



Garage Spacing Tables

IVEPARK™ 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: IVGT5-30L750WU 3,986 Lumens

Height (ft)		Spacing (ft)						
		10x10	15x15	20x20	25x25	30x30	35x35	40x40
18	avg	21.6 FC	9.7 FC	6.4 FC	4.1 FC	3.6 FC	2.3 FC	2.1 FC
	min	10 FC	4.5 FC	3.4 FC	2.2 FC	2.6 FC	1.4 FC	1.6 FC
		3.1:1	3:1	2.4:1	2.5:1	1.6:1	2:1	1.4:1
15	avg	23.3 FC	10.5 FC	6.9 FC	4.5 FC	3.9 FC	2.5 FC	2.3 FC
	min	9.9 FC	4.1 FC	3.6 FC	2.5 FC	3 FC	1.5 FC	1.9 FC
		3.3:1	3.6:1	2.4:1	2.3:1	1.4:1	2:1	1.3:1
12	avg	25.1 FC	11.3 FC	7.4 FC	4.8 FC	4.1 FC	2.7 FC	2.4 FC
	min	9.6 FC	4.2 FC	3.8 FC	2.4 FC	3.7 FC	1.6 FC	1.7 FC
		3.6:1	3.7:1	2.4:1	2.5:1	1.2:1	2:1	1.8:1
10	avg	26.3 FC	11.9 FC	7.8 FC	5.1 FC	4.3 FC	2.9 FC	2.5 FC
	min	8.3 FC	3.7 FC	4.2 FC	2.5 FC	3.6 FC	1.4 FC	1.4 FC
		4.3:1	4.4:1	2.3:1	2.4:1	1.4:1	2.8:1	2.8:1
8	avg	27.7 FC	12.5 FC	8.3 FC	5.5 FC	4.5 FC	3.1 FC	2.8 FC
	min	7.9 FC	3.3 FC	4.2 FC	2.4 FC	2.5 FC	1.3 FC	0.9 FC
		4.7:1	5.2:1	2.3:1	2.8:1	3.2:1	4.2:1	6.2:1

-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: IVGT5-50L750WU

6,045 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	33.6 FC	15.1 FC	10 FC	6.4 FC	5.6 FC	3.6 FC	3.3 FC
	min	15.1 FC	6.8 FC	5.2 FC	3.3 FC	4.1 FC	2.1 FC	2.6 FC
		3.2:1	3.1:1	2.5:1	2.5:1	1.5:1	2.1:1	1.4:1
15	avg	36.2 FC	16.3 FC	10.7 FC	7 FC	6 FC	3.9 FC	3.5 FC
	min	15 FC	6.2 FC	5.5 FC	3.8 FC	4.9 FC	2.3 FC	3.1 FC
		3.4:1	3.7:1	2.5:1	2.3:1	1.3:1	2:1	1.3:1
12	avg	38.9 FC	17.6 FC	11.5 FC	7.5 FC	6.4 FC	4.2 FC	3.8 FC
	min	14.5 FC	6.1 FC	5.8 FC	3.5 FC	5.9 FC	2.4 FC	2.6 FC
		3.7:1	4:1	2.5:1	2.6:1	1.2:1	2.3:1	2:1
10	avg	40.8 FC	18.4 FC	12.2 FC	7.9 FC	6.7 FC	4.5 FC	3.9 FC
	min	12.6 FC	5.6 FC	6.3 FC	3.6 FC	5.3 FC	2.2 FC	2.1 FC
		4.4:1	4.5:1	2.3:1	2.7:1	1.6:1	3:1	3.2:1
8	avg	42.8 FC	19.3 FC	12.8 FC	8.5 FC	7 FC	4.9 FC	4.3 FC
	min	11.5 FC	5 FC	6.4 FC	3.4 FC	3.7 FC	2 FC	1.4 FC
		5:1	5.2:1	2.4:1	3.2:1	3.6:1	4.7:1	6.8:1

