



# High Bay Spacing Tables

## H17™ Family

Spacing Tables are to be used for quick reference ONLY. The tables provide average 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: H17 @ 100W

16,629 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	102.4 FC	46.4 FC	30.8 FC	19.8 FC	17.7 FC	11 FC	10.2 FC	9.2 FC	5.2 FC
	3.2:1	3.2:1	2.6:1	2.7:1	1.8:1	2.3:1	1.7:1	1.5:1	2.9:1
45	107.6 FC	48.7 FC	32.4 FC	21.2 FC	18.6 FC	11.6 FC	10.8 FC	9.6 FC	5.5 FC
	3.3:1	3.5:1	2.6:1	2.5:1	1.7:1	2.2:1	1.6:1	1.4:1	3.3:1
40	112.7 FC	51.2 FC	34 FC	21.9 FC	19.4 FC	12.2 FC	11.2 FC	10 FC	5.9 FC
	3.4:1	3.5:1	2.6:1	2.6:1	1.7:1	2.2:1	1.6:1	1.2:1	3.7:1
35	117.9 FC	53.7 FC	35.7 FC	23 FC	20.4 FC	12.8 FC	11.9 FC	10.4 FC	6.2 FC
	3.9:1	3.8:1	2.6:1	2.6:1	1.4:1	2.1:1	1.3:1	1.5:1	5.9:1
30	123.6 FC	56.3 FC	37.5 FC	24.5 FC	21.2 FC	13.7 FC	12.3 FC	10.8 FC	6.7 FC
	3.8:1	3.9:1	2.5:1	2.4:1	1.2:1	2:1	1.8:1	2.3:1	8.8:1
25	129.4 FC	59.1 FC	39.4 FC	25.5 FC	22.2 FC	14.3 FC	13.1 FC	11.4 FC	6.8 FC
	4.3:1	4.3:1	2.4:1	2.7:1	1.4:1	3.4:1	3.2:1	4.1:1	15.7:1
20	135.3 FC	62 FC	41.6 FC	28 FC	23.5 FC	15.2 FC	14.2 FC	12.3 FC	7.1 FC
	4.7:1	5.3:1	2.3:1	2.5:1	2.7:1	6.7:1	6.9:1	8.5:1	41.1:1
15	141.2 FC	64.6 FC	45.1 FC	28.3 FC	25.1 FC	16.1 FC	15.4 FC	13.4 FC	7.3 FC
	6.9:1	8.7:1	2.9:1	11.3:1	7.4:1	18:1	18.9:1	21.9:1	142:1
10	151.6 FC	66.5 FC	46.1 FC	29.7 FC	27.9 FC	17.6 FC	17.1 FC	15.2 FC	7.5 FC
	10.9:1	30.4:1	21:1	45.3:1	25.6:1	78.2:1	73.4:1	80.6:1	743:1

-Fixture Calculations in 100' x100' open room, 80/50/20 reflectances, readings taken at 2'-6" AFF, CCT 5000K

-Ratios show max:min uniformity

-This information is current as of 8/2/2023.

-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: H17 @ 100W + H17-RAL

16,201 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	109.4 FC 3.4:1	49.3 FC 3.5:1	32.7 FC 2.7:1	21 FC 2.7:1	18.5 FC 1.8:1	11.6 FC 2.4:1	10.7 FC 1.8:1	9.5 FC 1.5:1	5.6 FC 2.7:1
45	113.9 FC 3.6:1	51.4 FC 3.8:1	34.1 FC 2.7:1	22.3 FC 2.5:1	19.2 FC 1.8:1	12.2 FC 2.3:1	11.2 FC 1.6:1	9.8 FC 1.3:1	5.9 FC 3.2:1
40	118.4 FC 3.9:1	53.5 FC 3.9:1	35.5 FC 2.8:1	22.8 FC 2.8:1	20 FC 1.7:1	12.8 FC 2.1:1	11.5 FC 1.6:1	10.2 FC 1.2:1	6.3 FC 3.7:1
35	123.1 FC 3.9:1	55.8 FC 4.1:1	37 FC 2.6:1	23.9 FC 2.7:1	20.9 FC 1.4:1	13.4 FC 1.9:1	12.2 FC 1.3:1	10.6 FC 1.8:1	6.5 FC 7.4:1
30	127.7 FC 4.4:1	58 FC 4.2:1	38.6 FC 2.6:1	25.3 FC 2.4:1	21.6 FC 1.2:1	14.3 FC 1.7:1	12.7 FC 2.4:1	11 FC 3.4:1	7 FC 14.1:1
25	132.5 FC 4.6:1	60.4 FC 4.9:1	40.4 FC 2.3:1	26.1 FC 2.8:1	22.4 FC 1.7:1	14.8 FC 3.5:1	13.4 FC 5.9:1	11.5 FC 8.5:1	7 FC 41.6:1
20	137.2 FC 5.7:1	62.9 FC 6.1:1	42.4 FC 2:1	28.7 FC 2.6:1	23.7 FC 4.6:1	15.7 FC 11.5:1	14.6 FC 16.5:1	12.4 FC 17.7:1	7.1 FC 87.3:1
15	142.3 FC 8.2:1	64.9 FC 13.3:1	45.7 FC 4.7:1	28.7 FC 27.2:1	25.7 FC 16.7:1	16.2 FC 46.3:1	15.9 FC 39.6:1	13.7 FC 42.5:1	7.2 FC 233.7:1
10	151.2 FC 18.2:1	64.9 FC 57.5:1	46.2 FC 51.7:1	29.2 FC 93.5:1	28.9 FC 53:1	17 FC 157.8:1	17.4 FC 136.6:1	15.8 FC 143.6:1	7.2 FC 977:1

# FIXTURE: H17 @ 100W + H17-RPC

16,336 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	105.4 FC 3.2:1	47.5 FC 3.3:1	31.5 FC 2.6:1	20.2 FC 2.6:1	18 FC 1.8:1	11.2 FC 2.3:1	10.4 FC 1.8:1	9.3 FC 1.5:1	5.4 FC 2.6:1
45	110.1 FC 3.4:1	49.7 FC 3.5:1	33 FC 2.5:1	21.5 FC 2.4:1	18.8 FC 1.8:1	11.8 FC 2.2:1	10.9 FC 1.6:1	9.7 FC 1.4:1	5.7 FC 3:1
40	114.8 FC 3.7:1	52 FC 3.6:1	34.5 FC 2.7:1	22.1 FC 2.7:1	19.5 FC 1.7:1	12.3 FC 2:1	11.2 FC 1.5:1	10.1 FC 1.2:1	6.1 FC 3.6:1
35	119.8 FC 3.6:1	54.3 FC 3.7:1	36.1 FC 2.5:1	23.2 FC 2.6:1	20.4 FC 1.5:1	13 FC 1.9:1	11.9 FC 1.3:1	10.4 FC 1.7:1	6.3 FC 6.1:1
30	124.8 FC 4.1:1	56.7 FC 3.9:1	37.7 FC 2.5:1	24.6 FC 2.4:1	21.2 FC 1.2:1	13.9 FC 1.7:1	12.4 FC 2.3:1	10.8 FC 3:1	6.8 FC 10.1:1
25	130.1 FC 4.3:1	59.2 FC 4.5:1	39.5 FC 2.3:1	25.6 FC 2.8:1	22.1 FC 1.7:1	14.5 FC 3.4:1	13.2 FC 4.6:1	11.4 FC 5.7:1	6.8 FC 21.2:1
20	135.3 FC 5.2:1	61.9 FC 5.5:1	41.7 FC 2:1	28.1 FC 2.5:1	23.4 FC 3.7:1	15.3 FC 8:1	14.3 FC 10.1:1	12.3 FC 11.9:1	7 FC 53.5:1
15	140.5 FC 7:1	64.2 FC 10.1:1	45 FC 4.4:1	28.2 FC 16.2:1	25.3 FC 10.8:1	16 FC 26.6:1	15.6 FC 24.3:1	13.6 FC 26.9:1	7.2 FC 161.5:1
10	149.6 FC 12.6:1	64.7 FC 37.7:1	45.6 FC 27.9:1	29.1 FC 57.7:1	28.7 FC 37.2:1	17.1 FC 93.6:1	17.3 FC 90.5:1	15.7 FC 101.4:1	7.2 FC 899:1

