

Hydro Beam X7

Light Efficiency:

9 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

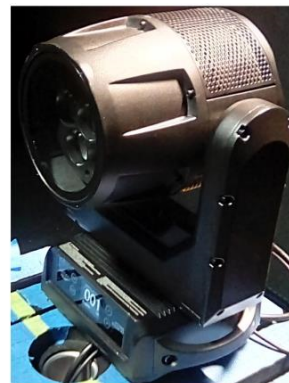
0 K

Output: 2441 lm

Peak: 8748 cd

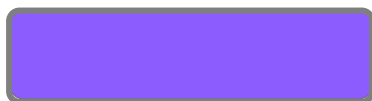
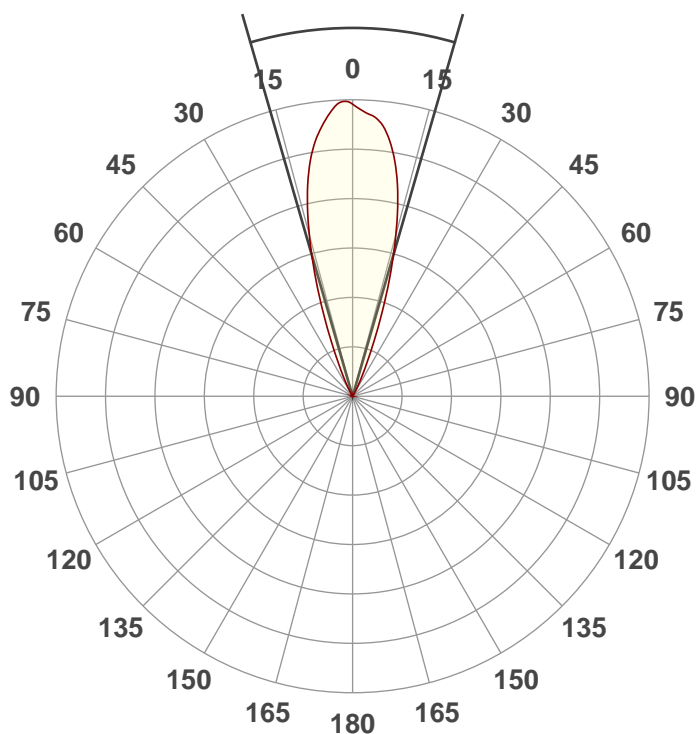
Power: 260.1 W

PF: 1.0



Beam Angle

32.2°



CIE 1931
x: 0.232
y: 0.167

Product Name:

Hydro Beam X7

Test:

Zoom Out Full On

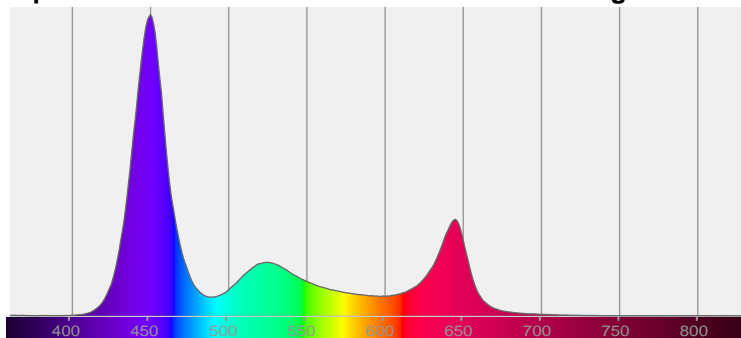
Date:

6/20/2019

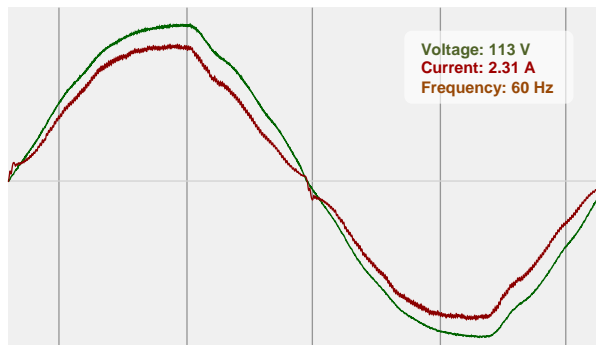
Note:

