

Allegro Z6



Light Efficiency:

10 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

0 K

Output: 2186 lm

Peak: 8964 cd

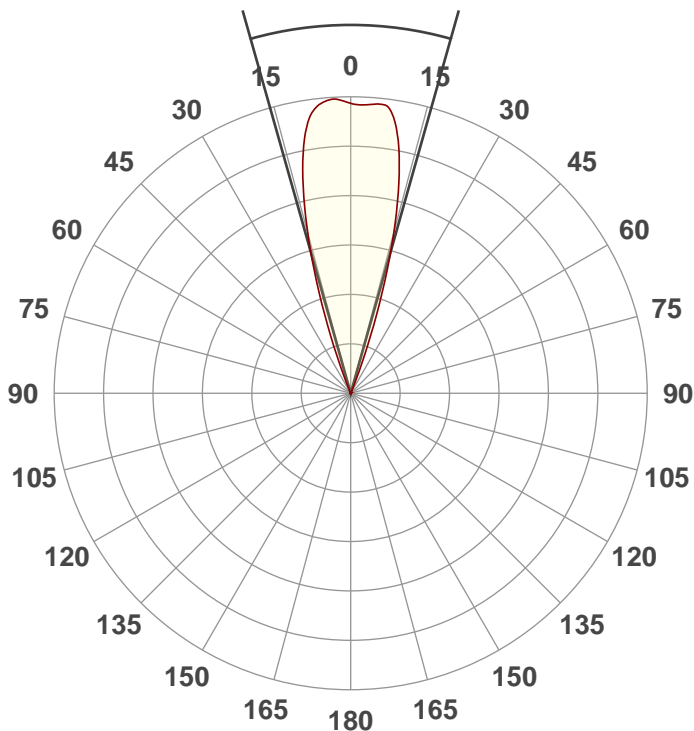
Power: 211.7 W

PF: 0.99



Beam Angle

31.5°



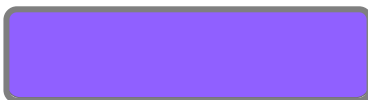
Test:

Zoom Out Full On

Date:

9/4/2019

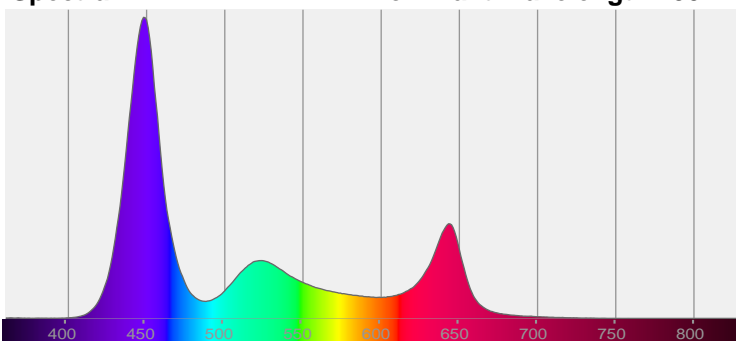
Note:



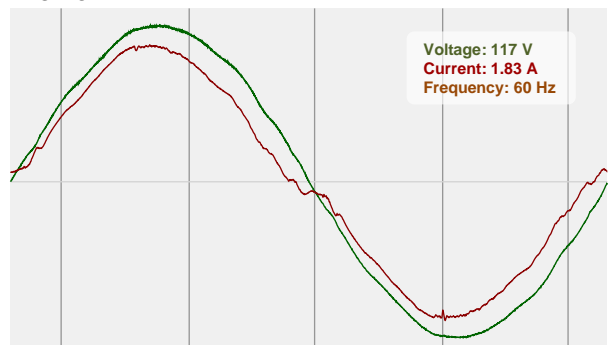
CIE 1931
x: 0.234
y: 0.172

Spectra

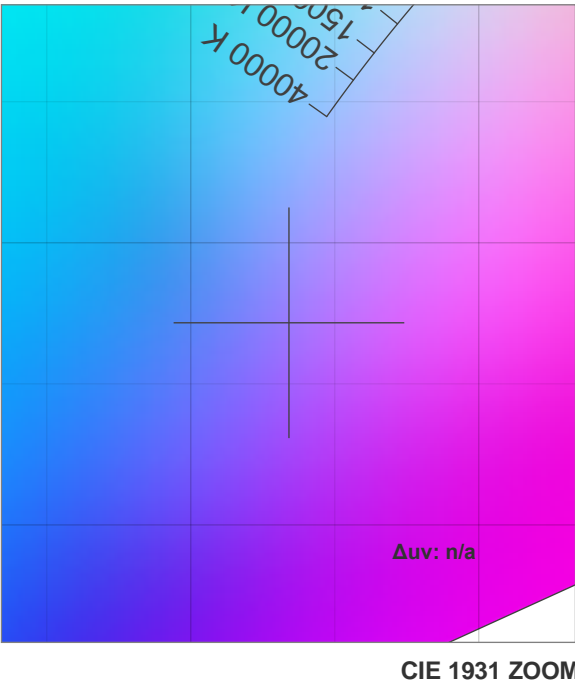
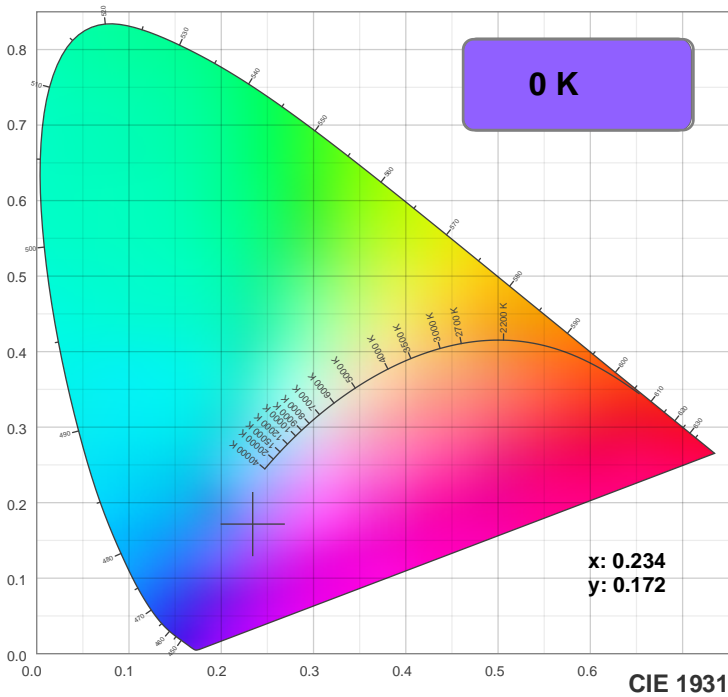
Dominant Wavelength: 450nm



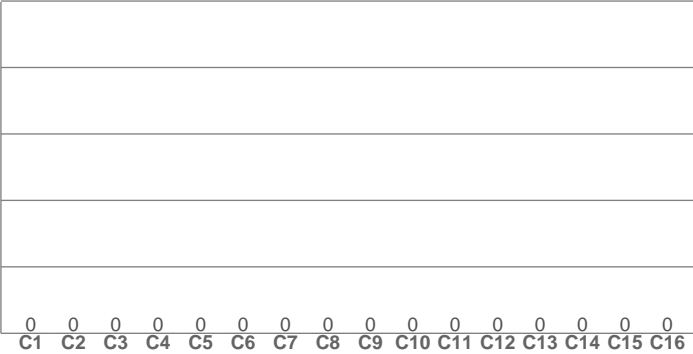
Power



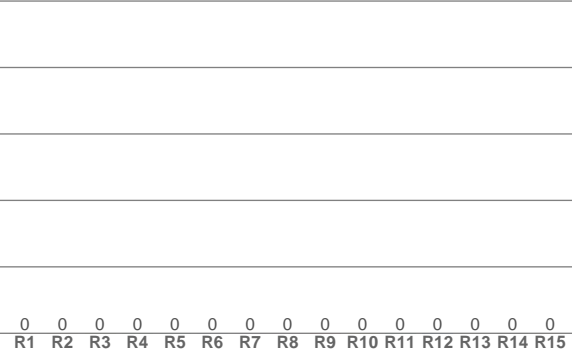
Color Details



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

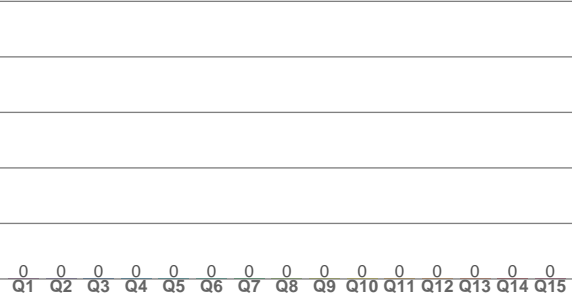
TM30 C values, 16 binned values out of total of 99 C values

