

Hydro Wash X19



Light Efficiency:

7 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

0 K

Output: 6019 lm

Peak: 476720 cd

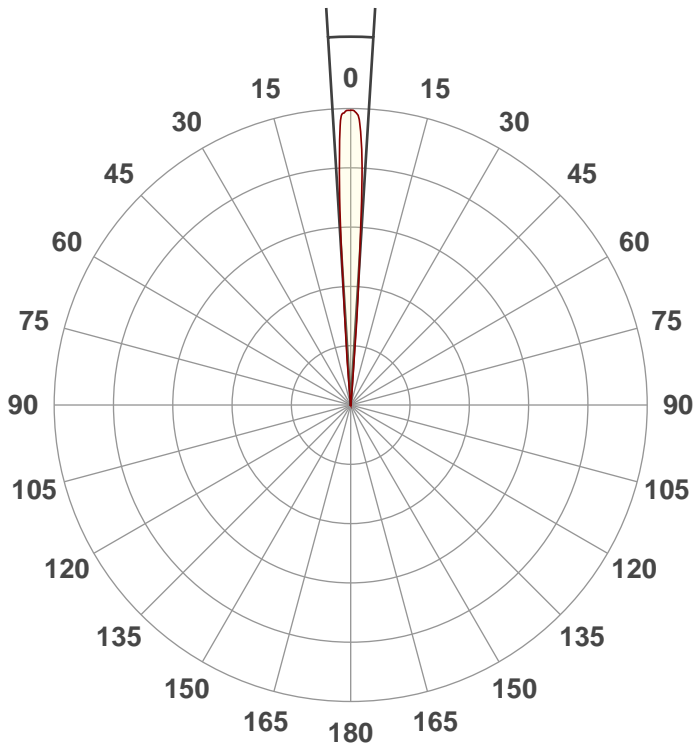
Power: 889.9 W

PF: 1.0



Beam Angle

7.1°



Test:

Zoom In Full On

Date:

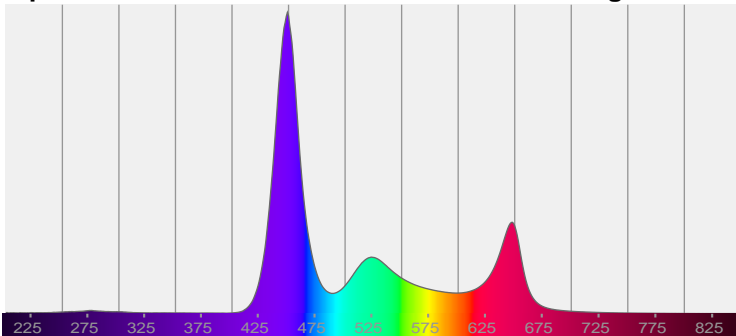
7/14/2021

Note:

CIE 1931
x: 0.230
y: 0.169

Spectra

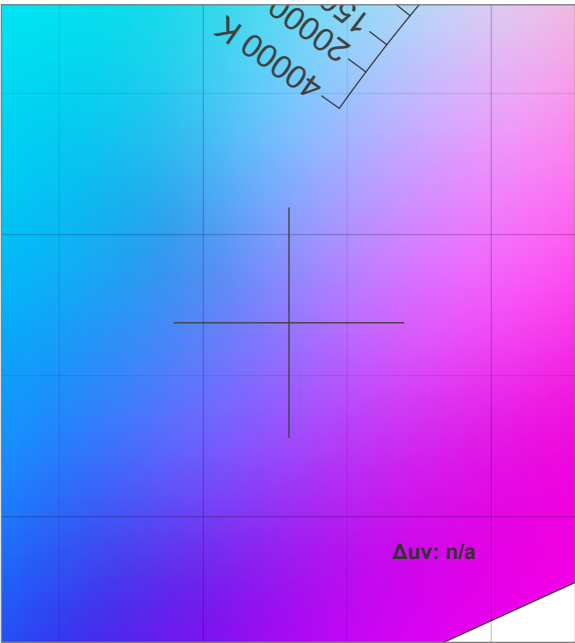
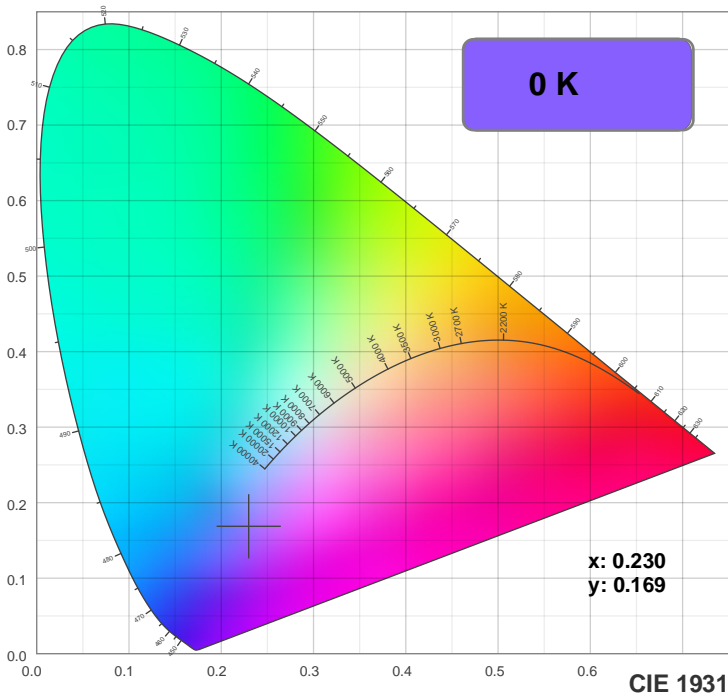
Dominant Wavelength: 453nm



Power

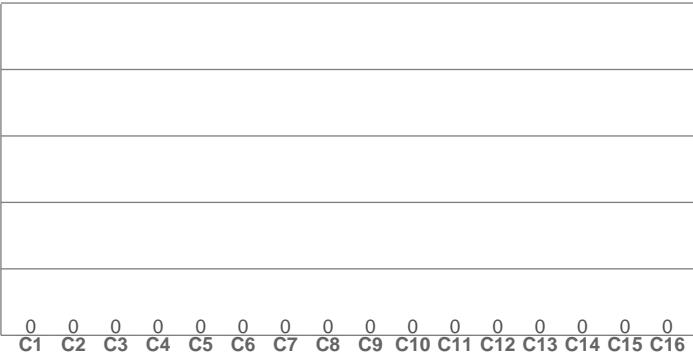
Voltage: 119 V
Current: 7.51 A
Frequency: 0 Hz

Color Details



CIE 1931 ZOOM

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

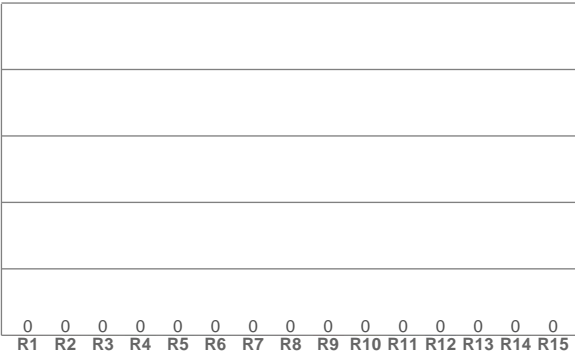
TM30 C values, 16 binned values out of total of 99 C values

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

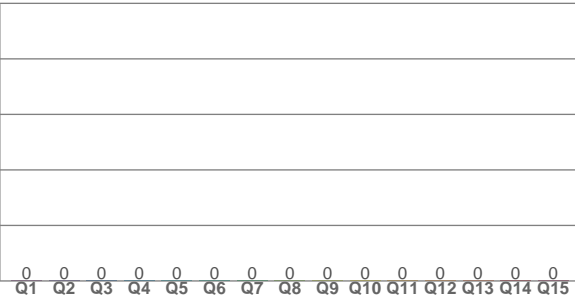
CQS Q values

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)



