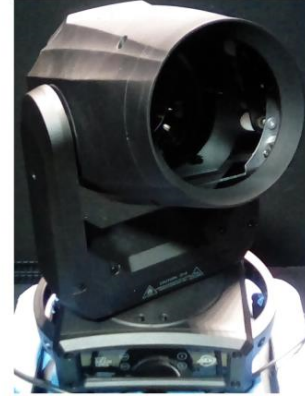


Vizi Beam 12RX



Light Efficiency:



Output: 9406 lm

Light Quality:



Peak: 29141777

Color Temperature:

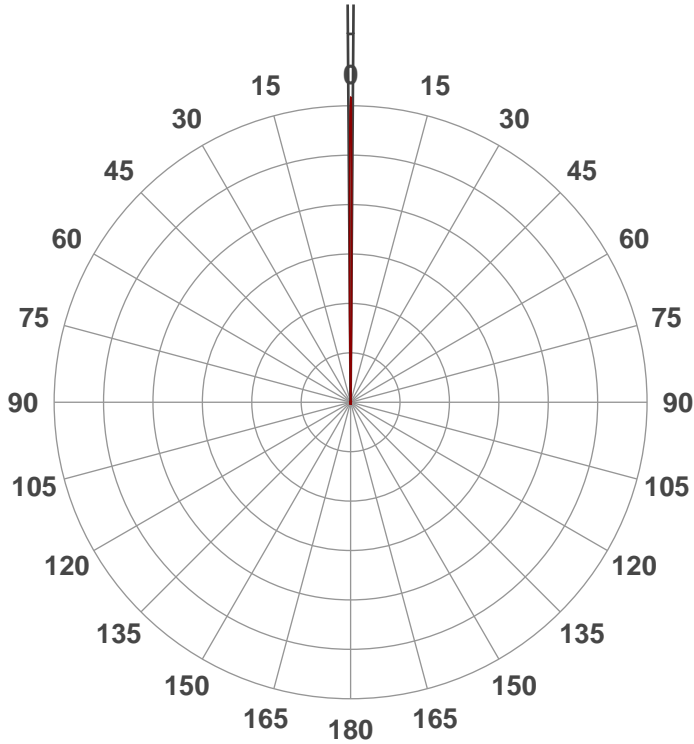


Power: 337 W

PF: 1.0

Beam Angle

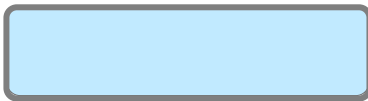
8°



Test:

Date: 2/6/2020

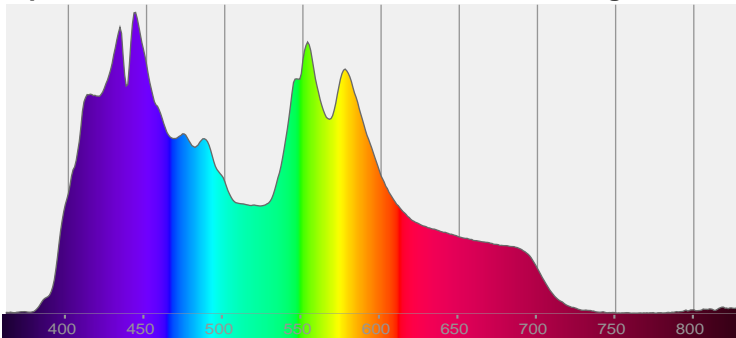
Note:



