	2.4 FC
		3:1	3.3:1	2.3:1	2.3:1	1.5:1	2.7:1	1.7:1
12	avg	33.9 FC	15.3 FC	10.1 FC	6.5 FC	5.7 FC	3.6 FC	3.3 FC
	min	13.7 FC	5.9 FC	5.2 FC	3 FC	4.6 FC	2 FC	2.4 FC
		3.5:1	3.7:1	2.6:1	3.1:1	1.5:1	2.6:1	2.2:1
10	avg	35.8 FC	16.1 FC	10.7 FC	6.9 FC	5.9 FC	3.9 FC	3.5 FC
	min	12.8 FC	5.4 FC	5.5 FC	3.1 FC	5 FC	2.2 FC	2.8 FC
		3.9:1	4.3:1	2.5:1	3.2:1	1.6:1	2.7:1	2.1:1
8	avg	37.6 FC	17.1 FC	11.2 FC	7.4 FC	6.2 FC	4.2 FC	3.7 FC
	min	11.3 FC	5 FC	5.2 FC	3.4 FC	5 FC	2.5 FC	1.7 FC
		4.5:1	5.2:1	2.9:1	3:1	2.2:1	3.3:1	5.4:1

# FIXTURE: PARK34-60W/120

7,493 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	38.5 FC	17.3 FC	11.5 FC	7.4 FC	6.5 FC	4.1 FC	3.8 FC
	min	19.3 FC	8.5 FC	6.6 FC	4.1 FC	5.4 FC	2.4 FC	3 FC
		2.8:1	2.8:1	2.3:1	2.3:1	1.4:1	2.5:1	1.7:1
15	avg	41.8 FC	18.8 FC	12.5 FC	8.2 FC	7.1 FC	4.5 FC	4.1 FC
	min	19.3 FC	8 FC	7 FC	4.6 FC	5.9 FC	2.5 FC	3.2 FC
		3.1:1	3.3:1	2.3:1	2.4:1	1.4:1	2.6:1	1.7:1
12	avg	45.3 FC	20.4 FC	13.5 FC	8.7 FC	7.6 FC	4.9 FC	4.4 FC
	min	18 FC	7.7 FC	6.9 FC	4 FC	6.1 FC	2.7 FC	3.3 FC
		3.5:1	3.8:1	2.6:1	3.1:1	1.6:1	2.6:1	2.2:1
10	avg	47.7 FC	21.6 FC	14.2 FC	9.2 FC	7.9 FC	5.2 FC	4.6 FC
	min	16.8 FC	7.2 FC	7.3 FC	4.2 FC	6.7 FC	2.9 FC	3.2 FC
		3.9:1	4.3:1	2.5:1	3.2:1	1.6:1	2.8:1	2.6:1
8	avg	50.1 FC	22.9 FC	15 FC	9.9 FC	8.3 FC	5.6 FC	5 FC
	min	14.9 FC	6.6 FC	7.2 FC	4.6 FC	5.8 FC	3.1 FC	2.1 FC
		4.5:1	5.3:1	2.8:1	3:1	2.7:1	3.8:1	6.1:1

# FIXTURE: PARK34-30W/277

3,817 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	19.1 FC	8.6 FC	5.7 FC	3.7 FC	3.3 FC	2.1 FC	1.9 FC
	min	9.7 FC	4.3 FC	3.3 FC	2.1 FC	2.6 FC	1.2 FC	1.5 FC
		2.7:1	2.8:1	2.2:1	2.2:1	1.4:1	2.3:1	1.5:1
15	avg	20.8 FC	9.4 FC	6.2 FC	4.1 FC	3.5 FC	2.2 FC	2 FC
	min	9.9 FC	4.1 FC	3.5 FC	2.3 FC	2.9 FC	1.3 FC	1.7 FC
		3:1	3.2:1	2.3:1	2.2:1	1.4:1	2.2:1	1.4:1
12	avg	22.6 FC	10.2 FC	6.7 FC	4.3 FC	3.8 FC	2.4 FC	2.2 FC
	min	9.3 FC	4 FC	3.5 FC	2.1 FC	3.2 FC	1.5 FC	1.8 FC
		3.4:1	3.6:1	2.5:1	2.7:1	1.3:1	2.1:1	1.7:1
10	avg	23.8 FC	10.7 FC	7.1 FC	4.6 FC	4 FC	2.6 FC	2.3 FC
	min	8.8 FC	3.8 FC	3.8 FC	2.2 FC	3.6 FC	1.5 FC	1.6 FC
		3.7:1	4:1	2.3:1	2.7:1	1.4:1	2.5:1	2.4:1
8	avg	25.1 FC	11.3 FC	7.5 FC	4.9 FC	4.2 FC	2.8 FC	2.5 FC
	min	7.8 FC	3.5 FC	3.8 FC	2.3 FC	2.9 FC	1.5 FC	1.1 FC
		4.3:1	4.6:1	2.5:1	2.8:1	2.5:1	3.5:1	4.8:1