# FIXTURE: H17 @ 100W + H17-RPC + H17-RDL

15,335 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	91.8 FC	41.6 FC	27.7 FC	17.8 FC	15.9 FC	9.8 FC	9.2 FC	8.2 FC	4.7 FC
	2.8:1	2.9:1	2.4:1	2.4:1	1.8:1	2.2:1	1.8:1	1.6:1	2.5:1
45	96.7 FC	43.8 FC	29.1 FC	19 FC	16.8 FC	10.4 FC	9.7 FC	8.7 FC	5 FC
	3:1	3:1	2.4:1	2.3:1	1.8:1	2.1:1	1.6:1	1.4:1	2.7:1
40	101.4 FC	46.1 FC	30.6 FC	19.7 FC	17.5 FC	11 FC	10 FC	9 FC	5.4 FC
	3.3:1	3.2:1	2.5:1	2.5:1	1.8:1	2:1	1.6:1	1.3:1	3:1
35	106.5 FC	48.4 FC	32.2 FC	20.7 FC	18.4 FC	11.6 FC	10.7 FC	9.4 FC	5.6 FC
	3.3:1	3.3:1	2.4:1	2.5:1	1.6:1	1.9:1	1.3:1	1.4:1	4.3:1
30	111.7 FC	50.9 FC	33.8 FC	22.1 FC	19.2 FC	12.4 FC	11.2 FC	9.8 FC	6 FC
	3.7:1	3.5:1	2.4:1	2.3:1	1.3:1	1.7:1	1.7:1	2.1:1	6.3:1
25	117.5 FC	53.5 FC	35.7 FC	23.1 FC	20.1 FC	13 FC	11.9 FC	10.4 FC	6.1 FC
	3.9:1	4:1	2.3:1	2.6:1	1.3:1	2.8:1	2.9:1	3.5:1	10.9:1
20	123.1 FC	56.3 FC	37.8 FC	25.4 FC	21.3 FC	13.8 FC	12.8 FC	11.1 FC	6.4 FC
	4.6:1	4.7:1	2.1:1	2.1:1	2.5:1	5.1:1	5.6:1	7.3:1	25.9:1
15	128.8 FC	58.9 FC	41 FC	25.8 FC	22.9 FC	14.5 FC	14 FC	12.2 FC	6.7 FC
	5.7:1	7.4:1	3.1:1	9.2:1	6.5:1	14.4:1	14.7:1	17.9:1	77.3:1
10	138.9 FC	59.9 FC	42.2 FC	27.1 FC	26.1 FC	15.8 FC	15.6 FC	14.2 FC	6.8 FC
	8.7:1	24.2:1	15.9:1	35.4:1	25:1	57.3:1	62.1:1	72.1:1	452.7:1

# FIXTURE: H17 @ 120W

19,142 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	120.2 FC	54.4 FC	36.2 FC	23.3 FC	20.8 FC	12.9 FC	12 FC	10.7 FC	6.1 FC
	3.2:1	3.2:1	2.6:1	2.7:1	1.8:1	2.3:1	1.7:1	1.6:1	2.9:1
45	126.3 FC	57.2 FC	38.1 FC	24.9 FC	21.9 FC	13.6 FC	12.6 FC	11.3 FC	6.5 FC
	3.3:1	3.5:1	2.6:1	2.5:1	1.7:1	2.3:1	1.6:1	1.4:1	3.2:1
40	132.3 FC	60.1 FC	40 FC	25.7 FC	22.8 FC	14.3 FC	13.1 FC	11.8 FC	7 FC
	3.4:1	3.4:1	2.6:1	2.6:1	1.7:1	2.2:1	1.6:1	1.2:1	3.8:1
35	138.5 FC	63 FC	42 FC	27 FC	24 FC	15.1 FC	13.9 FC	12.3 FC	7.3 FC
	3.8:1	3.8:1	2.6:1	2.6:1	1.4:1	2.1:1	1.3:1	1.5:1	6.2:1
30	145.1 FC	66.2 FC	44 FC	28.8 FC	24.9 FC	16.1 FC	14.5 FC	12.7 FC	7.8 FC
	3.8:1	3.9:1	2.5:1	2.4:1	1.3:1	2:1	1.8:1	2.3:1	8.5:1
25	151.9 FC	69.4 FC	46.3 FC	29.9 FC	26.1 FC	16.8 FC	15.3 FC	13.4 FC	8 FC
	4.3:1	4.3:1	2.4:1	2.7:1	1.4:1	3.4:1	3.2:1	4.1:1	15.6:1
20	158.9 FC	72.8 FC	48.9 FC	32.9 FC	27.6 FC	17.9 FC	16.6 FC	14.4 FC	8.3 FC
	4.7:1	5.3:1	2.3:1	2.5:1	2.7:1	6.7:1	6.9:1	8.4:1	42.1:1
15	165.8 FC	75.9 FC	52.9 FC	33.2 FC	29.5 FC	18.9 FC	18.1 FC	15.8 FC	8.6 FC
	6.9:1	8.7:1	2.8:1	11.1:1	7.4:1	18.2:1	18.5:1	21.9:1	133.2:1
10	178.1 FC	78.1 FC	54.2 FC	34.8 FC	32.8 FC	20.6 FC	20 FC	17.9 FC	8.8 FC
	10.9:1	30.2:1	21:1	44.5:1	25.5:1	76.3:1	71.6:1	81:1	580:1

# FIXTURE: H17 @ 120W + H17-RAL

19,028 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	128.5 FC	57.9 FC	38.4 FC	24.7 FC	21.8 FC	13.7 FC	12.6 FC	11.2 FC	6.6 FC
	3.4:1	3.5:1	2.7:1	2.7:1	1.8:1	2.4:1	1.8:1	1.5:1	2.8:1
45	133.7 FC	60.3 FC	40 FC	26.1 FC	22.6 FC	14.3 FC	13.1 FC	11.6 FC	6.9 FC
	3.6:1	3.8:1	2.7:1	2.6:1	1.8:1	2.3:1	1.6:1	1.3:1	3.2:1
40	139 FC	62.9 FC	41.7 FC	26.8 FC	23.5 FC	15 FC	13.5 FC	11.9 FC	7.4 FC
	3.9:1	3.9:1	2.8:1	2.8:1	1.7:1	2.1:1	1.6:1	1.2:1	3.8:1
35	144.6 FC	65.5 FC	43.5 FC	28 FC	24.5 FC	15.7 FC	14.3 FC	12.5 FC	7.6 FC
	3.9:1	4.1:1	2.5:1	2.7:1	1.4:1	1.9:1	1.3:1	1.8:1	7.1:1
30	150 FC	68.1 FC	45.3 FC	29.7 FC	25.4 FC	16.7 FC	14.9 FC	12.9 FC	8.2 FC
	4.4:1	4.2:1	2.5:1	2.4:1	1.2:1	1.7:1	2.4:1	3.4:1	13.8:1
25	155.6 FC	70.9 FC	47.4 FC	30.7 FC	26.3 FC	17.4 FC	15.8 FC	13.6 FC	8.2 FC
	4.6:1	4.9:1	2.3:1	2.8:1	1.7:1	3.5:1	5.9:1	8.3:1	40.7:1
20	161.1 FC	73.9 FC	49.8 FC	33.7 FC	27.8 FC	18.4 FC	17.1 FC	14.6 FC	8.4 FC
	5.6:1	6.1:1	2:1	2.6:1	4.6:1	11.6:1	16.5:1	17.7:1	102.3:1
15	167.1 FC	76.2 FC	53.7 FC	33.7 FC	30.2 FC	19.1 FC	18.7 FC	16.1 FC	8.5 FC
	8.2:1	13.4:1	4.7:1	27.7:1	16.6:1	47.9:1	39.9:1	40.9:1	205.8:1
10	177.7 FC	76.2 FC	54.2 FC	34.2 FC	33.9 FC	20 FC	20.4 FC	18.5 FC	8.4 FC
	18.1:1	56.8:1	50.8:1	95.4:1	52.4:1	150.4:1	140.4:1	146.1:1	1147:1