FIXTURE: IVGT5-70L750WU

7,432 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	44.7 FC	20.1 FC	13.3 FC	8.6 FC	7.5 FC	4.8 FC	4.3 FC
	min	20.1 FC	9.5 FC	7.3 FC	4.7 FC	5.3 FC	2.9 FC	3.4 FC
		3.1:1	3:1	2.3:1	2.4:1	1.6:1	2:1	1.4:1
15	avg	48.2 FC	21.7 FC	14.3 FC	9.4 FC	8 FC	5.2 FC	4.7 FC
	min	19.8 FC	8.9 FC	7.5 FC	5.4 FC	6.3 FC	3.3 FC	4.1 FC
		3.4:1	3.4:1	2.4:1	2.2:1	1.4:1	1.9:1	1.2:1
12	avg	51.9 FC	23.4 FC	15.4 FC	10 FC	8.5 FC	5.6 FC	5 FC
	min	18.9 FC	8.8 FC	7.4 FC	5.1 FC	7.7 FC	3.5 FC	3.6 FC
		3.8:1	3.7:1	2.6:1	2.5:1	1.2:1	2:1	1.8:1
10	avg	54.5 FC	24.6 FC	16.2 FC	10.5 FC	8.9 FC	6 FC	5.3 FC
	min	17.3 FC	8 FC	8.5 FC	5.2 FC	7.3 FC	3.1 FC	2.8 FC
		4.3:1	4.3:1	2.3:1	2.5:1	1.5:1	2.7:1	2.9:1
8	avg	57.2 FC	25.8 FC	17.1 FC	11.4 FC	9.4 FC	6.5 FC	5.7 FC
	min	16.4 FC	7 FC	8.3 FC	5 FC	5.1 FC	2.7 FC	1.9 FC
		4.7:1	5.1:1	2.5:1	2.9:1	3.4:1	4.4:1	6.1:1

FIXTURE: IVGT5C-30L750WU 4,072 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	22.9 FC	10.3 FC	6.8 FC	4.4 FC	3.8 FC	2.5 FC	2.2 FC
	min	9.4 FC	4.4 FC	3.6 FC	2.2 FC	3.2 FC	1.4 FC	1.8 FC
		3.4:1	3.3:1	2.4:1	2.6:1	1.4:1	2.4:1	1.6:1
15	avg	24.5 FC	11 FC	7.3 FC	4.8 FC	4.1 FC	2.6 FC	2.4 FC
	min	9.1 FC	4 FC	3.8 FC	2.6 FC	3.5 FC	1.5 FC	1.9 FC
		3.7:1	3.9:1	2.4:1	2.4:1	1.4:1	2.6:1	1.8:1
12	avg	26.1 FC	11.8 FC	7.8 FC	5.1 FC	4.3 FC	2.9 FC	2.6 FC
	min	8.6 FC	3.9 FC	3.6 FC	2.2 FC	3.5 FC	1.5 FC	1.5 FC
		4.2:1	4.2:1	2.8:1	3.2:1	1.7:1	3.3:1	3.4:1
10	avg	27.2 FC	12.3 FC	8.2 FC	5.3 FC	4.5 FC	3 FC	2.7 FC
	min	7.7 FC	3.5 FC	4.2 FC	2.2 FC	3.1 FC	1.3 FC	1.2 FC
		4.8:1	5:1	2.5:1	3.8:1	2.5:1	4.9:1	5.4:1
8	avg	28.4 FC	12.8 FC	8.6 FC	5.7 FC	4.7 FC	3.2 FC	2.9 FC
	min	7 FC	2.9 FC	3.6 FC	2.1 FC	2.2 FC	1.2 FC	0.8 FC
		5.4:1	6.7:1	3.5:1	4.7:1	5.6:1	8.2:1	12.8:1

FIXTURE: IVGT5C-50L750WU 5,697 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	35.2 FC	15.8 FC	10.5 FC	6.8 FC	5.9 FC	3.8 FC	3.4 FC
	min	14.2 FC	6.3 FC	5.3 FC	3.3 FC	4.9 FC	2.1 FC	2.7 FC
		3.5:1	3.5:1	2.5:1	2.7:1	1.4:1	2.5:1	1.7:1
15	avg	37.5 FC	16.9 FC	11.2 FC	7.3 FC	6.2 FC	4.1 FC	3.7 FC
	min	14 FC	5.6 FC	5.6 FC	3.8 FC	5.3 FC	2.2 FC	2.8 FC
		3.7:1	4.2:1	2.5:1	2.5:1	1.4:1	2.8:1	2:1
12	avg	40 FC	18 FC	11.9 FC	7.7 FC	6.6 FC	4.4 FC	3.9 FC
	min	13.3 FC	5.7 FC	5.6 FC	3.3 FC	5.2 FC	2.1 FC	2.2 FC
		4.1:1	4.5:1	2.8:1	3.4:1	1.8:1	3.7:1	3.7:1
10	avg	41.6 FC	18.8 FC	12.5 FC	8.1 FC	6.8 FC	4.6 FC	4.1 FC
	min	11.1 FC	4.8 FC	6.1 FC	3.2 FC	4.6 FC	1.8 FC	1.8 FC
		5.1:1	5.7:1	2.7:1	4.2:1	2.7:1	5.5:1	5.7:1
8	avg	43.4 FC	19.6 FC	13.1 FC	8.7 FC	7.2 FC	5 FC	4.4 FC
	min	10.5 FC	4.2 FC	5.6 FC	3.1 FC	3.2 FC	1.6 FC	1.2 FC
		5.5:1	7.2:1	3.5:1	5:1	5.9:1	9.6:1	13.7:1

