

Vizi Wash Z19



Light Efficiency:

23 Lumen/Watt

Light Quality:

CRI: 69.3

Color Temperature:

6822 K

Output: 1960 lm

Peak: 122100 cd

Power: 84.2 W

PF: 0.99



Beam Angle

7.7°

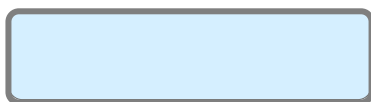
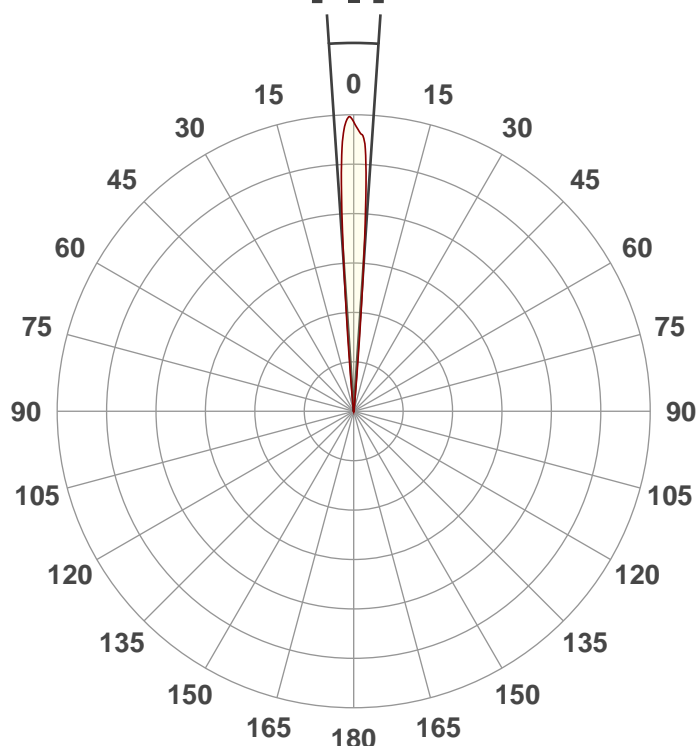
Test:

Zoom In White

Date:

8/29/2019

Note:



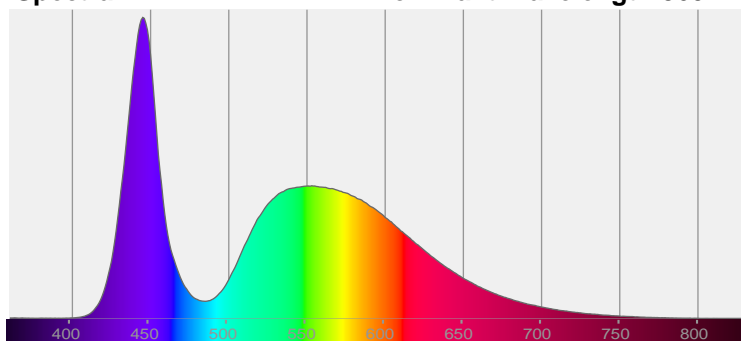
CIE 1931

x: 0.310

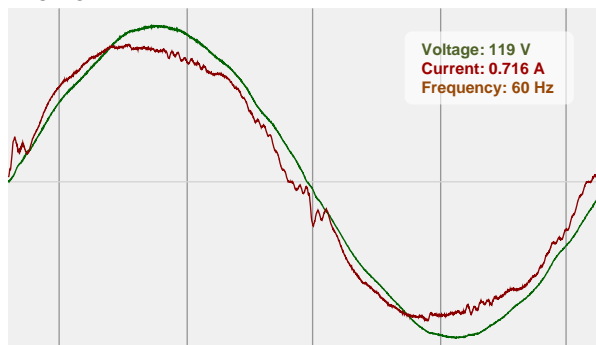
y: 0.313

Spectra

Dominant Wavelength: 360nm

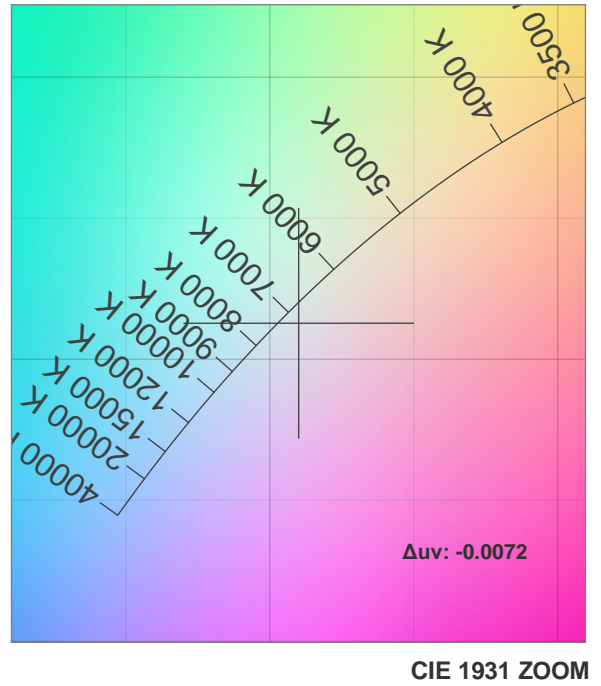
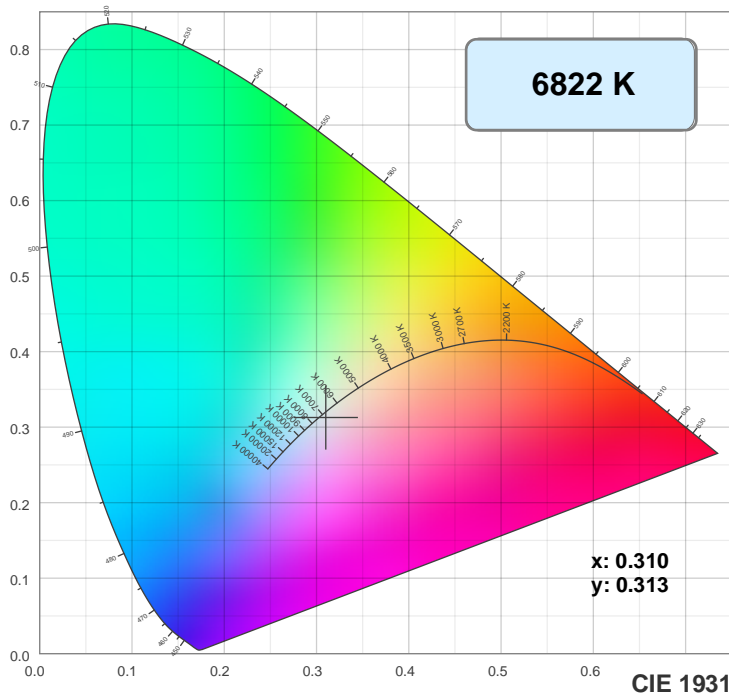


Power

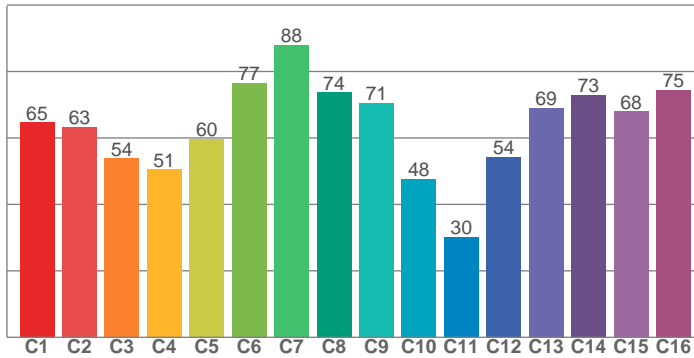


Voltage: 119 V
Current: 0.716 A
Frequency: 60 Hz

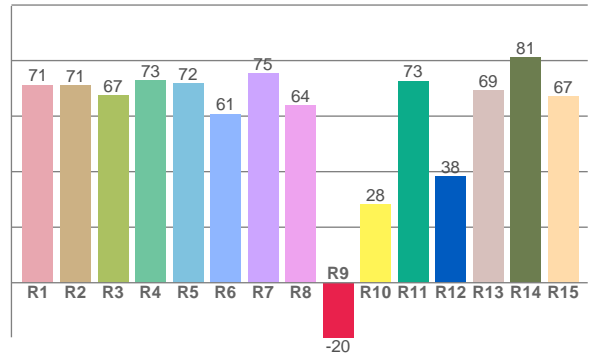
Color Details



TM30: 62.8



CRI: 69.3 (R1-R8)



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
71.3	71.1	67.4	72.8	71.9	60.8	75.4	63.9	-19.6	28.4	72.7	38.5	69.4	81.2	67.2

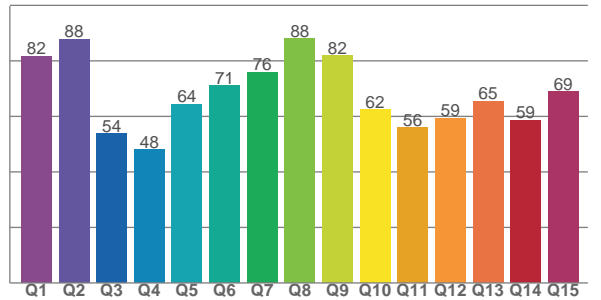
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
64.8	63.4	53.9	50.6	59.7	76.5	87.9	73.6	70.5	47.6	30.2	54.2	69.0	72.9	68.0	74.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.6	87.8	53.9	48.0	64.4	71.0	75.9	88.0	81.9	62.3	55.9	59.4	65.5	58.7	69.0