# FIXTURE: H17 @ 120W + H17-RPC

19,070 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	22 FC	9.9 FC	6.6 FC	4.2 FC	3.8 FC	2.3 FC	2.2 FC	1.9 FC	1.1 FC
	3.2:1	3.3:1	2.5:1	2.6:1	1.7:1	2.4:1	1.8:1	1.5:1	2.8:1
45	23 FC	10.4 FC	6.9 FC	4.5 FC	3.9 FC	2.5 FC	2.3 FC	2 FC	1.2 FC
	3.4:1	3.5:1	2.5:1	2.5:1	1.8:1	2.2:1	1.6:1	1.4:1	3:1
40	24 FC	10.9 FC	7.2 FC	4.6 FC	4.1 FC	2.6 FC	2.4 FC	2.1 FC	1.3 FC
	3.6:1	3.6:1	2.7:1	2.6:1	1.7:1	2.1:1	1.5:1	1.2:1	3.2:1
35	25 FC	11.3 FC	7.5 FC	4.8 FC	4.3 FC	2.7 FC	2.5 FC	2.2 FC	1.3 FC
	3.6:1	3.7:1	2.5:1	2.5:1	1.5:1	1.8:1	1.3:1	1.7:1	6.7:1
30	26.1 FC	11.8 FC	7.9 FC	5.2 FC	4.4 FC	2.9 FC	2.6 FC	2.3 FC	1.4 FC
	4.1:1	3.9:1	2.5:1	2.4:1	1.2:1	1.7:1	2.3:1	3.1:1	9:1
25	27.2 FC	12.4 FC	8.3 FC	5.3 FC	4.6 FC	3 FC	2.8 FC	2.4 FC	1.4 FC
	4.3:1	4.4:1	2.3:1	2.7:1	1.7:1	3.5:1	4.7:1	6:1	20:1
20	28.3 FC	12.9 FC	8.7 FC	5.9 FC	4.9 FC	3.2 FC	3 FC	2.6 FC	1.5 FC
	5.2:1	5.5:1	2:1	2.5:1	3.7:1	7.6:1	10.6:1	11.4:1	67:1
15	29.4 FC	13.4 FC	9.4 FC	5.9 FC	5.3 FC	3.3 FC	3.3 FC	2.8 FC	1.5 FC
	7:1	10.1:1	4.4:1	17:1	10.4:1	26.6:1	22.8:1	24.3:1	135:1
10	31.3 FC	13.5 FC	9.5 FC	6.1 FC	6 FC	3.6 FC	3.6 FC	3.3 FC	1.5 FC
	12.5:1	37.2:1	29.2:1	60.2:1	37.1:1	97.8:1	89.8:1	90:1	375:1

# FIXTURE: H17 @ 120W + H17-RPC + H17-RDL

17,878 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	123.9 FC 2.8:1	56.1 FC 2.9:1	37.3 FC 2.4:1	24 FC 2.4:1	21.5 FC 1.8:1	13.3 FC 2.2:1	12.4 FC 1.7:1	11.1 FC 1.6:1	6.3 FC 2.4:1
45	130.4 FC 3:1	59.1 FC 3:1	39.3 FC 2.4:1	25.6 FC 2.3:1	22.6 FC 1.8:1	14 FC 2.1:1	13 FC 1.6:1	11.7 FC 1.4:1	6.7 FC 2.7:1
40	136.8 FC 3.3:1	62.1 FC 3.2:1	41.3 FC 2.5:1	26.5 FC 2.5:1	23.6 FC 1.8:1	14.8 FC 2:1	13.5 FC 1.6:1	12.2 FC 1.3:1	7.2 FC 2.8:1
35	143.7 FC 3.3:1	65.3 FC 3.3:1	43.4 FC 2.4:1	27.9 FC 2.5:1	24.8 FC 1.6:1	15.6 FC 1.9:1	14.4 FC 1.3:1	12.7 FC 1.4:1	7.5 FC 4.3:1
30	150.8 FC 3.7:1	68.7 FC 3.5:1	45.7 FC 2.4:1	29.9 FC 2.3:1	25.9 FC 1.3:1	16.7 FC 1.7:1	15.1 FC 1.7:1	13.3 FC 2.1:1	8.1 FC 6.2:1
25	158.5 FC 3.9:1	72.2 FC 4:1	48.2 FC 2.3:1	31.1 FC 2.7:1	27.1 FC 1.3:1	17.6 FC 2.8:1	16.1 FC 2.8:1	14 FC 3.5:1	8.3 FC 11.2:1
20	166.1 FC 4.6:1	76 FC 4.7:1	51 FC 2.1:1	34.3 FC 2.1:1	28.8 FC 2.4:1	18.6 FC 5:1	17.3 FC 5.6:1	15 FC 7.2:1	8.7 FC 26.3:1
15	174 FC 5.8:1	79.5 FC 7.3:1	55.3 FC 3.1:1	34.7 FC 9.2:1	30.9 FC 6.4:1	19.6 FC 14.4:1	18.9 FC 14.9:1	16.5 FC 18.2:1	9 FC 78.4:1
10	187.4 FC 8.6:1	81 FC 24:1	57 FC 16:1	36.5 FC 35.1:1	35.2 FC 24.8:1	21.2 FC 57.7:1	21.2 FC 61:1	19.1 FC 71:1	9.1 FC 451.5:1

# FIXTURE: H17 @ 150W

21,138 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	138.7 FC 3.2:1	62.8 FC 3.2:1	41.7 FC 2.6:1	26.8 FC 2.7:1	24 FC 1.8:1	14.8 FC 2.3:1	13.8 FC 1.7:1	12.4 FC 1.6:1	7.1 FC 2.9:1
45	145.7 FC 3.3:1	66 FC 3.5:1	43.9 FC 2.6:1	28.7 FC 2.5:1	25.2 FC 1.7:1	15.7 FC 2.3:1	14.6 FC 1.6:1	13.1 FC 1.4:1	7.5 FC 3.2:1
40	152.6 FC 3.4:1	69.3 FC 3.5:1	46.1 FC 2.6:1	29.6 FC 2.6:1	26.3 FC 1.7:1	16.5 FC 2.2:1	15.1 FC 1.6:1	13.6 FC 1.2:1	8.1 FC 3.7:1
35	159.7 FC 3.9:1	72.7 FC 3.8:1	48.4 FC 2.6:1	31.1 FC 2.6:1	27.6 FC 1.5:1	17.4 FC 2.1:1	16 FC 1.3:1	14.1 FC 1.5:1	8.4 FC 6.1:1
30	167.3 FC 3.8:1	76.3 FC 3.9:1	50.8 FC 2.5:1	33.2 FC 2.4:1	28.8 FC 1.3:1	18.6 FC 2:1	16.7 FC 1.8:1	14.7 FC 2.3:1	9 FC 8.7:1
25	175.2 FC 4.3:1	80 FC 4.3:1	53.4 FC 2.4:1	34.5 FC 2.7:1	30.1 FC 1.4:1	19.4 FC 3.4:1	17.7 FC 3.2:1	15.5 FC 4.1:1	9.2 FC 15.6:1
20	183.3 FC 4.7:1	84 FC 5.3:1	56.4 FC 2.3:1	37.9 FC 2.5:1	31.8 FC 2.7:1	20.6 FC 6.7:1	19.2 FC 6.9:1	16.7 FC 8.3:1	9.6 FC 38.9:1
15	191.2 FC 6.9:1	87.5 FC 8.7:1	61 FC 2.9:1	38.3 FC 11.2:1	34.1 FC 7.4:1	21.8 FC 18:1	20.9 FC 18.4:1	18.2 FC 21.5:1	9.9 FC 127.8:1
10	205.3 FC 10.9:1	90.1 FC 30.2:1	62.5 FC 20.8:1	40.2 FC 45.2:1	37.8 FC 25.5:1	23.8 FC 75.4:1	23.1 FC 70.8:1	20.6 FC 78.3:1	10.1 FC 669.7:1