# FIXTURE: PARK34-45W/277

6,069 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	31 FC	14 FC	9.3 FC	6 FC	5.3 FC	3.3 FC	3.1 FC
	min	15.3 FC	6.7 FC	5.2 FC	3.2 FC	4.1 FC	1.9 FC	2.4 FC
		2.9:1	2.9:1	2.3:1	2.4:1	1.5:1	2.3:1	1.5:1
15	avg	33.7 FC	15.2 FC	10 FC	6.6 FC	5.7 FC	3.6 FC	3.3 FC
	min	15.4 FC	6.4 FC	5.5 FC	3.6 FC	4.6 FC	2.1 FC	2.7 FC
		3.1:1	3.4:1	2.4:1	2.4:1	1.4:1	2.2:1	1.4:1
12	avg	36.4 FC	16.4 FC	10.8 FC	7 FC	6 FC	3.9 FC	3.5 FC
	min	14.4 FC	6.2 FC	5.5 FC	3.4 FC	5.2 FC	2.4 FC	2.9 FC
		3.5:1	3.7:1	2.5:1	2.7:1	1.3:1	2.1:1	1.7:1
10	avg	38.3 FC	17.3 FC	11.4 FC	7.4 FC	6.3 FC	4.2 FC	3.7 FC
	min	13.5 FC	5.9 FC	6 FC	3.7 FC	5.8 FC	2.5 FC	2.3 FC
		3.9:1	4.2:1	2.4:1	2.6:1	1.4:1	2.3:1	2.6:1
8	avg	40.2 FC	18.3 FC	12 FC	7.9 FC	6.6 FC	4.5 FC	4 FC
	min	12.1 FC	5.5 FC	6.2 FC	3.9 FC	4.2 FC	2.2 FC	1.5 FC
		4.5:1	4.7:1	2.3:1	2.6:1	2.7:1	3.8:1	5.9:1

# FIXTURE: PARK34-60W/277

7,347 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
<b>18</b>	avg	38.4 FC	17.3 FC	11.4 FC	7.4 FC	6.5 FC	4.1 FC	3.8 FC
	min	18.7 FC	8.2 FC	6.4 FC	4 FC	5.2 FC	2.2 FC	2.9 FC
		2.9:1	3:1	2.3:1	2.4:1	1.5:1	2.6:1	1.7:1
<b>15</b>	avg	41.5 FC	18.7 FC	12.4 FC	8.1 FC	7 FC	4.4 FC	4 FC
	min	18.6 FC	7.8 FC	6.8 FC	4.4 FC	5.7 FC	2.5 FC	3.2 FC
		3.2:1	3.4:1	2.4:1	2.5:1	1.4:1	2.4:1	1.6:1
<b>12</b>	avg	44.8 FC	20.2 FC	13.3 FC	8.6 FC	7.4 FC	4.8 FC	4.3 FC
	min	17.4 FC	7.4 FC	6.6 FC	4 FC	6 FC	2.9 FC	3.4 FC
		3.6:1	3.9:1	2.7:1	2.9:1	1.5:1	2.2:1	1.9:1
<b>10</b>	avg	47.1 FC	21.3 FC	14 FC	9.1 FC	7.8 FC	5.1 FC	4.6 FC
	min	16.2 FC	6.9 FC	7.1 FC	4.3 FC	6.6 FC	3.1 FC	2.9 FC
		4:1	4.5:1	2.5:1	2.9:1	1.5:1	2.4:1	2.7:1
<b>8</b>	avg	49.4 FC	22.5 FC	14.7 FC	9.7 FC	8.2 FC	5.6 FC	4.9 FC
	min	14.2 FC	6.6 FC	7.3 FC	4.8 FC	5.2 FC	2.8 FC	1.8 FC
		4.7:1	5.1:1	2.5:1	2.6:1	2.8:1	3.9:1	6.4:1