

Hydro Beam X7

Light Efficiency:

7 Lumen/Watt

Dominant Wavelength:

524nm

Output:

809lm

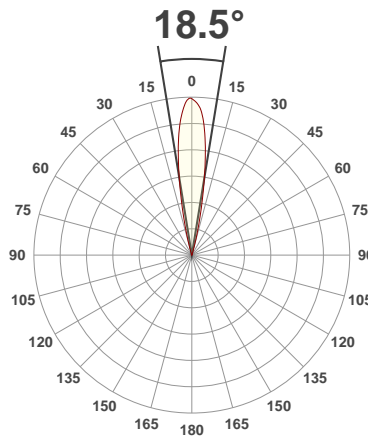
Power:

118.3W

Peak:

8313cd

Beam Angle



Product Name:

Hydro Beam X7

Test:

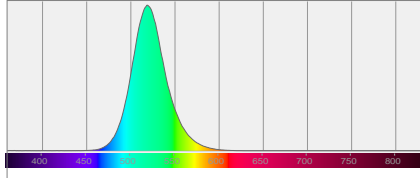
Zoom 50% Green

Date:

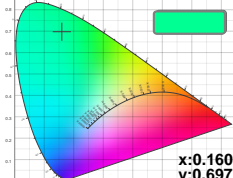
6/20/2019

Note:

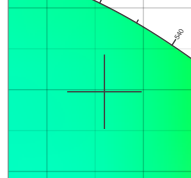
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

1

Distance (feet)

3.3

2

6.6

3

9.8

4

13.1

5

16.4

Lux*

18.5°

Foot Candles*

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

0.3

1.1

0.6

2.1

1

3.2

1.3

4.3

1.6

5.3

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
18.5°	29.2°	34.1°	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	8261	2065	918	516	330	229	169	129	102	83	68	57	49	42	37	32	29	25	23	21
fcd	767.5	191.9	85.3	48	30.7	21.3	15.7	12	9.5	7.7	6.3	5.3	4.5	3.9	3.4	3	2.7	2.4	2.1	1.9