# FIXTURE: H17 @ 150W + H17-RAL

21,854 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	147.8 FC	66.6 FC	44.1 FC	28.4 FC	25 FC	15.7 FC	14.5 FC	12.8 FC	7.5 FC
	3.4:1	3.5:1	2.7:1	2.7:1	1.8:1	2.4:1	1.8:1	1.5:1	2.7:1
45	153.8 FC	69.4 FC	46 FC	30.1 FC	26 FC	16.5 FC	15.1 FC	13.3 FC	7.9 FC
	3.6:1	3.8:1	2.7:1	2.5:1	1.8:1	2.3:1	1.6:1	1.3:1	3.2:1
40	159.9 FC	72.3 FC	47.9 FC	30.8 FC	27 FC	17.2 FC	15.6 FC	13.7 FC	8.5 FC
	3.9:1	3.9:1	2.8:1	2.8:1	1.7:1	2.1:1	1.6:1	1.2:1	3.8:1
35	166.3 FC	75.3 FC	50 FC	32.2 FC	28.2 FC	18.1 FC	16.4 FC	14.3 FC	8.8 FC
	3.9:1	4:1	2.5:1	2.7:1	1.4:1	1.9:1	1.3:1	1.8:1	7.3:1
30	172.5 FC	78.4 FC	52.1 FC	34.1 FC	29.2 FC	19.3 FC	17.2 FC	14.9 FC	9.5 FC
	4.4:1	4.2:1	2.6:1	2.4:1	1.2:1	1.7:1	2.4:1	3.4:1	13.6:1
25	179 FC	81.6 FC	54.6 FC	35.3 FC	30.2 FC	20 FC	18.2 FC	15.6 FC	9.5 FC
	4.6:1	4.8:1	2.3:1	2.8:1	1.7:1	3.5:1	5.9:1	8.3:1	40.1:1
20	185.4 FC	85 FC	57.3 FC	38.8 FC	32 FC	21.2 FC	19.7 FC	16.8 FC	9.6 FC
	5.6:1	6.1:1	2:1	2.6:1	4.6:1	11.7:1	16.5:1	17.7:1	94.2:1
15	192.2 FC	87.7 FC	61.8 FC	38.7 FC	34.7 FC	21.9 FC	21.5 FC	18.5 FC	9.7 FC
	8.1:1	13.2:1	4.8:1	26.6:1	16.6:1	46.9:1	40.1:1	41.4:1	236.8:1
10	204.3 FC	87.6 FC	62.4 FC	39.4 FC	39 FC	23 FC	23.5 FC	21.3 FC	9.7 FC
	18.2:1	56.3:1	51.3:1	93.5:1	53.2:1	153.9:1	143.6:1	148.2:1	879.7:1

# FIXTURE: H17 @ 150W + H17-RPC

21,947 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	141.6 FC	63.8 FC	42.3 FC	27.2 FC	24.2 FC	15 FC	13.9 FC	12.4 FC	7.2 FC
	3.2:1	3.2:1	2.6:1	2.6:1	1.8:1	2.4:1	1.7:1	1.5:1	2.6:1
45	147.9 FC	66.8 FC	44.3 FC	28.9 FC	25.2 FC	15.8 FC	14.6 FC	13 FC	7.6 FC
	3.4:1	3.5:1	2.5:1	2.4:1	1.8:1	2.2:1	1.6:1	1.4:1	3:1
40	154.2 FC	69.8 FC	46.3 FC	29.7 FC	26.2 FC	16.6 FC	15.1 FC	13.5 FC	8.2 FC
	3.7:1	3.6:1	2.7:1	2.7:1	1.7:1	2:1	1.6:1	1.2:1	3.5:1
35	161 FC	72.9 FC	48.4 FC	31.1 FC	27.5 FC	17.5 FC	16 FC	14 FC	8.5 FC
	3.6:1	3.7:1	2.5:1	2.6:1	1.5:1	1.9:1	1.3:1	1.7:1	6.2:1
30	167.7 FC	76.2 FC	50.6 FC	33.1 FC	28.5 FC	18.6 FC	16.7 FC	14.6 FC	9.1 FC
	4.1:1	3.9:1	2.5:1	2.4:1	1.2:1	1.7:1	2.3:1	3:1	10.4:1
25	174.8 FC	79.6 FC	53.1 FC	34.3 FC	29.6 FC	19.4 FC	17.7 FC	15.3 FC	9.2 FC
	4.3:1	4.4:1	2.3:1	2.8:1	1.7:1	3.4:1	4.6:1	5.7:1	21.3:1
20	181.8 FC	83.2 FC	56 FC	37.8 FC	31.4 FC	20.6 FC	19.2 FC	16.5 FC	9.4 FC
	5.2:1	5.5:1	2:1	2.5:1	3.7:1	8:1	10.1:1	11.6:1	53.8:1
15	188.8 FC	86.2 FC	60.5 FC	37.8 FC	33.9 FC	21.5 FC	21 FC	18.3 FC	9.7 FC
	6.9:1	10:1	4.4:1	15.9:1	10.7:1	26.8:1	24.4:1	26.8:1	144.3:1
10	200.9 FC	86.9 FC	61.3 FC	39.2 FC	38.6 FC	23 FC	23.2 FC	21.1 FC	9.7 FC
	12.6:1	37.5:1	28.1:1	58.1:1	37.1:1	93:1	92.4:1	100.6:1	804.7:1

# FIXTURE: H17 @ 150W + H17-RPC + H17-RDL

20,722 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	123.9 FC 2.8:1	56.1 FC 2.9:1	37.3 FC 2.4:1	24 FC 2.4:1	21.5 FC 1.8:1	13.3 FC 2.2:1	12.4 FC 1.7:1	11.1 FC 1.6:1	6.3 FC 2.4:1
45	130.4 FC 3:1	59.1 FC 3:1	39.3 FC 2.4:1	25.6 FC 2.3:1	22.6 FC 1.8:1	14 FC 2.1:1	13 FC 1.6:1	11.7 FC 1.4:1	6.7 FC 2.7:1
40	136.8 FC 3.3:1	62.1 FC 3.2:1	41.3 FC 2.5:1	26.5 FC 2.5:1	23.6 FC 1.8:1	14.8 FC 2:1	13.5 FC 1.6:1	12.2 FC 1.3:1	7.2 FC 2.8:1
35	143.7 FC 3.3:1	65.3 FC 3.3:1	43.4 FC 2.4:1	27.9 FC 2.5:1	24.8 FC 1.6:1	15.6 FC 1.9:1	14.4 FC 1.3:1	12.7 FC 1.4:1	7.5 FC 4.3:1
30	150.8 FC 3.7:1	68.7 FC 3.5:1	45.7 FC 2.4:1	29.9 FC 2.3:1	25.9 FC 1.3:1	16.7 FC 1.7:1	15.1 FC 1.7:1	13.3 FC 2.1:1	8.1 FC 6.2:1
25	158.5 FC 3.9:1	72.2 FC 4:1	48.2 FC 2.3:1	31.1 FC 2.7:1	27.1 FC 1.3:1	17.6 FC 2.8:1	16.1 FC 2.8:1	14 FC 3.5:1	8.3 FC 11.2:1
20	166.1 FC 4.6:1	76 FC 4.7:1	51 FC 2.1:1	34.3 FC 2.1:1	28.8 FC 2.4:1	18.6 FC 5:1	17.3 FC 5.6:1	15 FC 7.2:1	8.7 FC 26.3:1
15	174 FC 5.8:1	79.5 FC 7.3:1	55.3 FC 3.1:1	34.7 FC 9.2:1	30.9 FC 6.4:1	19.6 FC 14.4:1	18.9 FC 14.9:1	16.5 FC 18.2:1	9 FC 78.4:1
10	187.4 FC 8.6:1	81 FC 24:1	57 FC 16:1	36.5 FC 35.1:1	35.2 FC 24.8:1	21.2 FC 57.7:1	21.2 FC 61:1	19.1 FC 71:1	9.1 FC 451.5:1

