

# Vizi Wash Z37



Light Efficiency:

24 Lumen/Watt

Light Quality:

CRI: 69.4

Color Temperature:

7283 K

Output: 3672 lm

Peak: 204855 cd

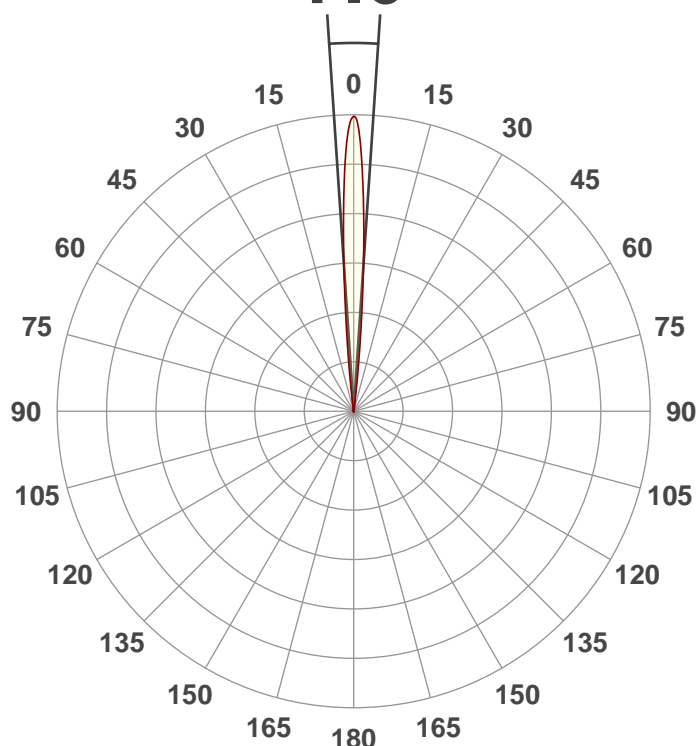
Power: 154.4 W

PF: 0.91



Beam Angle

7.6°



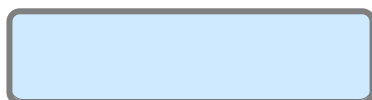
Test:

Zoom In White

Date:

8/30/2019

Note:



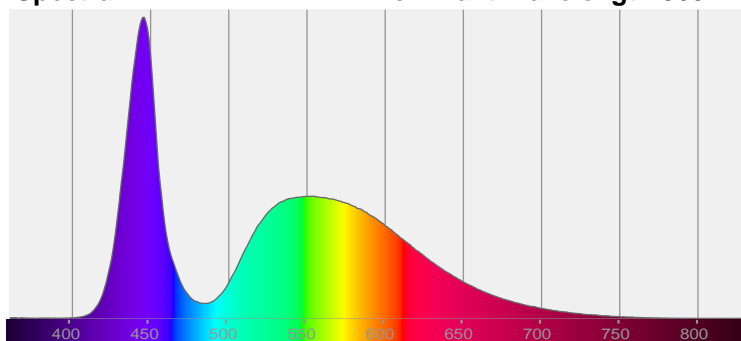
CIE 1931

x: 0.305

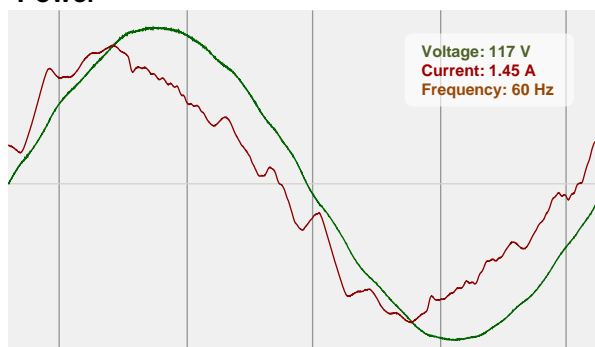
y: 0.304

Spectra

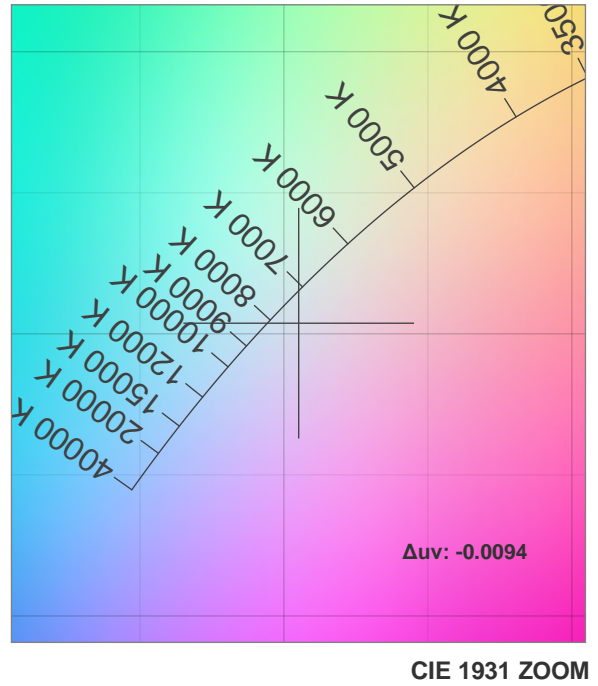
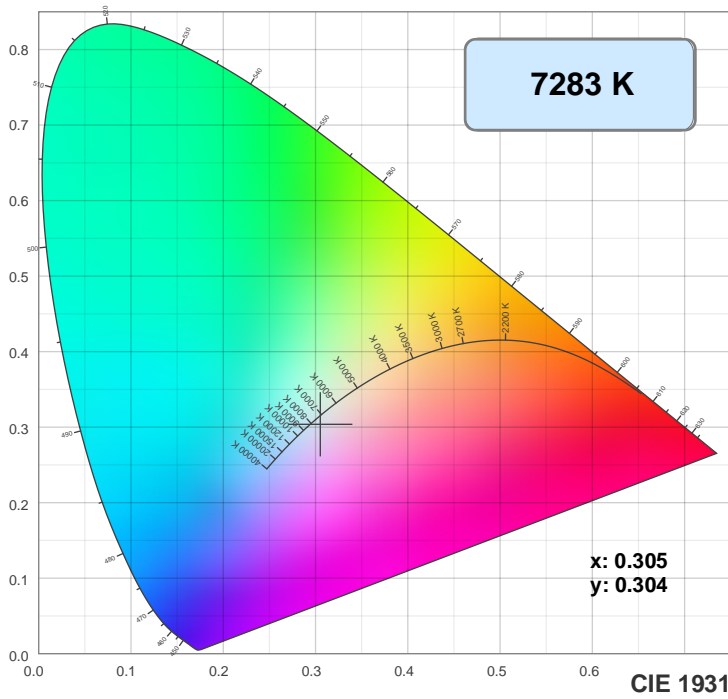
Dominant Wavelength: 360nm



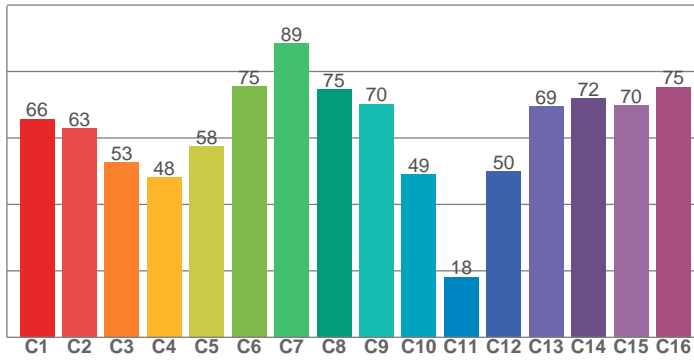
Power



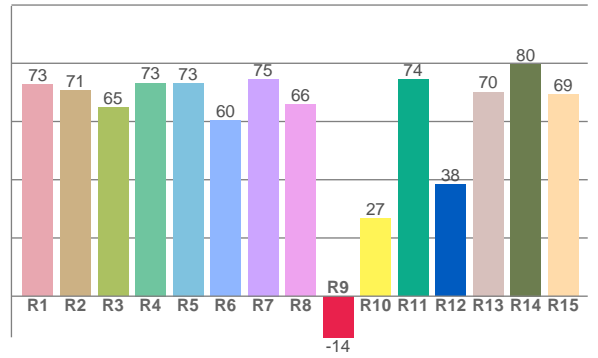
## Color Details



TM30: 61.7



CRI: 69.4 (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
72.7	70.7	64.9	73.3	73.2	60.3	74.6	65.8	-14.1	26.6	74.5	38.5	70.2	79.7	69.2

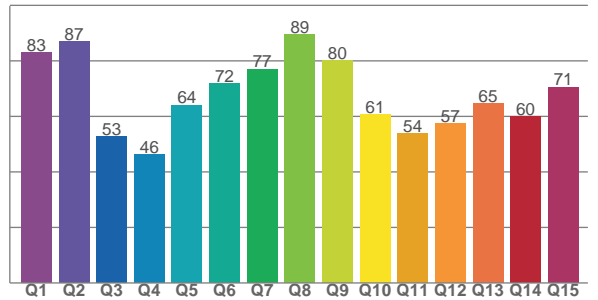
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
65.8	62.9	52.6	48.1	57.5	75.4	88.5	74.5	70.2	49.0	18.1	49.9	69.4	71.9	69.8	75.3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82.9	86.8	52.8	46.2	64.0	71.8	77.0	89.4	80.0	60.5	53.7	57.5	64.5	59.9	70.5