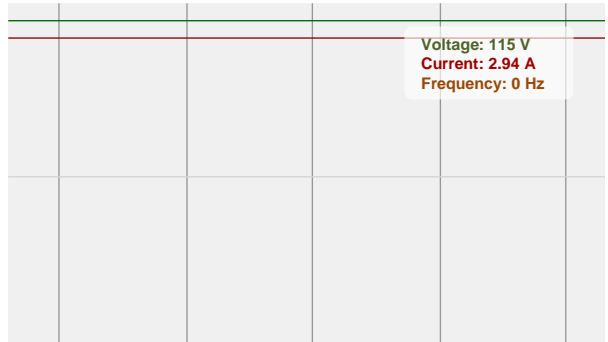
CIE 1931
x: 0.300
y: 0.307

Spectra

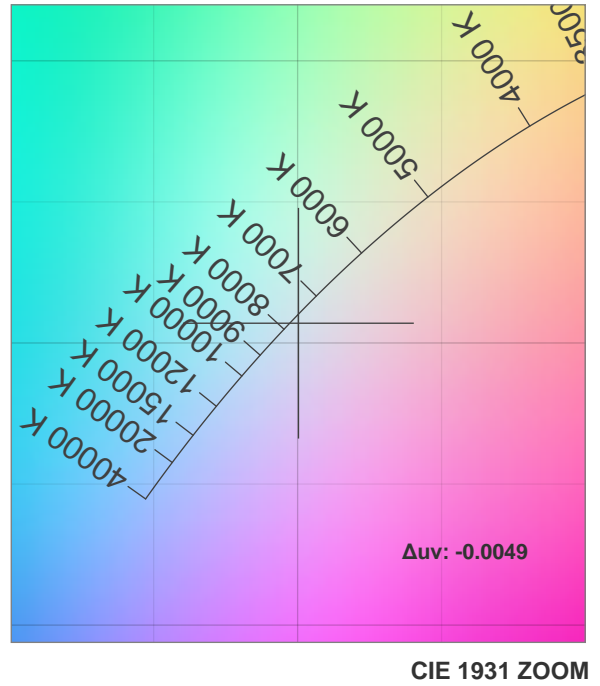
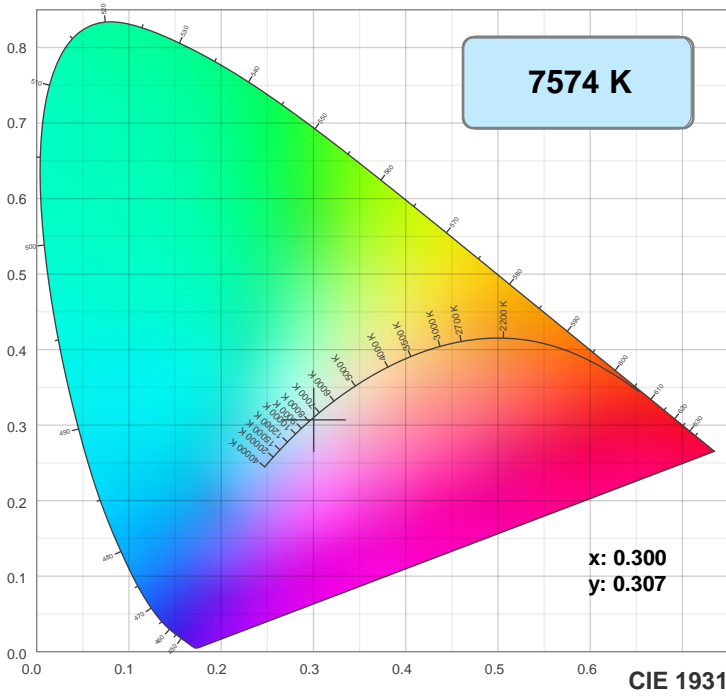
Dominant Wavelength: 460nm



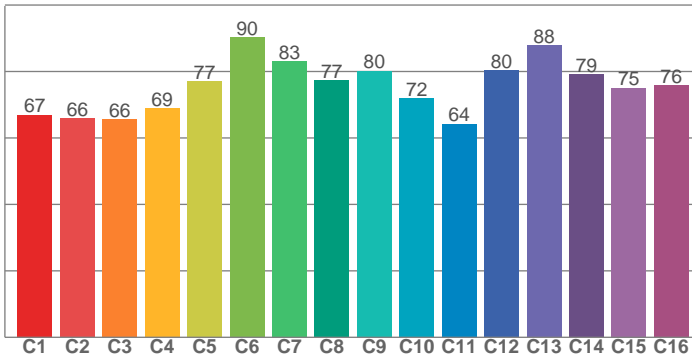
Power



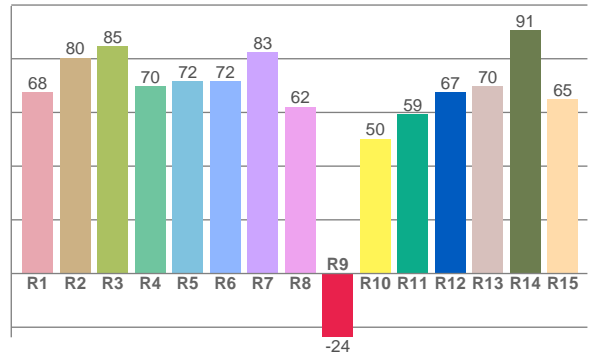
Color Details



TM30: 75.6



CRI: 73.8 (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
67.5	80.3	84.8	69.9	71.6	71.6	82.5	62.1	-23.8	50.3	59.3	67.5	69.8	90.6	64.8

