

Hydro Beam X7

Light Efficiency:

2 Lumen/Watt

Dominant Wavelength:

451nm

Output:

243lm

Power:

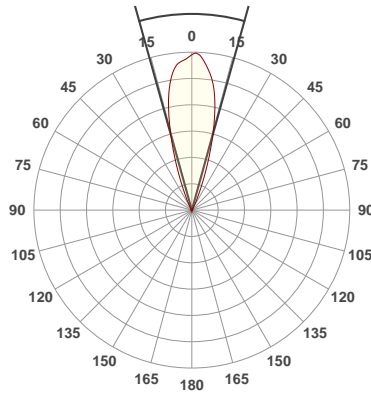
111.4W

Peak:

885cd

Beam Angle

31.1°



Product Name:

Hydro Beam X7

Test:

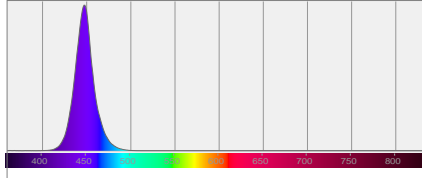
Zoom Out Blue

Date:

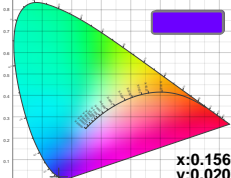
6/20/2019

Note:

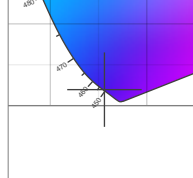
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

1

2

3

4

5

Distance (feet)

3.3

6.6

9.8

13.1

16.4

Lux*

31.1°

Foot Candles*

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
31.1°	47.7°	58.7°	99.3%	99.2%

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	874	219	97	55	35	24	18	14	11	9	7	6	5	4	4	3	3	3	2	2
fcd	81.2	20.3	9	5.1	3.2	2.3	1.7	1.3	1	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2