Spectra

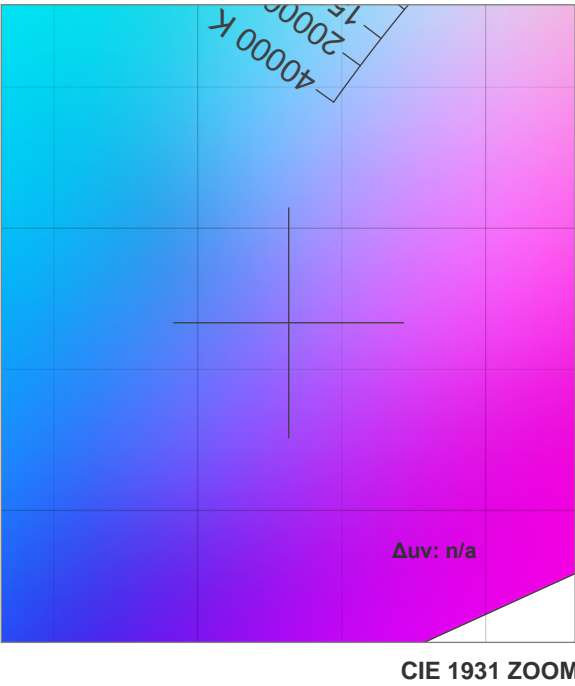
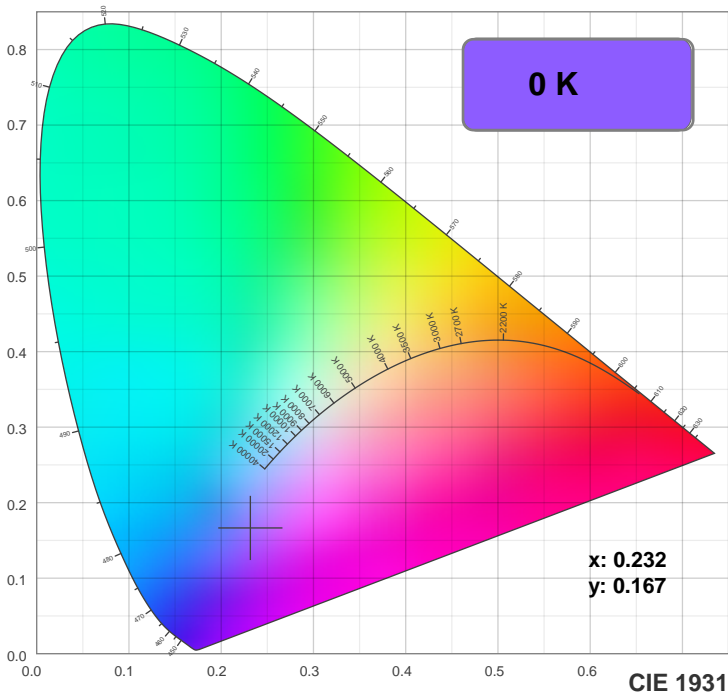
Dominant Wavelength: 450nm



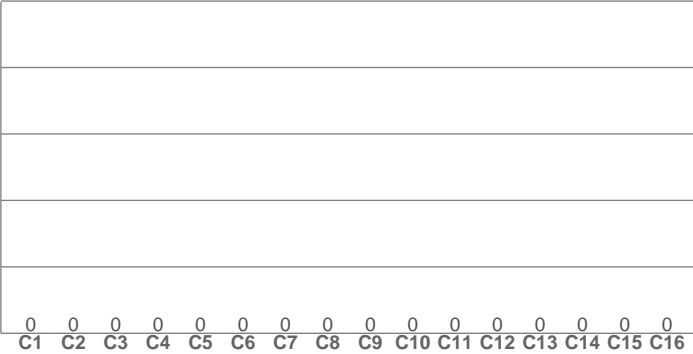
Power



Color Details



TM30: 0.0



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

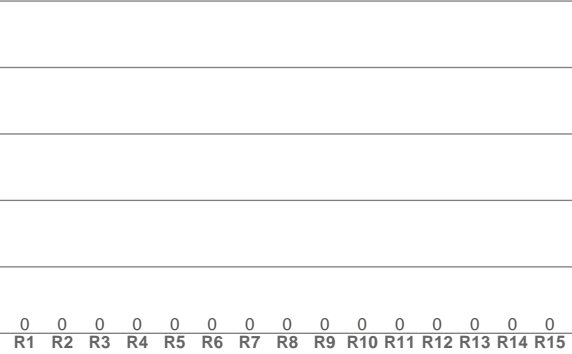
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

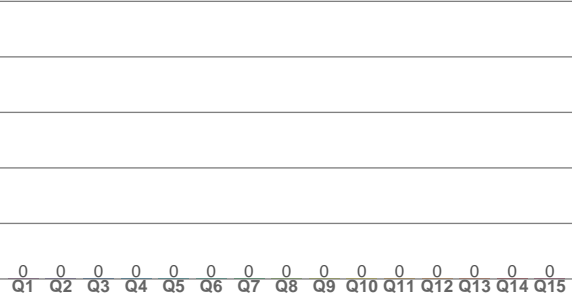
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CRI: 0.0 (R1-R8)