# FIXTURE: H17XL @ 150W

24,336 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	154.4 FC 3.2:1	69.7 FC 3.1:1	46.4 FC 2.5:1	29.8 FC 2.5:1	26.7 FC 1.8:1	16.5 FC 2.3:1	15.4 FC 1.7:1	13.8 FC 1.5:1	7.9 FC 2.5:1
45	162.1 FC 3.3:1	73.3 FC 3.1:1	48.7 FC 2.5:1	31.8 FC 2.3:1	27.9 FC 1.8:1	17.4 FC 2.2:1	16.2 FC 1.6:1	14.5 FC 1.4:1	8.3 FC 2.7:1
40	169.9 FC 3.5:1	76.9 FC 3.5:1	51 FC 2.8:1	32.9 FC 2.5:1	29.2 FC 1.7:1	18.3 FC 2.1:1	16.8 FC 1.5:1	15 FC 1.3:1	9 FC 2.8:1
35	178.2 FC 3.7:1	80.8 FC 3.6:1	53.7 FC 2.6:1	34.5 FC 2.5:1	30.7 FC 1.5:1	19.2 FC 2:1	17.8 FC 1.2:1	15.7 FC 1.5:1	9.3 FC 4.7:1
30	186.7 FC 4:1	84.7 FC 3.9:1	56.3 FC 2.7:1	36.9 FC 2.2:1	32 FC 1.3:1	20.6 FC 1.9:1	18.5 FC 1.7:1	16.3 FC 2.2:1	10 FC 6.8:1
25	195.5 FC 4.3:1	89 FC 4.2:1	59.3 FC 2.5:1	38.4 FC 2.4:1	33.5 FC 1.4:1	21.6 FC 2.5:1	19.7 FC 3:1	17.2 FC 3.8:1	10.2 FC 15.9:1
20	204.5 FC 5:1	93.4 FC 5.4:1	62.7 FC 2.3:1	42.2 FC 2:1	35.4 FC 2.6:1	23 FC 4.9:1	21.3 FC 6.2:1	18.5 FC 8.1:1	10.7 FC 34.8:1
15	214 FC 6.2:1	97.6 FC 7.6:1	67.6 FC 3.5:1	42.8 FC 8.1:1	37.8 FC 6.9:1	24.2 FC 13.6:1	23.2 FC 16.4:1	20.2 FC 19.8:1	11 FC 101.8:1
10	230.8 FC 8.9:1	101.2 FC 26.8:1	69.2 FC 13.9:1	44.8 FC 33.5:1	41.8 FC 25.1:1	26.4 FC 57.5:1	25.9 FC 61.1:1	22.8 FC 67.8:1	11.3 FC 423.6:1

# FIXTURE: H17XL @ 150W + H17XL-RAL

25,930 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	170.1 FC	76.6 FC	50.8 FC	32.7 FC	28.8 FC	18.1 FC	16.7 FC	14.8 FC	8.6 FC
	3.4:1	3.4:1	2.7:1	2.7:1	1.8:1	2.4:1	1.7:1	1.5:1	2.7:1
45	177.2 FC	79.9 FC	53 FC	34.6 FC	30 FC	19 FC	17.4 FC	15.4 FC	9.1 FC
	3.6:1	3.7:1	2.6:1	2.5:1	1.8:1	2.3:1	1.6:1	1.3:1	3.1:1
40	184.3 FC	83.4 FC	55.3 FC	35.5 FC	31.2 FC	19.9 FC	18 FC	15.9 FC	9.8 FC
	3.9:1	3.8:1	2.8:1	2.8:1	1.7:1	2.1:1	1.5:1	1.2:1	3.5:1
35	191.9 FC	86.9 FC	57.7 FC	37.2 FC	32.6 FC	20.8 FC	19 FC	16.6 FC	10.1 FC
	3.9:1	4:1	2.6:1	2.6:1	1.4:1	1.9:1	1.3:1	1.7:1	6.7:1
30	199.2 FC	90.5 FC	60.1 FC	39.4 FC	33.8 FC	22.2 FC	19.8 FC	17.2 FC	10.9 FC
	4.4:1	4.2:1	2.6:1	2.4:1	1.2:1	1.8:1	2.3:1	3.2:1	11.5:1
25	206.9 FC	94.3 FC	62.9 FC	40.7 FC	34.9 FC	23.1 FC	21 FC	18 FC	10.9 FC
	4.6:1	4.7:1	2.3:1	2.8:1	1.7:1	3.4:1	5.3:1	7.5:1	35.6:1
20	214.3 FC	98.2 FC	66.1 FC	44.8 FC	36.9 FC	24.4 FC	22.7 FC	19.4 FC	11.1 FC
	5.6:1	5.9:1	2.1:1	2.5:1	4.2:1	10.4:1	15:1	16.7:1	89.8:1
15	222.4 FC	101.3 FC	71.3 FC	44.8 FC	40.1 FC	25.4 FC	24.8 FC	21.4 FC	11.3 FC
	7.8:1	12.2:1	4.6:1	22.6:1	15.6:1	41.1:1	36.8:1	37.9:1	217.2:1
10	236.7 FC	102.3 FC	72.1 FC	45.7 FC	44.9 FC	26.7 FC	27.1 FC	24.5 FC	11.3 FC
	16.1:1	54.9:1	44.3:1	87:1	48.9:1	143.1:1	126.4:1	135.1:1	1009:1

# FIXTURE: H17XL @ 150W + H17XL-RPC

25,241 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	161.4 FC	72.8 FC	48.3 FC	31 FC	27.6 FC	17.2 FC	15.9 FC	14.2 FC	8.2 FC
	3.1:1	3.2:1	2.6:1	2.6:1	1.8:1	2.3:1	1.7:1	1.5:1	2.6:1
45	168.7 FC	76.2 FC	50.6 FC	33 FC	28.8 FC	18.1 FC	16.7 FC	14.9 FC	8.7 FC
	3.3:1	3.4:1	2.5:1	2.4:1	1.7:1	2.2:1	1.5:1	1.3:1	2.9:1
40	176.1 FC	79.7 FC	52.9 FC	34 FC	30 FC	19 FC	17.3 FC	15.5 FC	9.3 FC
	3.6:1	3.6:1	2.6:1	2.7:1	1.7:1	2:1	1.5:1	1.2:1	3.3:1
35	183.9 FC	83.4 FC	55.4 FC	35.6 FC	31.5 FC	20 FC	18.3 FC	16.1 FC	9.6 FC
	3.6:1	3.7:1	2.4:1	2.6:1	1.5:1	1.9:1	1.3:1	1.7:1	6:1
30	191.8 FC	87.2 FC	58 FC	37.9 FC	32.6 FC	21.3 FC	19.2 FC	16.7 FC	10.4 FC
	4:1	3.9:1	2.5:1	2.4:1	1.2:1	1.8:1	2.2:1	2.9:1	9.5:1
25	200.1 FC	91.1 FC	60.8 FC	39.3 FC	34 FC	22.2 FC	20.3 FC	17.6 FC	10.5 FC
	4.2:1	4.5:1	2.3:1	2.8:1	1.6:1	3.4:1	4.3:1	5.3:1	19.2:1
20	208.4 FC	95.3 FC	64.1 FC	43.3 FC	36 FC	23.5 FC	21.9 FC	18.9 FC	10.8 FC
	5.1:1	5.2:1	2.1:1	2.4:1	3.6:1	7.4:1	9.1:1	10.9:1	44:1
15	216.6 FC	99 FC	69.2 FC	43.3 FC	38.9 FC	24.6 FC	24 FC	20.9 FC	11.1 FC
	6.9:1	9.9:1	4.2:1	15.1:1	9.9:1	24.7:1	23.7:1	27:1	139.1:1
10	233.5 FC	99.6 FC	70.5 FC	45.4 FC	43.8 FC	26.2 FC	26.5 FC	24 FC	11.2 FC
	12.2:1	36.3:1	26.2:1	55.6:1	36.3:1	91.1:1	89.5:1	98.7:1	692:1