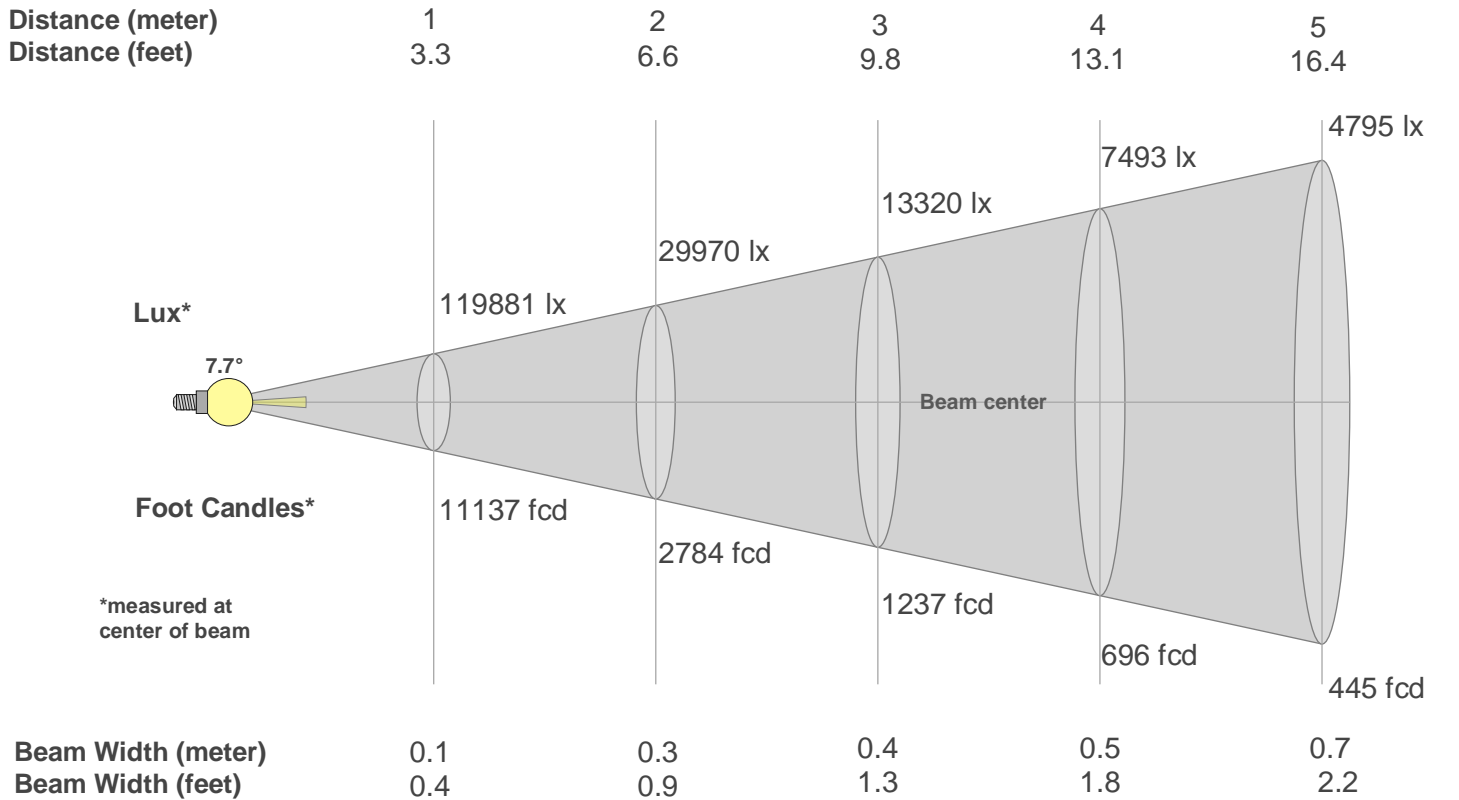
CQS: 66.0



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
6822 K	69.3	-19.6	62.8	96.6	66.0	0.310	0.313	0.202	0.306	-0.0072

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	119881	29970	13320	7493	4795	3330	2447	1873	1480	1199	991	833	709	612	533	468	415	370	332	300
fcd	11137.3	2784.3	1237.5	696.1	445.5	309.4	227.3	174	137.5	111.4	92	77.3	65.9	56.8	49.5	43.5	38.5	34.4	30.9	27.8

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°
120K	122K	116K	97K	54K	18K	5K	2K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	101%	97%	81%	45%	15%	4%	2%	1%	1%	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°
120K	122K	116K	97K	54K	18K	5K	2K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	101%	97%	81%	45%	15%	4%	2%	1%	1%	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°
120K	116K	114K	97K	54K	17K	5K	3K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	95%	81%	45%	14%	4%	2%	1%	1%	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°
120K	116K	114K	97K	54K	17K	5K	3K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	95%	81%	45%	14%	4%	2%	1%	1%	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
7.7°	10.5°	13.3°	99.9%	99.9%