FIXTURE: IVGT5C-70L750WU 7,501 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	46.2 FC	20.8 FC	13.7 FC	8.9 FC	7.7 FC	5 FC	4.5 FC
	min	19.1 FC	8.5 FC	7 FC	4.3 FC	6.5 FC	2.7 FC	3.6 FC
		3.4:1	3.4:1	2.5:1	2.7:1	1.4:1	2.5:1	1.6:1
15	avg	49.3 FC	22.2 FC	14.7 FC	9.7 FC	8.2 FC	5.3 FC	4.8 FC
	min	18.8 FC	7.6 FC	7.5 FC	5.1 FC	7 FC	2.9 FC	3.7 FC
		3.6:1	4.1:1	2.5:1	2.5:1	1.4:1	2.7:1	2:1
12	avg	52.6 FC	23.7 FC	15.7 FC	10.2 FC	8.7 FC	5.7 FC	5.2 FC
	min	18 FC	7.6 FC	7.5 FC	4.3 FC	6.9 FC	2.8 FC	3 FC
		4:1	4.4:1	2.7:1	3.3:1	1.8:1	3.6:1	3.4:1
10	avg	54.9 FC	24.8 FC	16.5 FC	10.7 FC	9 FC	6 FC	5.4 FC
	min	15.1 FC	6.6 FC	8.2 FC	4.3 FC	6.1 FC	2.5 FC	2.4 FC
		4.9:1	5.4:1	2.6:1	4:1	2.6:1	5.2:1	5.5:1
8	avg	57.2 FC	25.8 FC	17.3 FC	11.5 FC	9.5 FC	6.5 FC	5.8 FC
	min	14.1 FC	5.7 FC	7.5 FC	4.1 FC	4.3 FC	2.3 FC	1.6 FC
		5.4:1	6.9:1	3.3:1	5:1	5.7:1	8.7:1	13.1:1

FIXTURE: IVGT5U-30L750WU 4,209 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	21.2 FC	9.5 FC	6.3 FC	4 FC	3.6 FC	2.3 FC	2.1 FC
	min	9.7 FC	4.3 FC	3.3 FC	2.1 FC	2.6 FC	1.3 FC	1.6 FC
		3.1:1	3.1:1	2.5:1	2.5:1	1.5:1	2.2:1	1.4:1
15	avg	22.8 FC	10.3 FC	6.8 FC	4.4 FC	3.8 FC	2.4 FC	2.2 FC
	min	9.6 FC	4 FC	3.6 FC	2.4 FC	3 FC	1.4 FC	1.8 FC
		3.3:1	3.6:1	2.4:1	2.3:1	1.4:1	2.1:1	1.4:1
12	avg	24.5 FC	11.1 FC	7.3 FC	4.7 FC	4 FC	2.7 FC	2.4 FC
	min	9.2 FC	4 FC	3.8 FC	2.3 FC	3.4 FC	1.5 FC	1.6 FC
		3.7:1	3.8:1	2.4:1	2.6:1	1.3:1	2.3:1	2:1
10	avg	25.7 FC	11.6 FC	7.7 FC	5 FC	4.2 FC	2.8 FC	2.5 FC
	min	8 FC	3.6 FC	4 FC	2.3 FC	3.4 FC	1.4 FC	1.3 FC
		4.4:1	4.4:1	2.4:1	2.7:1	1.5:1	3:1	3.2:1
8	avg	27 FC	12.2 FC	8.1 FC	5.4 FC	4.4 FC	3.1 FC	2.7 FC
	min	7.7 FC	3.1 FC	4.1 FC	2.3 FC	2.4 FC	1.3 FC	0.9 FC
		4.7:1	5.4:1	2.4:1	3.1:1	3.3:1	4.5:1	6.7:1