# FIXTURE: H17XL @ 150W + H17XL-RPC + H17-RDL

23,584 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	139.6 FC 2.8:1	63.2 FC 2.8:1	42.1 FC 2.4:1	27 FC 2.4:1	24.3 FC 1.8:1	15 FC 2.2:1	14 FC 1.7:1	12.6 FC 1.6:1	7.1 FC 2.5:1
45	147.1 FC 2.9:1	66.7 FC 3.1:1	44.4 FC 2.4:1	28.9 FC 2.2:1	25.5 FC 1.8:1	15.9 FC 2.1:1	14.7 FC 1.5:1	13.2 FC 1.4:1	7.6 FC 2.8:1
40	154.4 FC 3:1	70.2 FC 3.1:1	46.7 FC 2.4:1	30 FC 2.5:1	26.7 FC 1.7:1	16.7 FC 2:1	15.3 FC 1.5:1	13.8 FC 1.3:1	8.2 FC 3.2:1
35	162.3 FC 3.4:1	73.8 FC 3.3:1	49.2 FC 2.3:1	31.6 FC 2.4:1	28.1 FC 1.5:1	17.7 FC 1.9:1	16.3 FC 1.2:1	14.4 FC 1.5:1	8.5 FC 4.9:1
30	170.6 FC 3.6:1	77.7 FC 3.5:1	51.7 FC 2.4:1	33.8 FC 2.3:1	29.4 FC 1.3:1	18.9 FC 1.9:1	17.1 FC 1.7:1	15.1 FC 2.1:1	9.2 FC 6.6:1
25	179.3 FC 3.8:1	81.8 FC 4:1	54.6 FC 2.3:1	35.2 FC 2.7:1	30.8 FC 1.4:1	19.9 FC 2.9:1	18.2 FC 2.8:1	15.9 FC 3.5:1	9.3 FC 11.3:1
20	188.2 FC 4.3:1	86 FC 4.5:1	57.8 FC 2.1:1	38.8 FC 2.3:1	32.7 FC 2.5:1	21.1 FC 5.6:1	19.6 FC 5.3:1	17.1 FC 6.9:1	9.8 FC 25.8:1
15	197.6 FC 5.8:1	89.9 FC 7.1:1	62.7 FC 3.1:1	39.3 FC 9:1	35.2 FC 6.2:1	22.2 FC 13.8:1	21.4 FC 14.3:1	18.7 FC 18.2:1	10.2 FC 89.5:1
10	214.6 FC 9.1:1	91.7 FC 23.1:1	64.9 FC 16.5:1	41.6 FC 35.5:1	39.6 FC 23.5:1	24.1 FC 60:1	23.9 FC 61.9:1	21.5 FC 69.9:1	10.4 FC 424.6:1

# FIXTURE: H17XL @ 200W

30,216 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	194.9 FC 3.2:1	88 FC 3.1:1	58.5 FC 2.5:1	37.6 FC 2.5:1	33.7 FC 1.8:1	20.8 FC 2.3:1	19.4 FC 1.7:1	17.4 FC 1.5:1	9.9 FC 2.5:1
45	204.6 FC 3.3:1	92.6 FC 3.1:1	61.5 FC 2.5:1	40.1 FC 2.3:1	35.3 FC 1.8:1	22 FC 2.2:1	20.4 FC 1.6:1	18.3 FC 1.4:1	10.5 FC 2.7:1
40	214.5 FC 3.5:1	97.1 FC 3.4:1	64.5 FC 2.8:1	41.5 FC 2.5:1	36.8 FC 1.7:1	23.1 FC 2.1:1	21.2 FC 1.5:1	19 FC 1.3:1	11.3 FC 2.8:1
35	224.9 FC 3.7:1	102 FC 3.6:1	67.8 FC 2.6:1	43.6 FC 2.5:1	38.7 FC 1.5:1	24.3 FC 2:1	22.5 FC 1.2:1	19.8 FC 1.5:1	11.7 FC 4.6:1
30	235.6 FC 4:1	107 FC 3.9:1	71.1 FC 2.7:1	46.6 FC 2.2:1	40.4 FC 1.3:1	26 FC 1.9:1	23.4 FC 1.7:1	20.6 FC 2.2:1	12.7 FC 6.8:1
25	246.8 FC 4.3:1	112.4 FC 4.2:1	74.9 FC 2.5:1	48.5 FC 2.4:1	42.3 FC 1.4:1	27.3 FC 2.4:1	24.9 FC 2.9:1	21.8 FC 3.8:1	12.9 FC 15.3:1
20	258.1 FC 5:1	117.9 FC 5.4:1	79.1 FC 2.3:1	53.3 FC 2:1	44.7 FC 2.6:1	29 FC 4.8:1	26.8 FC 6.2:1	23.3 FC 8:1	13.5 FC 32.8:1
15	270.1 FC 6.2:1	123.3 FC 7.6:1	85.4 FC 3.5:1	54.1 FC 8.1:1	47.7 FC 6.8:1	30.6 FC 13.5:1	29.3 FC 16.4:1	25.4 FC 19.7:1	13.9 FC 93.2:1
10	291.4 FC 8.9:1	127.9 FC 26.7:1	87.4 FC 13.7:1	56.6 FC 33.4:1	52.8 FC 24.9:1	33.3 FC 58.5:1	32.7 FC 62:1	28.8 FC 69.2:1	14.3 FC 444.3:1

# FIXTURE: H17XL @ 200W + H17XL-RAL

31,090 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	208.1 FC	93.7 FC	62.1 FC	39.9 FC	35.3 FC	22.1 FC	20.4 FC	18.1 FC	10.6 FC
	3.4:1	3.4:1	2.7:1	2.7:1	1.8:1	2.4:1	1.7:1	1.5:1	2.7:1
45	216.8 FC	97.8 FC	64.9 FC	42.4 FC	36.7 FC	23.2 FC	21.3 FC	18.8 FC	11.1 FC
	3.6:1	3.7:1	2.6:1	2.5:1	1.8:1	2.3:1	1.6:1	1.3:1	3:1
40	225.5 FC	102 FC	67.6 FC	43.5 FC	38.1 FC	24.3 FC	22 FC	19.5 FC	12 FC
	3.9:1	3.8:1	2.8:1	2.8:1	1.7:1	2.1:1	1.6:1	1.2:1	3.5:1
35	234.8 FC	106.3 FC	70.6 FC	45.5 FC	39.9 FC	25.5 FC	23.2 FC	20.3 FC	12.4 FC
	3.9:1	4:1	2.6:1	2.6:1	1.4:1	1.9:1	1.3:1	1.7:1	6.5:1
30	243.8 FC	110.7 FC	73.6 FC	48.2 FC	41.3 FC	27.1 FC	24.2 FC	21 FC	13.3 FC
	4.3:1	4.2:1	2.6:1	2.4:1	1.2:1	1.8:1	2.2:1	3.1:1	11.5:1
25	253.2 FC	115.4 FC	77 FC	49.8 FC	42.8 FC	28.3 FC	25.7 FC	22.1 FC	13.4 FC
	4.6:1	4.7:1	2.4:1	2.8:1	1.7:1	3.3:1	5.3:1	7.5:1	35.5:1
20	262.3 FC	120.2 FC	80.9 FC	54.8 FC	45.2 FC	29.9 FC	27.8 FC	23.7 FC	13.6 FC
	5.6:1	5.8:1	2:1	2.4:1	4.2:1	10.1:1	14.9:1	16.4:1	82:1
15	272.4 FC	124 FC	87.3 FC	54.9 FC	49.1 FC	31.1 FC	30.4 FC	26.2 FC	13.8 FC
	7.7:1	12.1:1	4.6:1	22.4:1	15.5:1	41.9:1	36.3:1	38.7:1	220:1
10	289.8 FC	125.3 FC	88.2 FC	56 FC	54.9 FC	32.8 FC	33.2 FC	30 FC	13.8 FC
	16:1	54.2:1	44.3:1	87.2:1	48.5:1	141.7:1	126.5:1	132.6:1	919.5:1