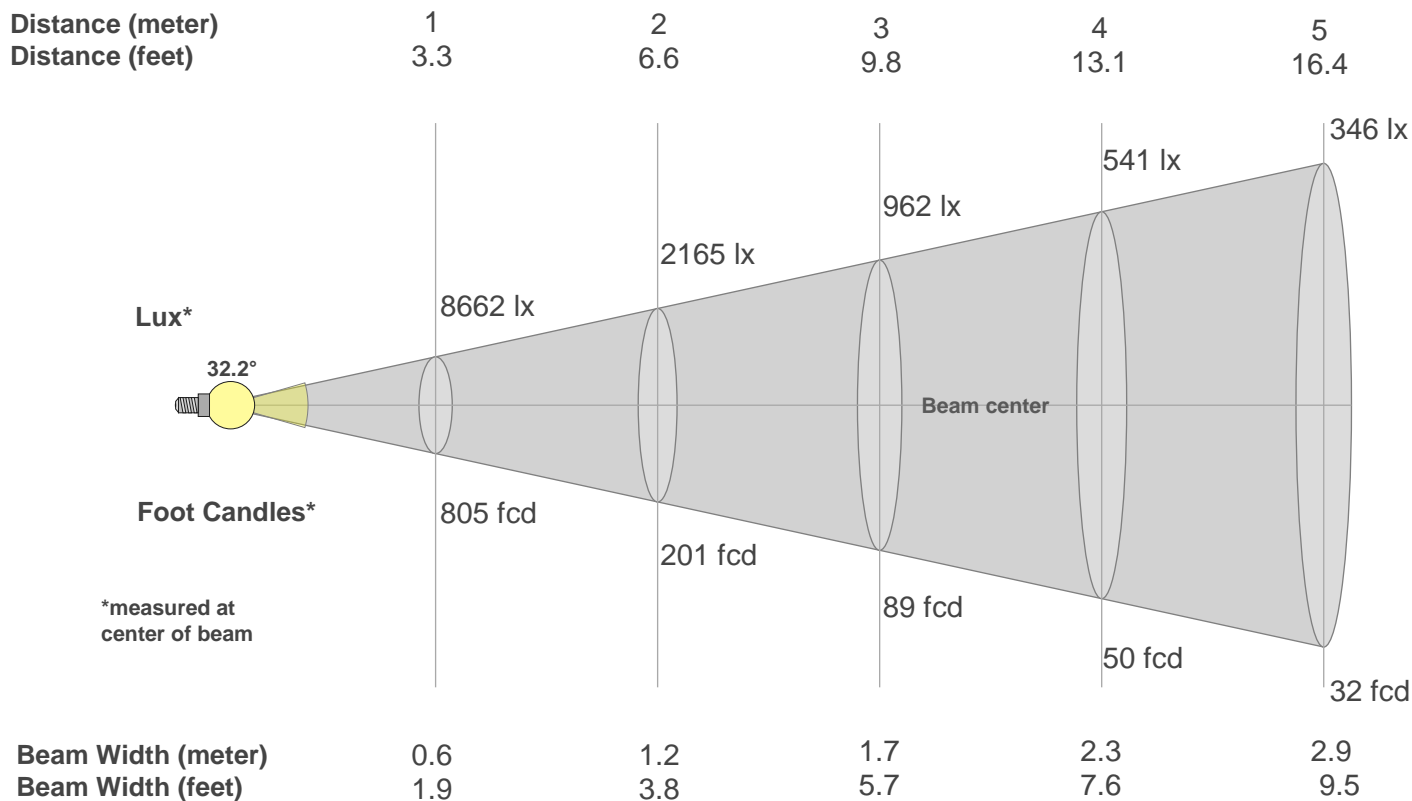
CQS: 0.0



Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.232	0.167	0.204	0.220	n/a

Beam Details



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	8662	2165	962	541	346	241	177	135	107	87	72	60	51	44	38	34	30	27	24	22
fcd	804.7	201.2	89.4	50.3	32.2	22.4	16.4	12.6	9.9	8	6.7	5.6	4.8	4.1	3.6	3.1	2.8	2.5	2.2	2

Intensities in 0° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8662	8725	8524	8162	7726	7158	6413	5483	4433	3353	2327	1477	887	518	268	106	27	7	3	2
100%	101%	98%	94%	89%	83%	74%	63%	51%	39%	27%	17%	10%	6%	3%	1%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8662	8725	8524	8162	7726	7158	6413	5483	4433	3353	2327	1477	887	518	268	106	27	7	3	2
100%	101%	98%	94%	89%	83%	74%	63%	51%	39%	27%	17%	10%	6%	3%	1%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8662	8486	8348	8131	7722	7146	6406	5476	4432	3366	2338	1487	897	523	268	103	25	6	3	2
100%	98%	96%	94%	89%	82%	74%	63%	51%	39%	27%	17%	10%	6%	3%	1%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8662	8486	8348	8131	7722	7146	6406	5476	4432	3366	2338	1487	897	523	268	103	25	6	3	2
100%	98%	96%	94%	89%	82%	74%	63%	51%	39%	27%	17%	10%	6%	3%	1%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
32.2°	48.1°	56.9°	99.9%	99.9%