Vizi Wash Z37

Light Efficiency:

18 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

0 K

Output: 9075 lm

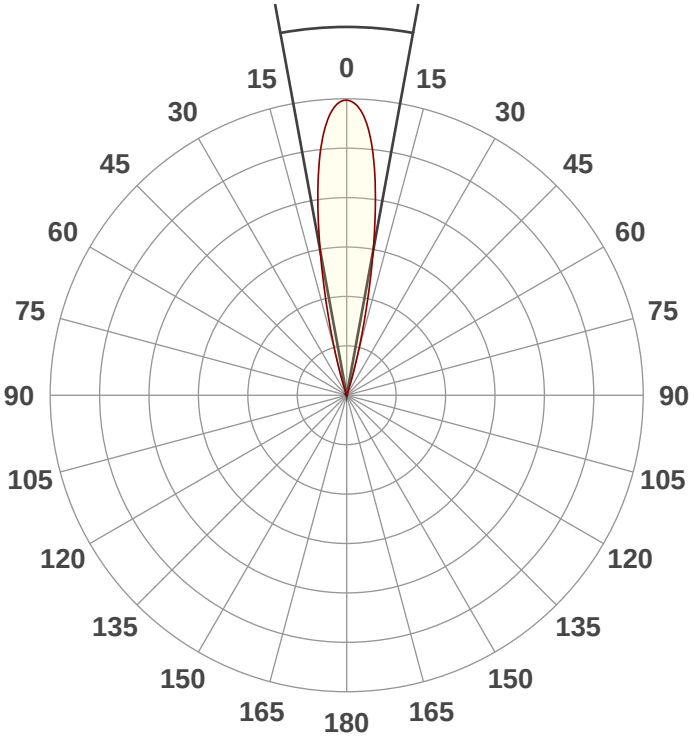
Peak: 75304 cd

Power: 507 W

PF: 1.0



Beam Angle 20.7°



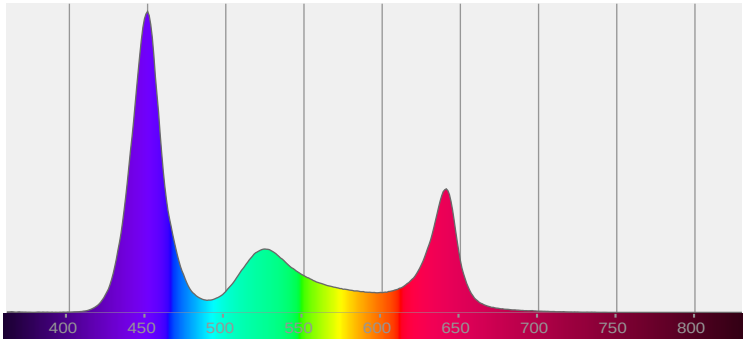
Test:
Zoom 50% Full On

Date:
8/30/2019

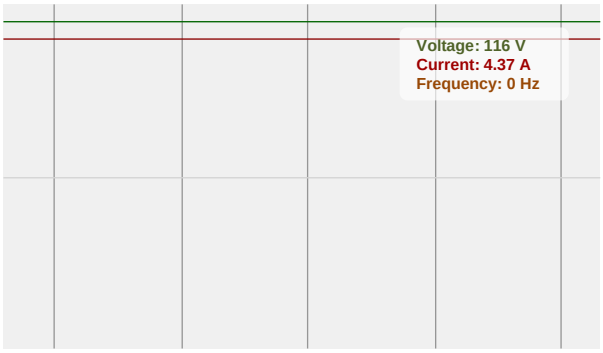
Note:

CIE 1931
x: 0.245
y: 0.185

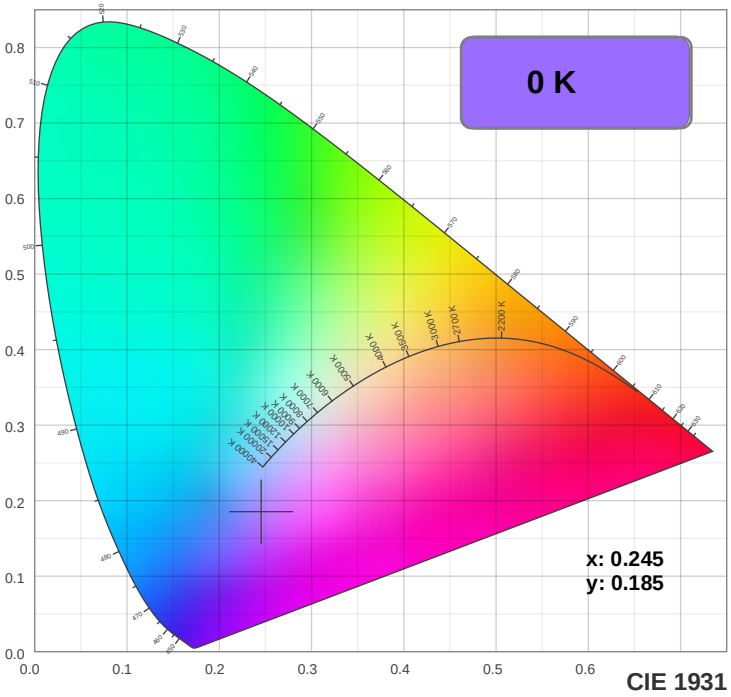
Spectra **Dominant Wavelength:441nm**



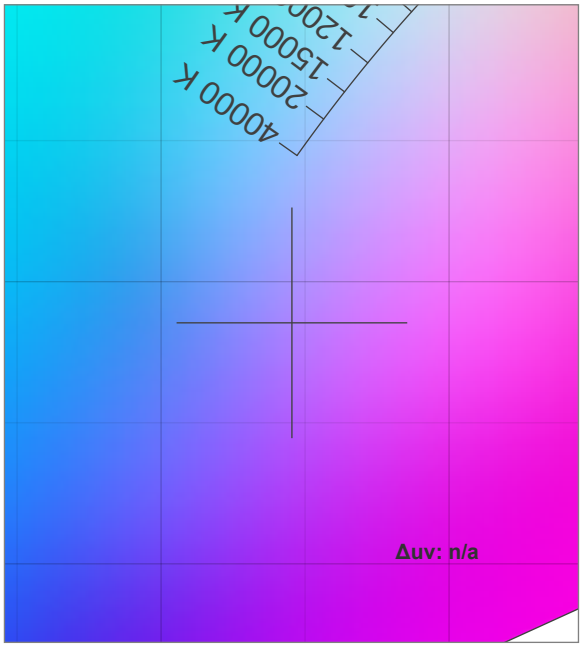
Power



Color Details

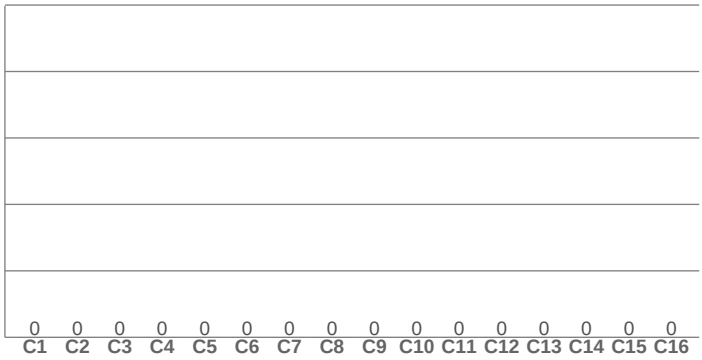


CIE 1931

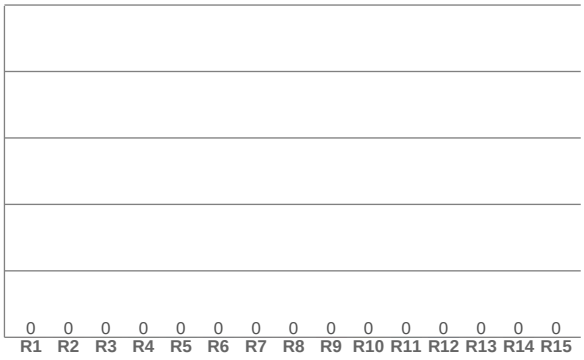


CIE 1931 ZOOM

TM30: 0.0



CRI: 0.0 (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
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

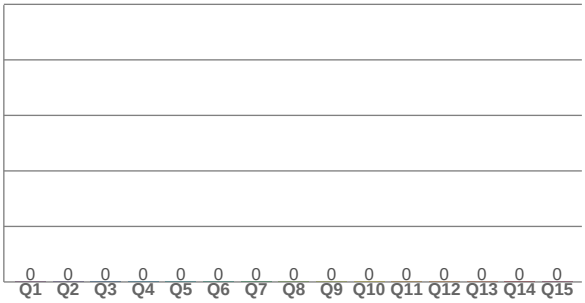
TM30 C values, 16 binned values out of total of 99 C values

