

# Hydro Beam X7

## Light Efficiency:

5 Lumen/Watt

## Dominant Wavelength:

625nm

## Output:

525lm

## Power:

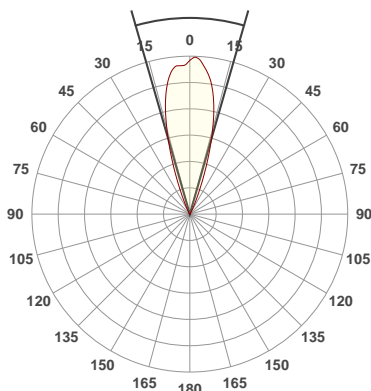
99.3W

## Peak:

1879cd

## Beam Angle

32.1°



## Product Name:

Hydro Beam X7

## Test:

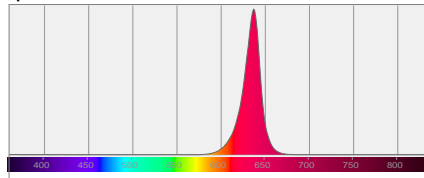
Zoom Out Red

## Date:

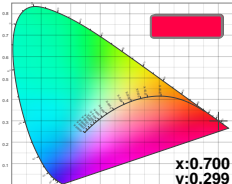
6/20/2019

## Note:

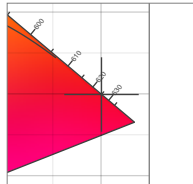
## Spectral Distribution



## Color Coordinates



## Zoom Color Point



Distance (meter)

1

Distance (feet)

3.3

2

6.6

3

9.8

4

13.1

5

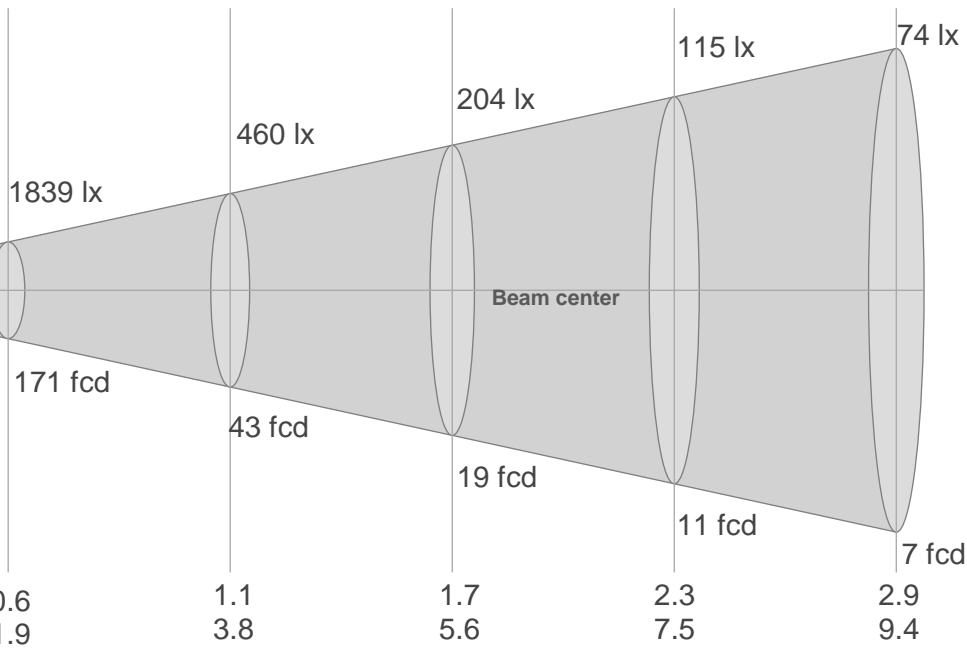
16.4

Lux\*

32.1°

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
32.1°	47.8°	57.8°	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	1839	460	204	115	74	51	38	29	23	18	15	13	11	9	8	7	6	6	5	5
fcd	170.9	42.7	19	10.7	6.8	4.7	3.5	2.7	2.1	1.7	1.4	1.2	1	0.9	0.8	0.7	0.6	0.5	0.5	0.4