

Element Hex IP



Light Efficiency:

270 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

0 K

Output: 342 lm

Peak: 3369 cd

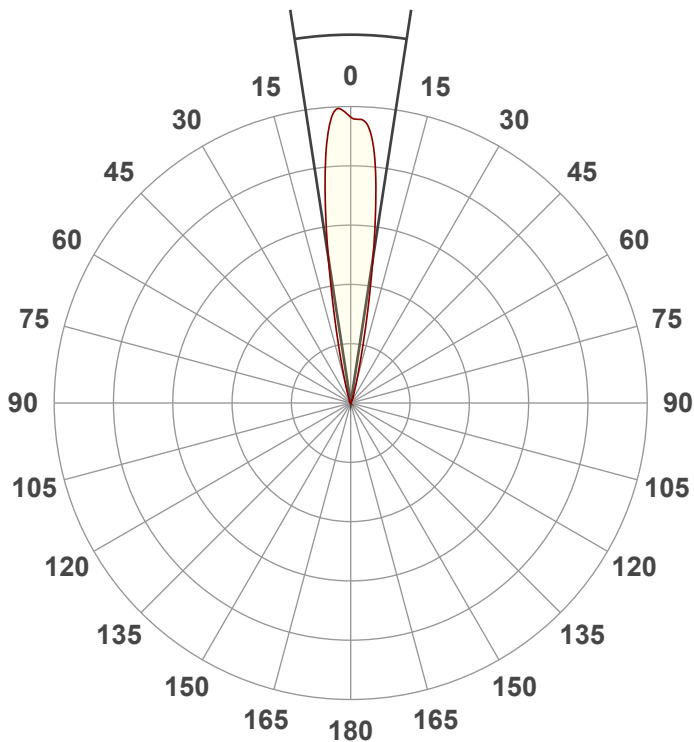
Power: 1.3 W

PF: 0.32



Beam Angle

17.5°



Test:

Full On w UV

Date:

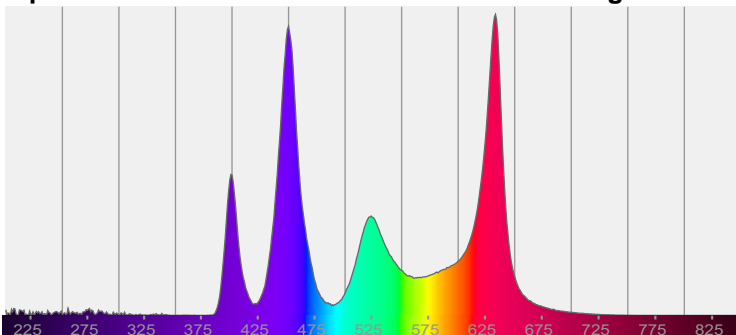
6/7/2022

Note:

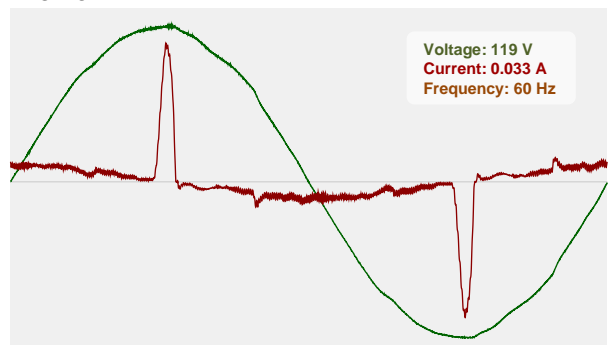
CIE 1931
x: 0.331
y: 0.248

Spectra

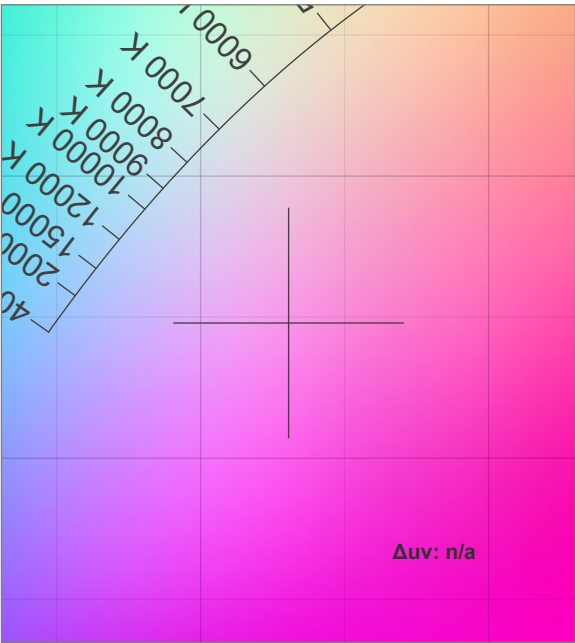
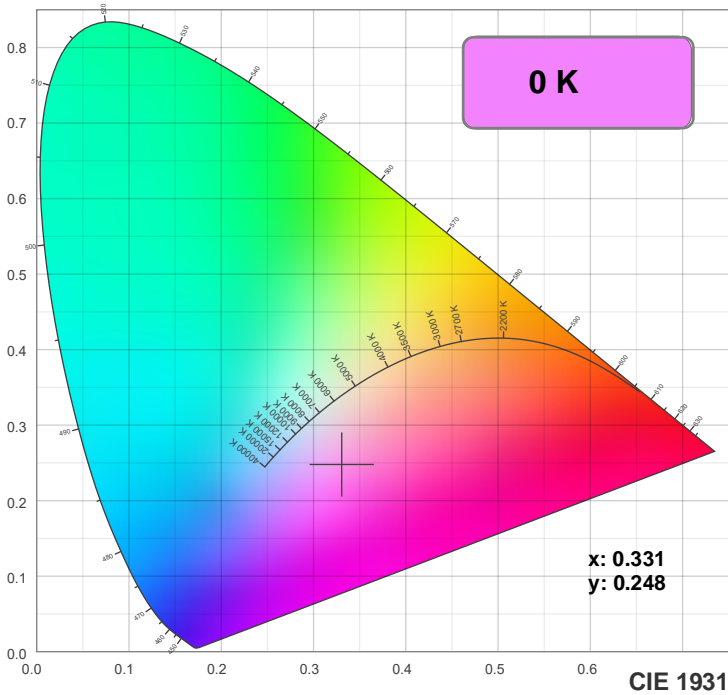
Dominant Wavelength: 360nm



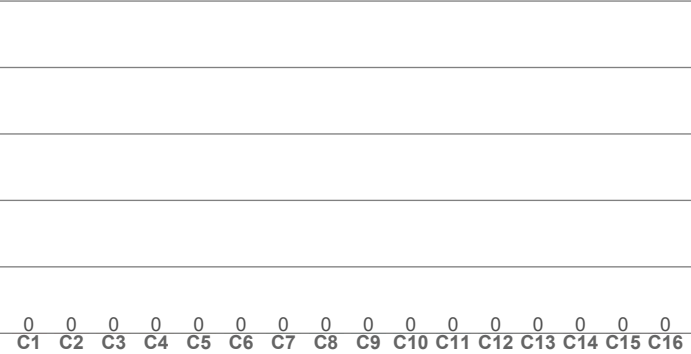
Power



Color Details



TM30: 0.0



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

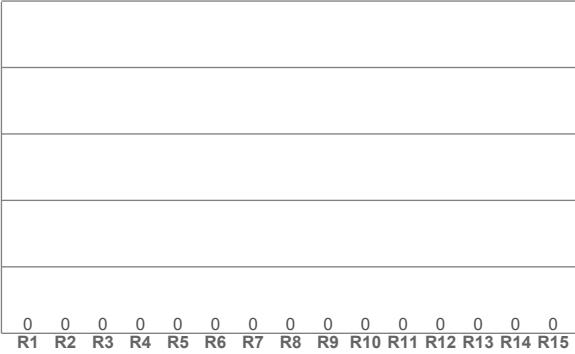
TM30 C values, 16 binned values out of total of 99 C values

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

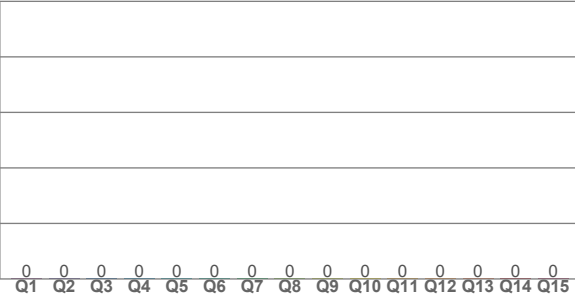
CQS Q values

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

CRI: 0.0 (R1-R8)



