



Light Efficiency:

21 Lumen/Watt

Light Quality:

CRI: 74.0

Color Temperature:

7771 K

Output: 8053 lm

Peak: 917471 cd

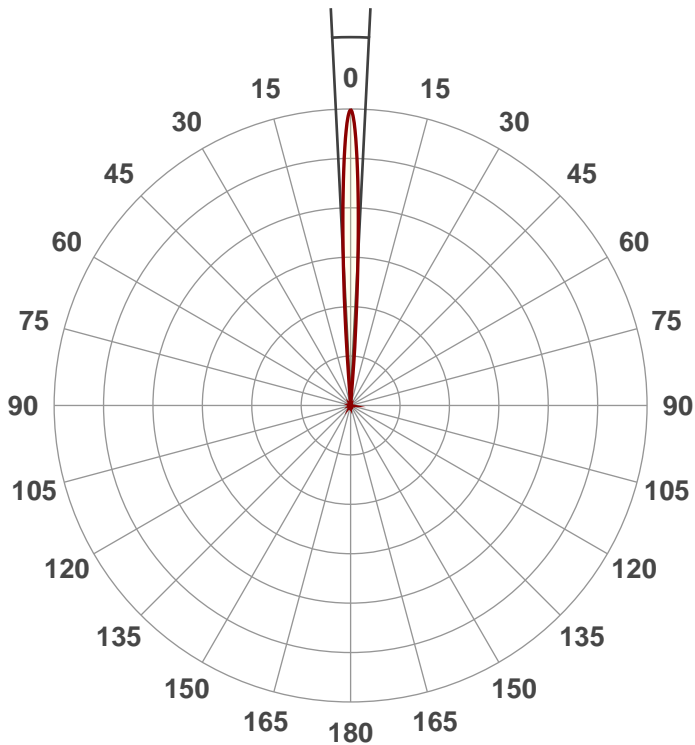
Power: 380 W

PF: 1.0



Beam Angle

5.7°

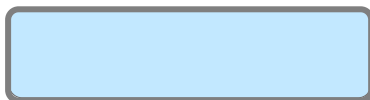


Product Name:
VIZI 300CMY

Test:
Zoom In

Date:
1/17/2018

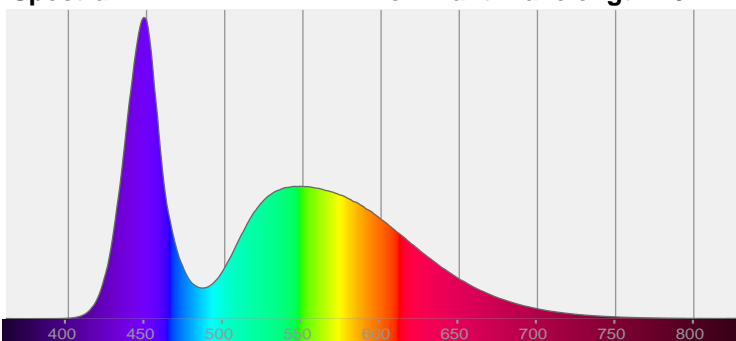
Note:



CIE 1931
x: 0.299
y: 0.303

Spectra

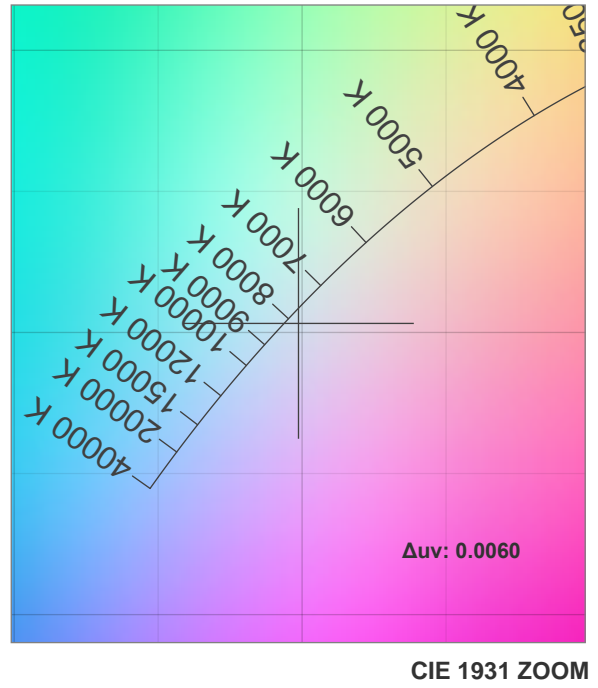
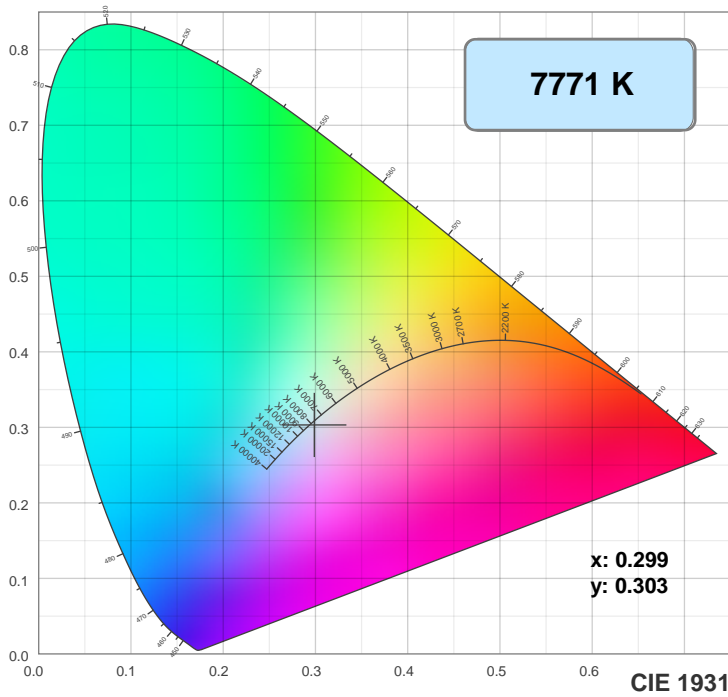
Dominant Wavelength: 457nm



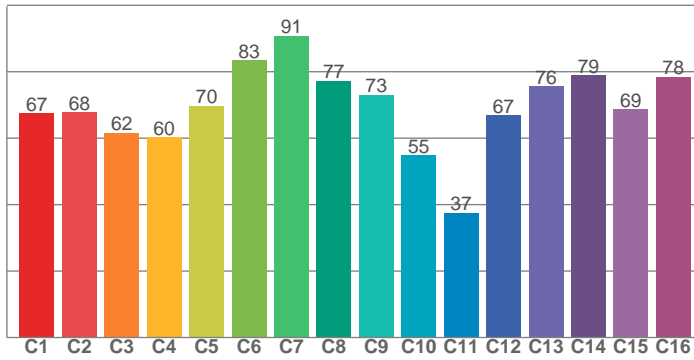
Power

Voltage: 116 V					
Current: 3.27 A					
Frequency: 0 Hz					

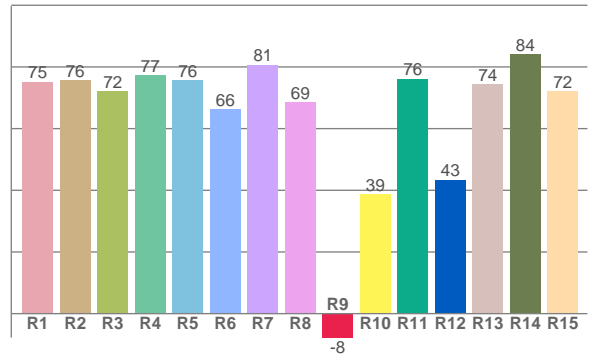
Color Details



TM30: 68.5



CRI: 74.0 (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
75.2	75.8	72.1	77.3	75.6	66.4	80.7	68.7	-7.7	38.7	76.1	43.4	74.3	84.0	72.2

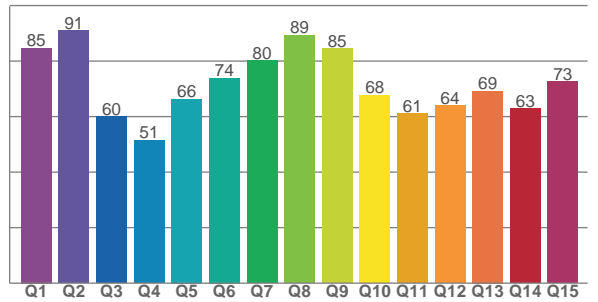
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67.5	67.8	61.6	60.3	69.7	83.4	90.8	77.3	73.1	54.8	37.4	66.8	75.6	78.9	68.7	78.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84.7	90.9	60.0	51.4	66.3	73.9	80.2	89.3	84.6	67.7	61.1	64.0	69.3	62.9	72.7

