



# 12P Hex IP

Light Efficiency:

37 Lumen/Watt

Dominant Wavelength:

622 nm

Output:

493 lm

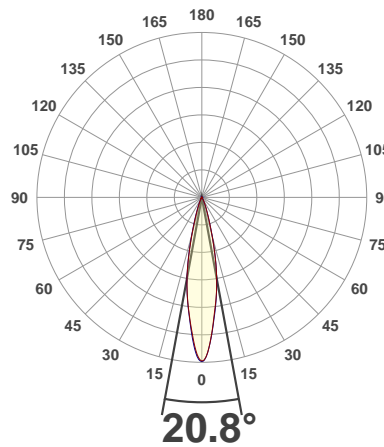
Power:

13.5 W

Peak:

3217 cd

Beam Angle



Test:

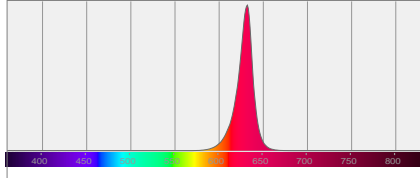
Red

Date:

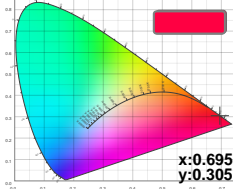
5/31/2018

Note:

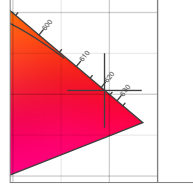
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

1

Distance (feet)

3.3

3

9.8

5

16.4

7

22.9

10

32.8

Lux\*

20.8°

Foot Candles\*

\*measured at  
center of beam

Beam Width (meter)

Beam Width (feet)

0.4

1.2

1.1

3.6

1.8

6

2.6

8.4

3.7

12

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
20.8°	38.3°	52.4°	99.9%	99.5%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	3200	800	356	200	128	89	65	50	40	32	26	22	19	16	14	13	11	10	9	8
fcd	297.3	74.3	33	18.6	11.9	8.3	6.1	4.6	3.7	3	2.5	2.1	1.8	1.5	1.3	1.2	1	0.9	0.8	0.7