# FIXTURE: H17XL @ 200W + H17XL-RPC

30,953 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	197.5 FC	89.1 FC	59.1 FC	38 FC	33.8 FC	21 FC	19.5 FC	17.4 FC	10.1 FC
	3.1:1	3.2:1	2.6:1	2.6:1	1.8:1	2.3:1	1.7:1	1.5:1	2.6:1
45	206.5 FC	93.3 FC	61.9 FC	40.4 FC	35.3 FC	22.1 FC	20.4 FC	18.2 FC	10.6 FC
	3.3:1	3.4:1	2.5:1	2.4:1	1.8:1	2.2:1	1.6:1	1.3:1	2.8:1
40	215.6 FC	97.7 FC	64.8 FC	41.6 FC	36.8 FC	23.2 FC	21.2 FC	19 FC	11.4 FC
	3.6:1	3.6:1	2.6:1	2.7:1	1.7:1	2:1	1.5:1	1.2:1	3.3:1
35	225.3 FC	102.2 FC	67.9 FC	43.7 FC	38.5 FC	24.5 FC	22.4 FC	19.7 FC	11.8 FC
	3.6:1	3.7:1	2.4:1	2.6:1	1.5:1	1.9:1	1.3:1	1.6:1	5.9:1
30	235 FC	106.8 FC	71 FC	46.4 FC	40 FC	26.1 FC	23.5 FC	20.5 FC	12.7 FC
	4:1	3.8:1	2.5:1	2.4:1	1.2:1	1.8:1	2.1:1	2.8:1	9:1
25	245.3 FC	111.6 FC	74.5 FC	48.2 FC	41.7 FC	27.2 FC	24.8 FC	21.5 FC	12.8 FC
	4.2:1	4.5:1	2.3:1	2.8:1	1.6:1	3.3:1	4.2:1	5.2:1	18.4:1
20	255.3 FC	116.9 FC	78.5 FC	53 FC	44.1 FC	28.8 FC	26.9 FC	23.2 FC	13.3 FC
	5.1:1	5.2:1	2.1:1	2.4:1	3.5:1	7.3:1	8.9:1	10.7:1	45.2:1
15	265.6 FC	121.3 FC	84.8 FC	53.1 FC	47.7 FC	30.2 FC	29.4 FC	25.6 FC	13.6 FC
	6.8:1	9.7:1	4.1:1	14.9:1	9.7:1	23.8:1	23.2:1	26.2:1	131.1:1
10	286.1 FC	122.2 FC	86.5 FC	55.6 FC	53.7 FC	32.2 FC	32.5 FC	29.4 FC	13.7 FC
	12.1:1	35.7:1	25.9:1	54.9:1	36:1	90:1	90.6:1	95.3:1	671.2:1

# FIXTURE: H17XL @ 200W + H17XL-RPC + H17-RDL

29,258 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	173 FC 2.8:1	78.3 FC 2.8:1	52.2 FC 2.4:1	33.5 FC 2.4:1	30.1 FC 1.8:1	18.6 FC 2.1:1	17.4 FC 1.7:1	15.6 FC 1.6:1	8.8 FC 2.5:1
45	182.2 FC 2.9:1	82.6 FC 3.1:1	55 FC 2.4:1	35.9 FC 2.2:1	31.6 FC 1.8:1	19.7 FC 2.1:1	18.3 FC 1.5:1	16.4 FC 1.4:1	9.4 FC 2.8:1
40	191.4 FC 3:1	87 FC 3.1:1	57.8 FC 2.5:1	37.2 FC 2.5:1	33 FC 1.7:1	20.7 FC 2:1	19 FC 1.6:1	17.1 FC 1.3:1	10.1 FC 3.2:1
35	201.2 FC 3.4:1	91.5 FC 3.3:1	60.9 FC 2.3:1	39.2 FC 2.4:1	34.9 FC 1.5:1	21.9 FC 1.9:1	20.2 FC 1.2:1	17.9 FC 1.5:1	10.5 FC 4.7:1
30	211.5 FC 3.6:1	96.4 FC 3.5:1	64.1 FC 2.4:1	41.9 FC 2.3:1	36.4 FC 1.3:1	23.5 FC 1.9:1	21.2 FC 1.7:1	18.7 FC 2.1:1	11.3 FC 6.5:1
25	222.2 FC 3.7:1	101.4 FC 4:1	67.6 FC 2.3:1	43.7 FC 2.7:1	38.2 FC 1.4:1	24.6 FC 2.9:1	22.6 FC 2.8:1	19.7 FC 3.4:1	11.6 FC 11:1
20	233.5 FC 4.3:1	106.7 FC 4.5:1	71.7 FC 2.1:1	48.1 FC 2.3:1	40.5 FC 2.5:1	26.1 FC 5.5:1	24.3 FC 5.2:1	21.2 FC 6.8:1	12.1 FC 24.8:1
15	244.9 FC 5.7:1	111.5 FC 7.1:1	77.7 FC 3.1:1	48.8 FC 9.1:1	43.6 FC 6.1:1	27.6 FC 13.6:1	26.5 FC 14.1:1	23.3 FC 18.3:1	12.6 FC 88.2:1
10	265.4 FC 8.9:1	113.7 FC 22.8:1	80.2 FC 16.1:1	51.7 FC 36.2:1	49.2 FC 23.5:1	29.8 FC 58.7:1	29.7 FC 62.3:1	26.6 FC 68.4:1	13 FC 438.3:1

# FIXTURE: H17XL @ 240W

34,973 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	227.6 FC 3.2:1	102.7 FC 3.1:1	68.3 FC 2.5:1	43.9 FC 2.5:1	39.3 FC 1.8:1	24.3 FC 2.4:1	22.7 FC 1.7:1	20.3 FC 1.5:1	11.6 FC 2.5:1
45	239 FC 3.3:1	108.1 FC 3.1:1	71.8 FC 2.5:1	46.9 FC 2.3:1	41.2 FC 1.8:1	25.7 FC 2.2:1	23.8 FC 1.6:1	21.4 FC 1.4:1	12.2 FC 2.7:1
40	250.6 FC 3.5:1	113.4 FC 3.4:1	75.3 FC 2.8:1	48.5 FC 2.5:1	43 FC 1.7:1	27 FC 2.1:1	24.7 FC 1.5:1	22.2 FC 1.3:1	13.2 FC 2.8:1
35	262.7 FC 3.7:1	119.2 FC 3.6:1	79.2 FC 2.6:1	50.9 FC 2.5:1	45.2 FC 1.5:1	28.4 FC 2:1	26.3 FC 1.2:1	23.1 FC 1.5:1	13.7 FC 4.7:1
30	275.3 FC 4:1	125 FC 3.9:1	83 FC 2.7:1	54.4 FC 2.2:1	47.2 FC 1.3:1	30.4 FC 1.9:1	27.3 FC 1.7:1	24.1 FC 2.2:1	14.8 FC 6.7:1
25	288.4 FC 4.3:1	131.4 FC 4.1:1	87.5 FC 2.5:1	56.6 FC 2.3:1	49.4 FC 1.4:1	31.9 FC 2.4:1	29.1 FC 2.9:1	25.4 FC 3.8:1	15.1 FC 15.6:1
20	301.6 FC 5:1	137.8 FC 5.4:1	92.5 FC 2.3:1	62.2 FC 2:1	52.2 FC 2.5:1	33.9 FC 4.8:1	31.4 FC 6.1:1	27.2 FC 8:1	15.7 FC 34.1:1
15	315.7 FC 6.2:1	144.1 FC 7.5:1	99.7 FC 3.4:1	63.2 FC 8:1	55.7 FC 6.8:1	35.7 FC 13.4:1	34.2 FC 16.3:1	29.7 FC 19.6:1	16.3 FC 91.6:1
10	340.6 FC 8.9:1	149.4 FC 26.4:1	102 FC 13.6:1	66.2 FC 33:1	61.7 FC 24.8:1	38.9 FC 58.2:1	38.2 FC 61.7:1	33.6 FC 67.7:1	16.7 FC 444.3:1

