

Hydro Beam X7

Light Efficiency:

5 Lumen/Watt

Dominant Wavelength:

625nm

Output:

498lm

Power:

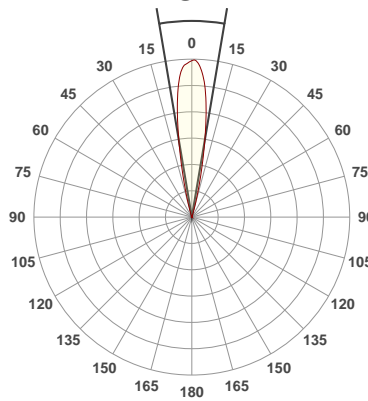
99.3W

Peak:

4860cd

Beam Angle

19.1°



Product Name:

Hydro Beam X7

Test:

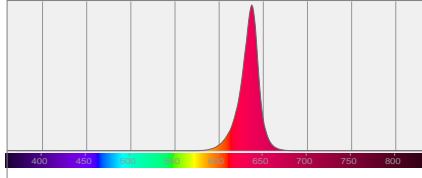
Zoom 50% Red

Date:

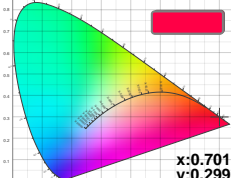
6/20/2019

Note:

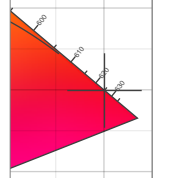
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

Distance (feet)

1

3.3

2

6.6

3

9.8

4

13.1

5

16.4

Lux*

19.1°

Foot Candles*

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

0.3

1.1

0.7

2.2

1

3.3

1.3

4.4

1.7

5.5

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
19.1°	29.4°	34.2°	100.0%	100.0%

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	4838	1210	538	302	194	134	99	76	60	48	40	34	29	25	22	19	17	15	13	12
fcd	449.5	112.4	49.9	28.1	18	12.5	9.2	7	5.5	4.5	3.7	3.1	2.7	2.3	2	1.8	1.6	1.4	1.2	1.1