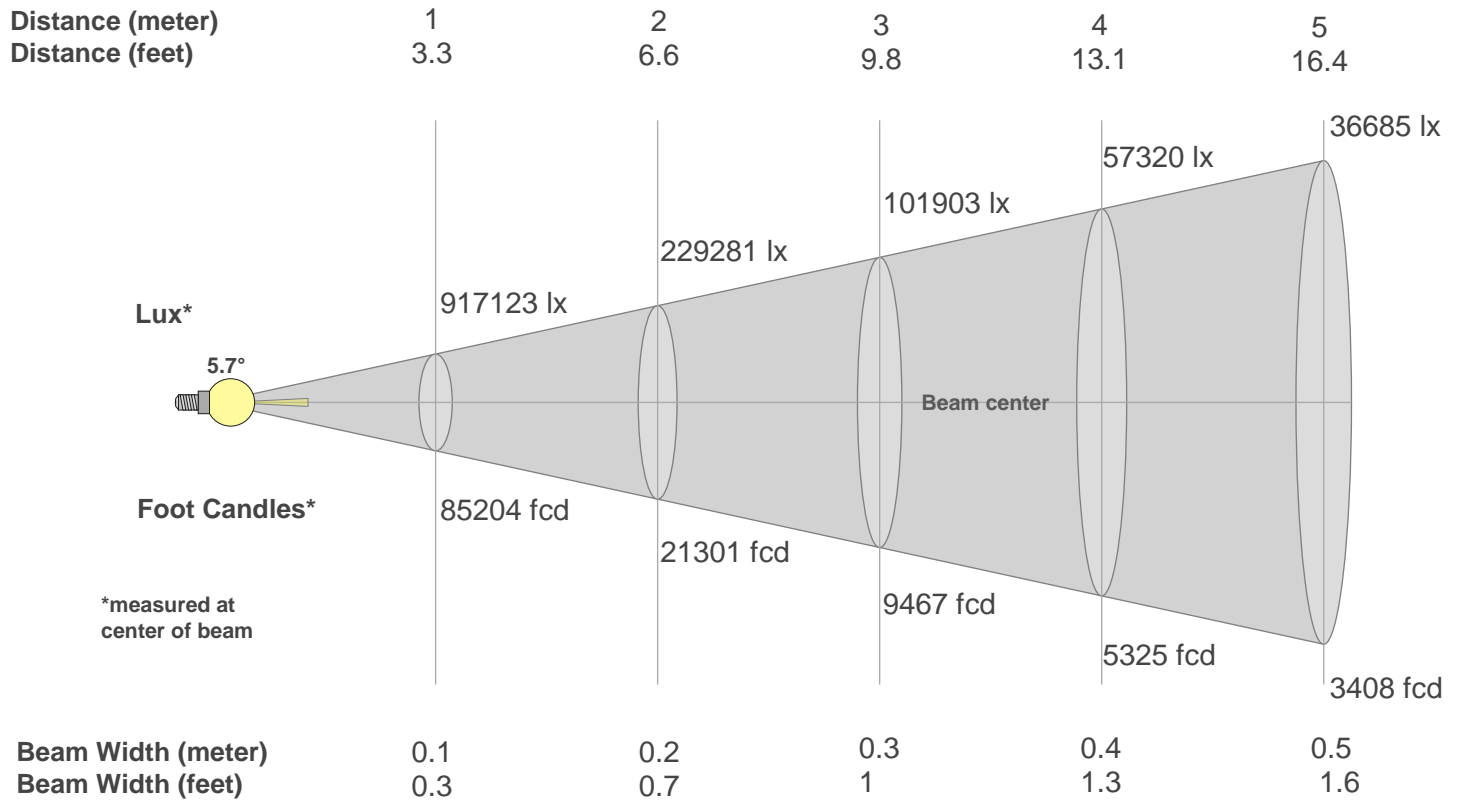
CQS: 69.7



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
7771 K	74.0	-7.7	68.5	95.4	69.7	0.299	0.303	0.198	0.301	0.0060

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	917123	229281	101903	57320	36685	25476	18717	14330	11323	9171	7580	6369	5427	4679	4076	3583	3173	2831	2541	2293
fcd	85203.5	21300.9	9467.1	5325.2	3408.1	2366.8	1738.8	1331.3	1051.9	852	704.2	591.7	504.2	434.7	378.7	332.8	294.8	263	236	213

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°
917K	845K	664K	421K	103K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	92%	72%	46%	11%	0%	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°
917K	845K	664K	421K	103K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	92%	72%	46%	11%	0%	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°
917K	845K	665K	424K	188K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	92%	72%	46%	20%	0%	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°
917K	845K	665K	424K	188K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	92%	72%	46%	20%	0%	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
5.7°	8.4°	8.8°	99.0%	98.7%