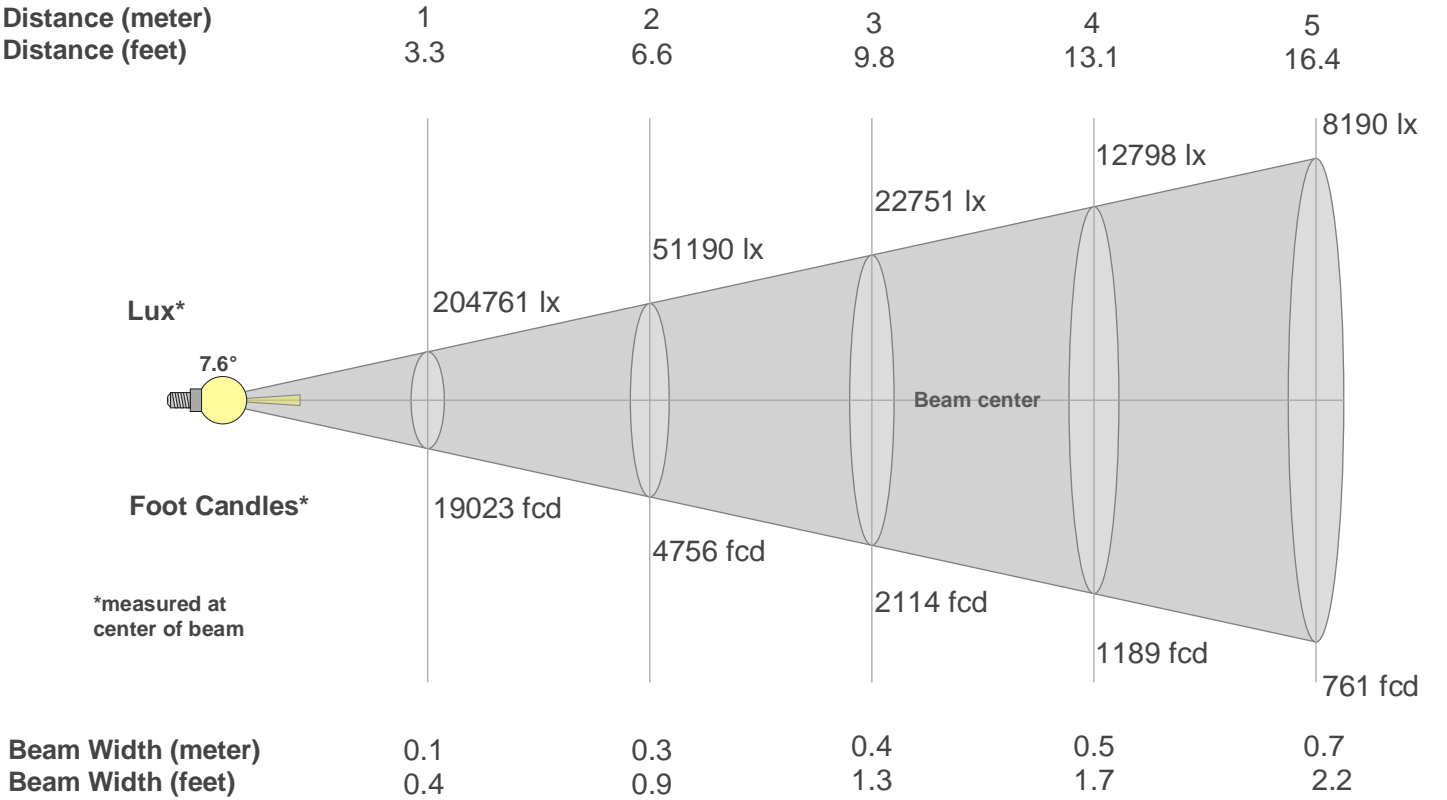
CQS: 65.4



## 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	$\Delta uv$
7283 K	69.4	-14.1	61.7	96.9	65.4	0.305	0.304	0.202	0.302	-0.0094

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	204761	51190	22751	12798	8190	5688	4179	3199	2528	2048	1692	1422	1212	1045	910	800	709	632	567	512
fcd	19022.9	4755.7	2113.7	1188.9	760.9	528.4	388.2	297.2	234.9	190.2	157.2	132.1	112.6	97.1	84.5	74.3	65.8	58.7	52.7	47.6

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°
205K	196K	172K	135K	95K	58K	31K	11K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	96%	84%	66%	46%	29%	15%	6%	1%	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°
205K	196K	172K	135K	95K	58K	31K	11K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	96%	84%	66%	46%	29%	15%	6%	1%	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°
205K	196K	169K	134K	95K	59K	31K	11K	3K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	96%	82%	65%	47%	29%	15%	6%	1%	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°
205K	196K	169K	134K	95K	59K	31K	11K	3K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	96%	82%	65%	47%	29%	15%	6%	1%	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
7.6°	12.9°	15.2°	99.9%	99.8%