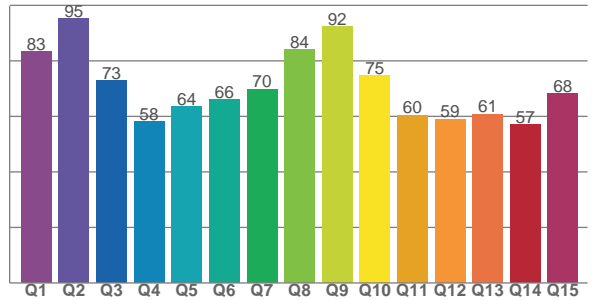
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67.0	65.9	65.6	69.0	77.1	90.2	83.1	77.3	80.2	71.9	64.2	80.3	87.8	79.1	75.1	75.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83.3	95.1	72.8	58.1	63.5	65.9	69.8	84.0	92.4	74.7	60.4	58.9	60.8	57.0	68.1

CQS: 68.6



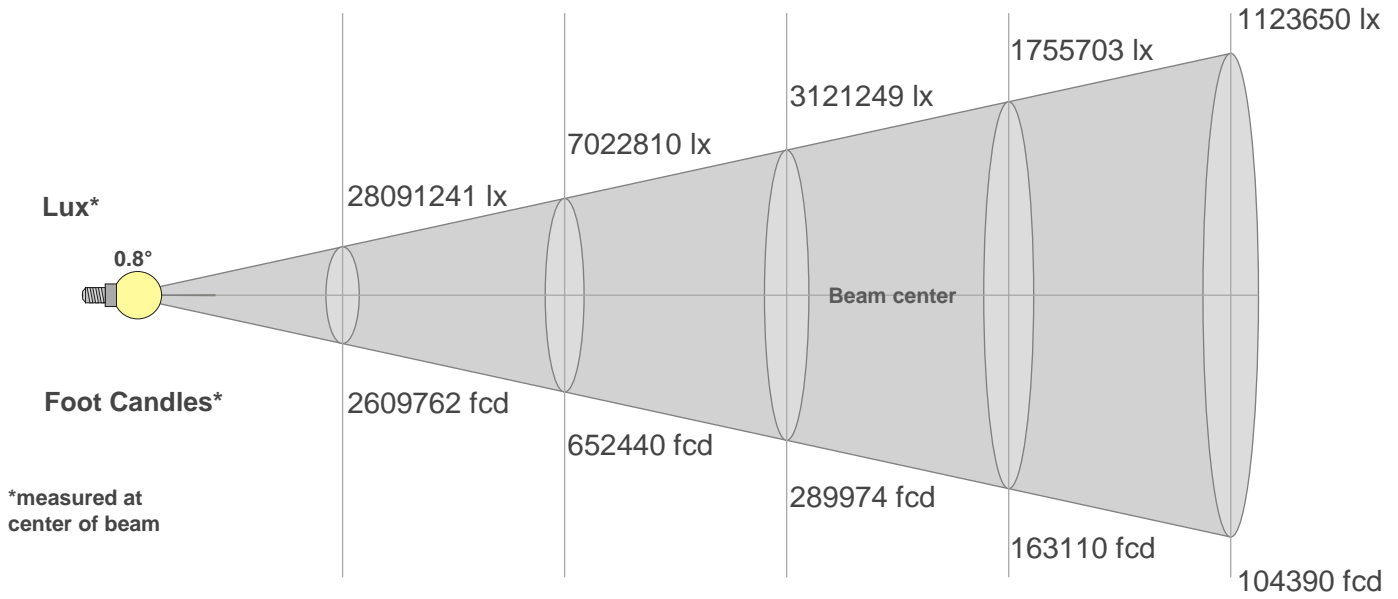
Color Parameters

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
7574 K	73.8	-23.8	75.6	90.4	68.6	0.300	0.307	0.197	0.303	-0.0049

Beam Details

Distance (meter)
Distance (feet)

1 2 3 4 5
3.3 6.6 9.8 13.1 16.4



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	28091241	7022810	3121249	1755703	1123650	780312	573291	438926	346805	280912	232159	195078	166220	143323	124850	109731	97202	86701	77815	70228
fcd	2609762	652440	289973	163110	104390	72493.4	53260.4	40777.5	32219.3	26097.6	21568.3	18123.3	15442.4	13315.1	11598.9	10194.4	9030.3	8054.8	7229.3	6524.4

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°	
28M	1M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M
100%	4%	0%	0%	0%	0%	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°	
28M	1M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M
100%	4%	0%	0%	0%	0%	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°	
28M	1M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M
100%	4%	0%	0%	0%	0%	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°	
28M	1M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M	0M
100%	4%	0%	0%	0%	0%	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
0.8°	1.8°	2.1°	91.6%	90.5%