FIXTURE: IVGT5U-50L750WU 6,370 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	31.6 FC	14.2 FC	9.4 FC	6 FC	5.3 FC	3.4 FC	3.1 FC
	min	14.8 FC	6.5 FC	5 FC	3.2 FC	3.9 FC	2 FC	2.3 FC
		3:1	3.1:1	2.4:1	2.4:1	1.5:1	2.1:1	1.5:1
15	avg	34 FC	15.3 FC	10.1 FC	6.6 FC	5.7 FC	3.6 FC	3.3 FC
	min	14.7 FC	6.1 FC	5.3 FC	3.6 FC	4.4 FC	2.2 FC	2.8 FC
		3.3:1	3.5:1	2.4:1	2.3:1	1.4:1	2:1	1.3:1
12	avg	36.6 FC	16.5 FC	10.9 FC	7 FC	6 FC	4 FC	3.5 FC
	min	13.9 FC	6 FC	5.8 FC	3.4 FC	5.4 FC	2.3 FC	2.5 FC
		3.7:1	3.8:1	2.3:1	2.6:1	1.2:1	2.2:1	1.9:1
10	avg	38.4 FC	17.3 FC	11.5 FC	7.4 FC	6.3 FC	4.2 FC	3.7 FC
	min	12.4 FC	5.5 FC	6.1 FC	3.5 FC	5 FC	2.1 FC	2 FC
		4.2:1	4.4:1	2.3:1	2.6:1	1.6:1	3:1	3.2:1
8	avg	40.3 FC	18.2 FC	12.1 FC	8 FC	6.6 FC	4.6 FC	4 FC
	min	11.5 FC	4.8 FC	6 FC	3.4 FC	3.7 FC	2 FC	1.4 FC
		4.7:1	5.2:1	2.4:1	3.2:1	3.2:1	4.4:1	6.3:1

FIXTURE: IVGT5U-70L750WU 7,444 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	43 FC	19.4 FC	12.8 FC	8.2 FC	7.2 FC	4.6 FC	4.2 FC
	min	19.7 FC	8.9 FC	6.7 FC	4.2 FC	5.2 FC	2.7 FC	3.2 FC
		3.1:1	3.1:1	2.5:1	2.5:1	1.6:1	2.1:1	1.4:1
15	avg	46.3 FC	20.9 FC	13.8 FC	9 FC	7.7 FC	5 FC	4.5 FC
	min	19.4 FC	8.2 FC	7.1 FC	4.9 FC	6.1 FC	3 FC	3.8 FC
		3.4:1	3.6:1	2.5:1	2.3:1	1.4:1	2:1	1.3:1
12	avg	49.9 FC	22.5 FC	14.8 FC	9.6 FC	8.2 FC	5.4 FC	4.8 FC
	min	18.4 FC	8.3 FC	7.4 FC	4.7 FC	7.4 FC	3.2 FC	3.4 FC
		3.8:1	3.8:1	2.5:1	2.5:1	1.2:1	2.1:1	1.9:1
10	avg	52.4 FC	23.6 FC	15.6 FC	10.1 FC	8.6 FC	5.7 FC	5.1 FC
	min	16.7 FC	7.6 FC	8.3 FC	4.8 FC	7.1 FC	3 FC	2.8 FC
		4.3:1	4.3:1	2.3:1	2.5:1	1.5:1	2.7:1	2.9:1
8	avg	55.1 FC	24.9 FC	16.5 FC	10.9 FC	9 FC	6.2 FC	5.5 FC
	min	16 FC	6.7 FC	8.1 FC	4.7 FC	5 FC	2.7 FC	1.9 FC
		4.6:1	5.1:1	2.4:1	3:1	3.3:1	4.3:1	6.1:1

FIXTURE: IVGT5CU-30L750WU 4,157 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	22.1 FC	10 FC	6.6 FC	4.3 FC	3.7 FC	2.4 FC	2.2 FC
	min	9.1 FC	4.1 FC	3.3 FC	2.1 FC	3.1 FC	1.3 FC	1.7 FC
		3.4:1	3.4:1	2.6:1	2.6:1	1.4:1	2.5:1	1.7:1
15	avg	23.6 FC	10.6 FC	7 FC	4.6 FC	3.9 FC	2.6 FC	2.3 FC
	min	9 FC	3.6 FC	3.6 FC	2.4 FC	3.4 FC	1.4 FC	1.8 FC
		3.6:1	4.1:1	2.5:1	2.5:1	1.4:1	2.7:1	1.9:1
12	avg	25.2 FC	11.4 FC	7.5 FC	4.9 FC	4.2 FC	2.8 FC	2.5 FC
	min	8.6 FC	3.6 FC	3.5 FC	2.1 FC	3.3 FC	1.4 FC	1.4 FC
		4:1	4.4:1	2.8:1	3.3:1	1.8:1	3.4:1	3.6:1
10	avg	26.3 FC	11.9 FC	7.9 FC	5.1 FC	4.3 FC	2.9 FC	2.6 FC
	min	7.2 FC	3.2 FC	3.9 FC	2.1 FC	3 FC	1.2 FC	1.2 FC
		4.9:1	5.3:1	2.6:1	4:1	2.6:1	5.2:1	5.3:1
8	avg	27.4 FC	12.4 FC	8.3 FC	5.5 FC	4.6 FC	3.1 FC	2.8 FC
	min	6.8 FC	2.7 FC	3.6 FC	2 FC	2.1 FC	1.1 FC	0.8 FC
		5.4:1	7:1	3.4:1	4.8:1	5.6:1	8.6:1	12.5:1