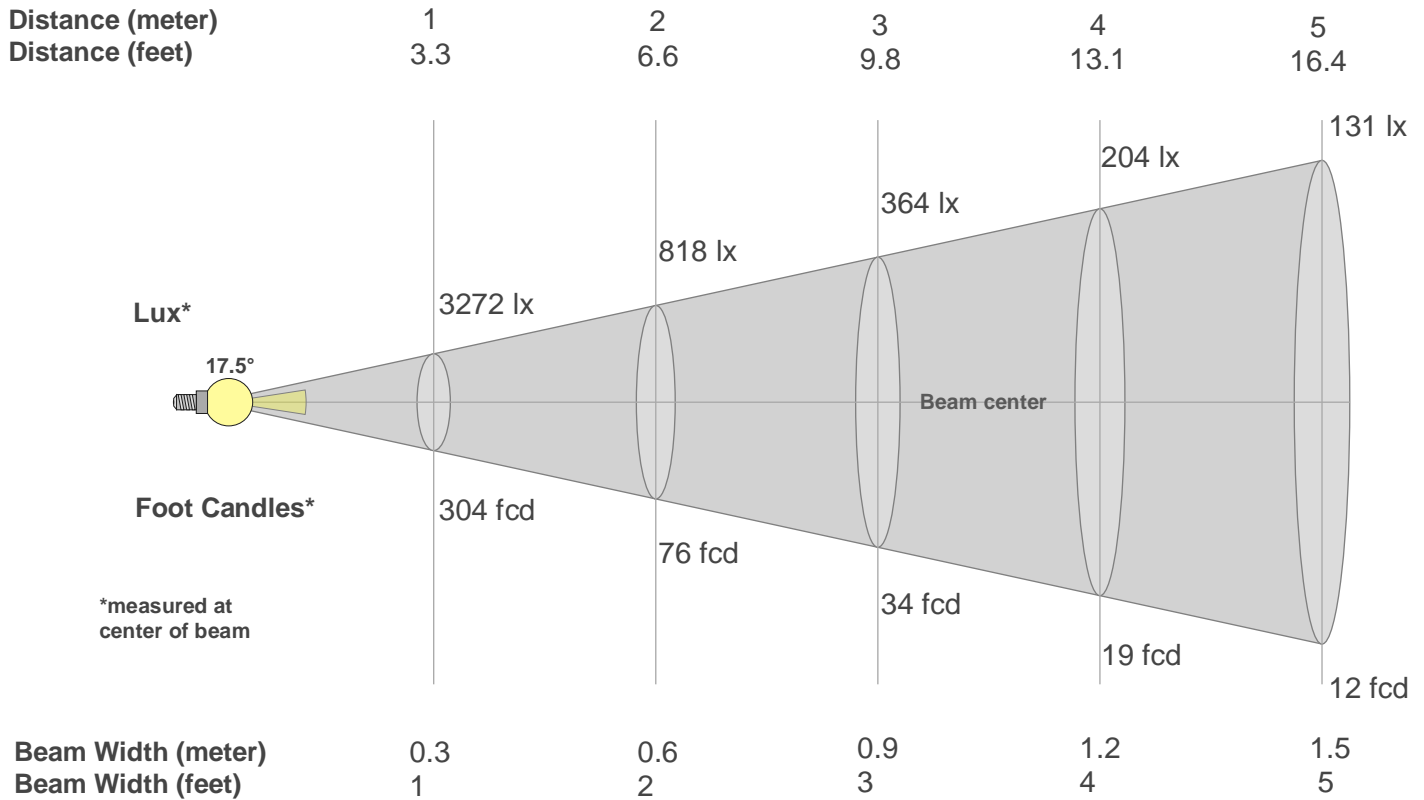
CQS: 0.0



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	0.331	0.248	0.249	0.280	n/a

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	3272	818	364	204	131	91	67	51	40	33	27	23	19	17	15	13	11	10	9	8
fcd	304	76	33.8	19	12.2	8.4	6.2	4.7	3.8	3	2.5	2.1	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.8

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°
3272	3319	3357	3343	3238	3039	2752	2391	1990	1582	1210	898	653	470	337	250	189	146	117	95
100%	101%	103%	102%	99%	93%	84%	73%	61%	48%	37%	27%	20%	14%	10%	8%	6%	4%	4%	3%

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°
3272	3319	3357	3343	3238	3039	2752	2391	1990	1582	1210	898	653	470	337	250	189	146	117	95
100%	101%	103%	102%	99%	93%	84%	73%	61%	48%	37%	27%	20%	14%	10%	8%	6%	4%	4%	3%

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°
3272	3248	3242	3210	3117	2948	2692	2353	1971	1585	1228	921	677	499	370	278	215	166	133	108
100%	99%	99%	98%	95%	90%	82%	72%	60%	48%	38%	28%	21%	15%	11%	9%	7%	5%	4%	3%

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°
3272	3248	3242	3210	3117	2948	2692	2353	1971	1585	1228	921	677	499	370	278	215	166	133	108
100%	99%	99%	98%	95%	90%	82%	72%	60%	48%	38%	28%	21%	15%	11%	9%	7%	5%	4%	3%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
17.5°	28.3°	39.7°	100.0%	99.5%