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

CQS: 0.0

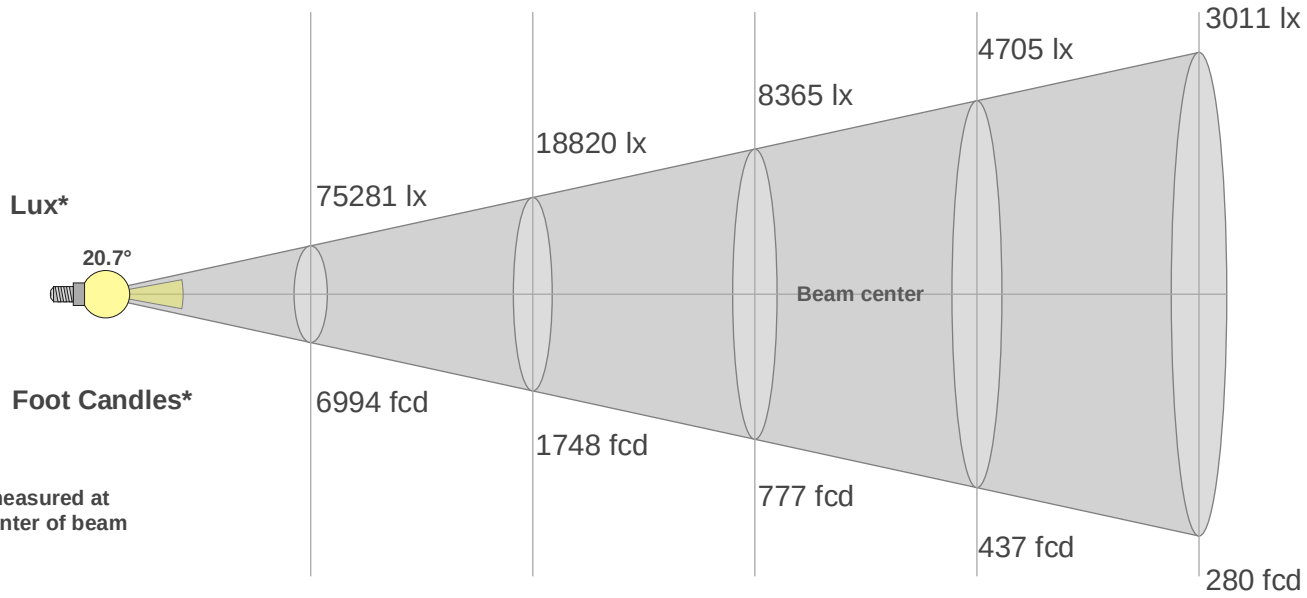


Color Parameters

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	0.245	0.185	0.207	0.235	n/a

Beam Details

Distance (meter)	1	2	3	4	5
Distance (feet)	3.3	6.6	9.8	13.1	16.4



Beam Width (meter)	0.4	0.7	1.1	1.5	1.8
Beam Width (feet)	1.2	2.4	3.6	4.8	6

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	75281	18820	8365	4705	3011	2091	1536	1176	929	753	622	523	445	384	335	294	260	232	209	188
fcd	6993.9	1748.5	777.1	437.1	279.8	194.3	142.7	109.3	86.3	69.9	57.8	48.6	41.4	35.7	31.1	27.3	24.2	21.6	19.4	17.5

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°
75.3K	75.1K	74.2K	72.6K	70.3K	67.3K	63.2K	58.3K	52.8K	46.7K	40.1K	33.5K	27.2K	21.2K	16.1K	11.6K	7.8K	5.0K	2.9K	1.4K
100%	100%	99%	96%	93%	89%	84%	78%	70%	62%	53%	45%	36%	28%	21%	15%	10%	7%	4%	2%

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°
75.3K	75.1K	74.2K	72.6K	70.3K	67.3K	63.2K	58.3K	52.8K	46.7K	40.1K	33.5K	27.2K	21.2K	16.1K	11.6K	7.8K	5.0K	2.9K	1.4K
100%	100%	99%	96%	93%	89%	84%	78%	70%	62%	53%	45%	36%	28%	21%	15%	10%	7%	4%	2%

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°
75.3K	74.9K	74.0K	72.5K	70.0K	66.9K	63.0K	58.1K	52.5K	46.5K	40.0K	33.6K	27.4K	21.4K	16.0K	11.6K	7.9K	5.0K	2.7K	1.3K
100%	100%	98%	96%	93%	89%	84%	77%	70%	62%	53%	45%	36%	28%	21%	15%	11%	7%	4%	2%

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°
75.3K	74.9K	74.0K	72.5K	70.0K	66.9K	63.0K	58.1K	52.5K	46.5K	40.0K	33.6K	27.4K	21.4K	16.0K	11.6K	7.9K	5.0K	2.7K	1.3K
100%	100%	98%	96%	93%	89%	84%	77%	70%	62%	53%	45%	36%	28%	21%	15%	11%	7%	4%	2%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
20.7°	**32.2°**	**37.1°**	**99.9%**	**99.8%**