# FIXTURE: H17XL @ 240W + H17XL-RAL

35,019 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	234.3 FC 3.4:1	105.5 FC 3.4:1	70 FC 2.7:1	45 FC 2.7:1	39.7 FC 1.8:1	24.9 FC 2.4:1	23 FC 1.7:1	20.4 FC 1.5:1	11.9 FC 2.7:1
45	244.1 FC 3.6:1	110.1 FC 3.7:1	73 FC 2.6:1	47.7 FC 2.5:1	41.3 FC 1.8:1	26.1 FC 2.3:1	24 FC 1.6:1	21.2 FC 1.3:1	12.5 FC 3:1
40	254 FC 3.9:1	114.9 FC 3.8:1	76.2 FC 2.8:1	49 FC 2.8:1	43 FC 1.7:1	27.3 FC 2.1:1	24.8 FC 1.6:1	21.9 FC 1.2:1	13.5 FC 3.6:1
35	264.4 FC 3.9:1	119.7 FC 3.9:1	79.5 FC 2.6:1	51.2 FC 2.6:1	44.9 FC 1.4:1	28.7 FC 1.9:1	26.2 FC 1.3:1	22.8 FC 1.7:1	13.9 FC 6.4:1
30	274.6 FC 4.3:1	124.7 FC 4.2:1	82.9 FC 2.6:1	54.3 FC 2.4:1	46.5 FC 1.2:1	30.6 FC 1.8:1	27.3 FC 2.2:1	23.7 FC 3.1:1	15 FC 11.5:1
25	285.2 FC 4.6:1	129.9 FC 4.7:1	86.8 FC 2.3:1	56.1 FC 2.8:1	48.2 FC 1.7:1	31.8 FC 3.3:1	28.9 FC 5.3:1	24.8 FC 7.5:1	15.1 FC 36.6:1
20	295.4 FC 5.6:1	135.4 FC 5.8:1	91.1 FC 2.1:1	61.7 FC 2.4:1	50.9 FC 4.1:1	33.7 FC 10.2:1	31.3 FC 14.9:1	26.7 FC 16.4:1	15.4 FC 82:1
15	306.6 FC 7.7:1	139.7 FC 12.1:1	98.3 FC 4.6:1	61.8 FC 22.2:1	55.2 FC 15.6:1	35 FC 41.8:1	34.2 FC 36.8:1	29.5 FC 38.3:1	15.5 FC 212.3:1
10	326.6 FC 16:1	141.2 FC 54.4:1	99.3 FC 44.2:1	63.1 FC 87.2:1	61.8 FC 48.5:1	36.9 FC 138.9:1	37.4 FC 124.5:1	33.8 FC 134:1	15.5 FC 1034:1

# FIXTURE: H17XL @ 240W + H17XL-RPC

34,972 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	223 FC 3.1:1	100.6 FC 3.2:1	66.8 FC 2.6:1	42.9 FC 2.6:1	38.1 FC 1.8:1	23.7 FC 2.3:1	22 FC 1.7:1	19.7 FC 1.5:1	11.4 FC 2.6:1
45	233.2 FC 3.3:1	105.4 FC 3.4:1	70 FC 2.5:1	45.7 FC 2.4:1	39.9 FC 1.7:1	25 FC 2.2:1	23.1 FC 1.6:1	20.6 FC 1.3:1	12 FC 2.8:1
40	243.5 FC 3.5:1	110.3 FC 3.5:1	73.2 FC 2.6:1	47 FC 2.7:1	41.5 FC 1.7:1	26.2 FC 2:1	23.9 FC 1.5:1	21.4 FC 1.2:1	12.9 FC 3.3:1
35	254.4 FC 3.6:1	115.4 FC 3.7:1	76.7 FC 2.4:1	49.3 FC 2.6:1	43.5 FC 1.5:1	27.6 FC 1.9:1	25.3 FC 1.3:1	22.2 FC 1.6:1	13.3 FC 5.9:1
30	265.4 FC 4:1	120.7 FC 3.8:1	80.2 FC 2.5:1	52.5 FC 2.4:1	45.2 FC 1.2:1	29.5 FC 1.7:1	26.5 FC 2.1:1	23.1 FC 2.8:1	14.4 FC 9.1:1
25	277 FC 4.2:1	126.1 FC 4.5:1	84.2 FC 2.3:1	54.4 FC 2.8:1	47.1 FC 1.6:1	30.8 FC 3.3:1	28.1 FC 4.2:1	24.3 FC 5.2:1	14.5 FC 18.8:1
20	288.5 FC 5.1:1	132 FC 5.2:1	88.7 FC 2.1:1	59.9 FC 2.4:1	49.9 FC 3.5:1	32.6 FC 7.3:1	30.4 FC 8.8:1	26.2 FC 10.6:1	15 FC 44.1:1
15	300.1 FC 6.8:1	137.1 FC 9.7:1	95.9 FC 4.1:1	60 FC 14.9:1	53.9 FC 9.7:1	34.1 FC 23.9:1	33.2 FC 23:1	29 FC 26.4:1	15.4 FC 132.9:1
10	323.4 FC 12:1	137.9 FC 35.7:1	97.7 FC 25.7:1	62.9 FC 54.6:1	60.5 FC 35.8:1	36.3 FC 89.6:1	36.7 FC 89.8:1	33.2 FC 96.1:1	15.5 FC 631.3:1

# FIXTURE: H17XL @ 240W + H17XL-RPC + H17-RDL

32,782 Lumens

Height (ft)	Spacing (ft)								
	10x10	15x15	20x20	25x25	30x30	35x35	40x40	45x45	50x50
50	193.7 FC	87.7 FC	58.4 FC	37.5 FC	33.7 FC	20.8 FC	19.4 FC	17.5 FC	9.9 FC
	2.8:1	2.8:1	2.4:1	2.4:1	1.8:1	2.1:1	1.6:1	1.5:1	2.5:1
45	204 FC	92.5 FC	61.6 FC	40.2 FC	35.4 FC	22 FC	20.4 FC	18.4 FC	10.5 FC
	2.9:1	3.1:1	2.4:1	2.2:1	1.8:1	2.1:1	1.5:1	1.4:1	2.8:1
40	214.3 FC	97.4 FC	64.8 FC	41.6 FC	37 FC	23.2 FC	21.3 FC	19.1 FC	11.3 FC
	3:1	3.1:1	2.4:1	2.5:1	1.7:1	2:1	1.5:1	1.3:1	3.2:1
35	225.3 FC	102.5 FC	68.2 FC	43.9 FC	39 FC	24.5 FC	22.7 FC	20 FC	11.8 FC
	3.4:1	3.3:1	2.3:1	2.4:1	1.5:1	1.9:1	1.2:1	1.5:1	4.7:1
30	236.9 FC	107.9 FC	71.8 FC	47 FC	40.8 FC	26.3 FC	23.7 FC	20.9 FC	12.7 FC
	3.6:1	3.5:1	2.4:1	2.3:1	1.3:1	1.9:1	1.7:1	2.1:1	6.6:1
25	248.9 FC	113.6 FC	75.7 FC	48.9 FC	42.8 FC	27.6 FC	25.3 FC	22.1 FC	13 FC
	3.7:1	4:1	2.3:1	2.7:1	1.4:1	2.9:1	2.8:1	3.4:1	10.6:1
20	261.6 FC	119.5 FC	80.4 FC	53.9 FC	45.4 FC	29.3 FC	27.2 FC	23.8 FC	13.6 FC
	4.3:1	4.5:1	2.1:1	2.3:1	2.5:1	5.4:1	5.2:1	6.8:1	25:1
15	274.4 FC	125 FC	87.2 FC	54.6 FC	48.8 FC	30.9 FC	29.7 FC	26 FC	14.1 FC
	5.7:1	7.1:1	3.1:1	9:1	6:1	13.4:1	14.1:1	18.1:1	82.5:1
10	297.3 FC	127.4 FC	89.9 FC	57.9 FC	55.1 FC	33.4 FC	33.1 FC	29.9 FC	14.5 FC
	9:1	22.8:1	16.1:1	35.6:1	23.2:1	58.1:1	61.5:1	69.4:1	419.1:1