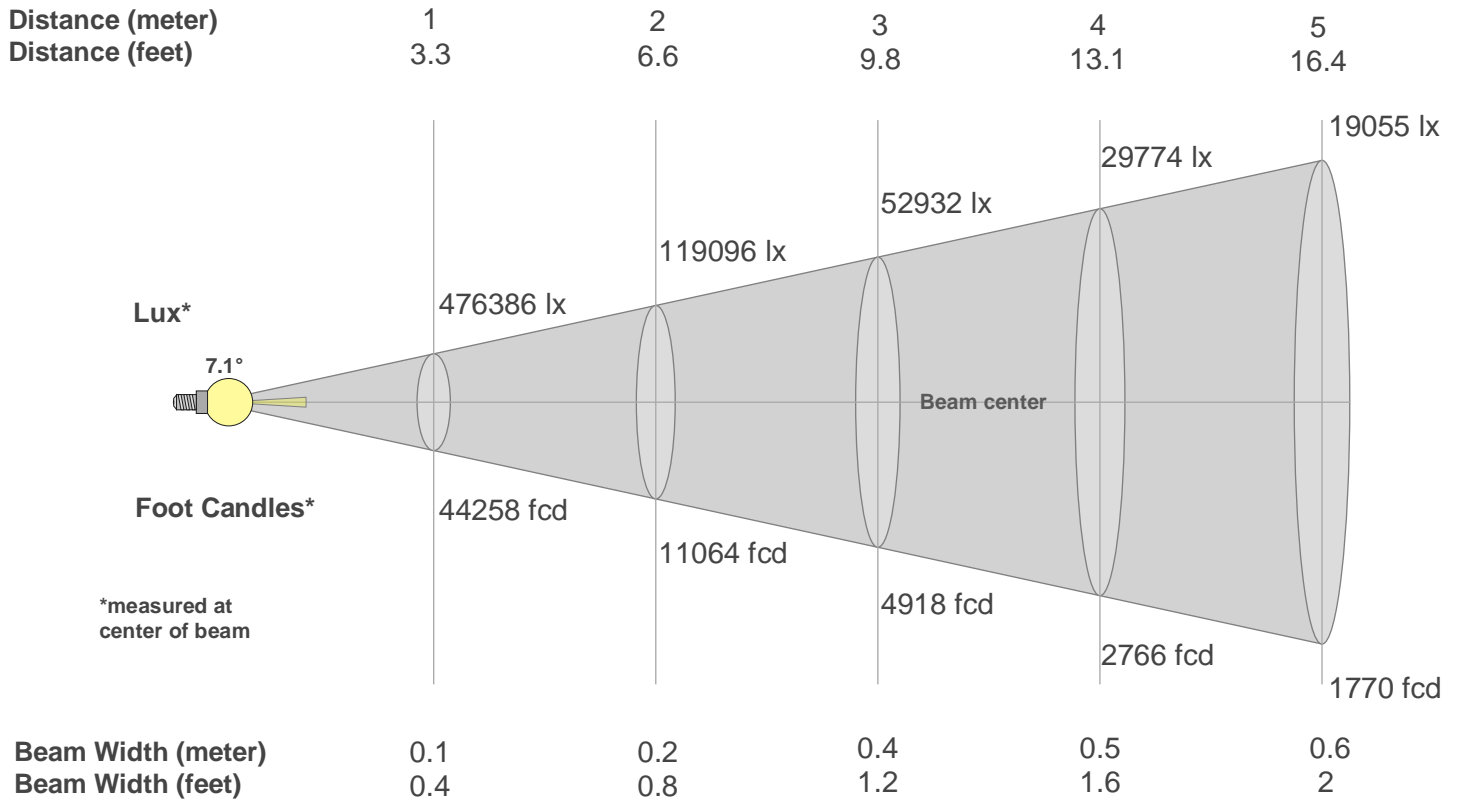
CQS: 0.0



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 Diviation 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	0.230	0.169	0.201	0.222	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	476386	119096	52932	29774	19055	13233	9722	7444	5881	4764	3937	3308	2819	2431	2117	1861	1648	1470	1320	1191
fcd	44257.6	11064.4	4917.5	2766.1	1770.3	1229.4	903.2	691.5	546.4	442.6	365.8	307.3	261.9	225.8	196.7	172.9	153.1	136.6	122.6	110.6

Intensities in 0° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
476K	474K	455K	337K	139K	28K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	96%	71%	29%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
476K	474K	455K	337K	139K	28K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	96%	71%	29%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
476K	472K	442K	339K	155K	26K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	93%	71%	32%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
476K	472K	442K	339K	155K	26K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	93%	71%	32%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
7.1°	9.5°	10.7°	100.0%	100.0%