FIXTURE: IVGT5CU-50L750WU 5,952 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	33.1 FC	14.9 FC	9.8 FC	6.4 FC	5.5 FC	3.6 FC	3.2 FC
	min	13.7 FC	6.3 FC	5.2 FC	3.3 FC	4.7 FC	2 FC	2.6 FC
		3.4:1	3.3:1	2.4:1	2.5:1	1.4:1	2.5:1	1.7:1
15	avg	35.3 FC	15.9 FC	10.5 FC	6.9 FC	5.9 FC	3.8 FC	3.5 FC
	min	13.4 FC	5.8 FC	5.6 FC	3.7 FC	5 FC	2.1 FC	2.6 FC
		3.7:1	3.8:1	2.4:1	2.5:1	1.4:1	2.8:1	2:1
12	avg	37.7 FC	17 FC	11.2 FC	7.3 FC	6.2 FC	4.1 FC	3.7 FC
	min	12.3 FC	5.5 FC	5.3 FC	3.2 FC	5 FC	2.1 FC	2.1 FC
		4.2:1	4.4:1	2.8:1	3.2:1	1.8:1	3.5:1	3.6:1
10	avg	39.3 FC	17.7 FC	11.8 FC	7.6 FC	6.5 FC	4.3 FC	3.9 FC
	min	11.4 FC	5 FC	5.9 FC	3.2 FC	4.3 FC	1.9 FC	1.7 FC
		4.7:1	5.1:1	2.6:1	3.9:1	2.7:1	5:1	5.5:1
8	avg	41 FC	18.5 FC	12.4 FC	8.2 FC	6.8 FC	4.7 FC	4.2 FC
	min	9.8 FC	4.3 FC	5.2 FC	3.1 FC	3.1 FC	1.7 FC	1.2 FC
		5.6:1	6.6:1	3.5:1	4.7:1	5.7:1	8.5:1	12.8:1

FIXTURE: IVGT5CU-70L750WU 7,715 Lumens

Height (ft)	Spacing (ft)							
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	
18	avg	46.2 FC	20.8 FC	13.7 FC	8.9 FC	7.7 FC	5 FC	4.5 FC
	min	19 FC	8.5 FC	7 FC	4.3 FC	6.5 FC	2.7 FC	3.6 FC
		3.4:1	3.4:1	2.5:1	2.7:1	1.4:1	2.6:1	1.7:1
15	avg	49.3 FC	22.2 FC	14.7 FC	9.6 FC	8.2 FC	5.3 FC	4.8 FC
	min	18.7 FC	7.6 FC	7.5 FC	5 FC	7 FC	2.8 FC	3.7 FC
		3.7:1	4.1:1	2.5:1	2.5:1	1.4:1	2.9:1	2:1
12	avg	52.6 FC	23.7 FC	15.7 FC	10.2 FC	8.7 FC	5.7 FC	5.2 FC
	min	17.9 FC	7.6 FC	7.5 FC	4.3 FC	6.9 FC	2.8 FC	3 FC
		4:1	4.4:1	2.7:1	3.3:1	1.8:1	3.6:1	3.5:1
10	avg	54.8 FC	24.7 FC	16.4 FC	10.7 FC	9 FC	6 FC	5.4 FC
	min	15.1 FC	6.6 FC	8.2 FC	4.3 FC	6.1 FC	2.5 FC	2.4 FC
		4.9:1	5.4:1	2.6:1	4:1	2.6:1	5.2:1	5.5:1
8	avg	57.2 FC	25.8 FC	17.2 FC	11.4 FC	9.5 FC	6.5 FC	5.8 FC
	min	14.1 FC	5.7 FC	7.4 FC	4.1 FC	4.4 FC	2.3 FC	1.7 FC
		5.4:1	6.9:1	3.4:1	5:1	5.7:1	8.8:1	12.5:1