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

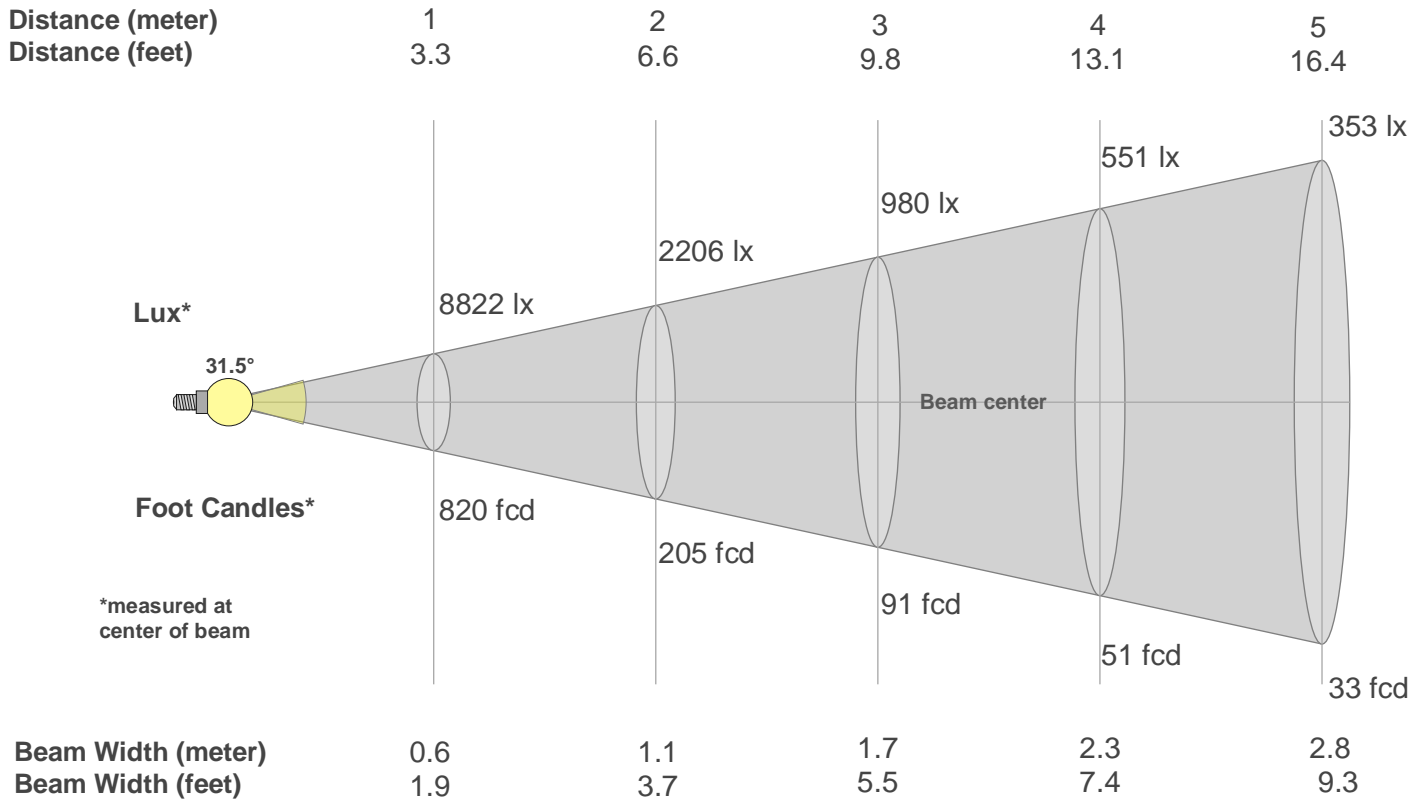
CQS: 0.0



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	0.234	0.172	0.204	0.224	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	8822	2206	980	551	353	245	180	138	109	88	73	61	52	45	39	34	31	27	24	22
fcd	819.6	204.9	91.1	51.2	32.8	22.8	16.7	12.8	10.1	8.2	6.8	5.7	4.8	4.2	3.6	3.2	2.8	2.5	2.3	2

Intensities in 0° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8822	8917	8942	8837	8563	7966	7014	5748	4302	2773	1375	406	43	2	1	1	1	1	1	0
100%	101%	101%	100%	97%	90%	80%	65%	49%	31%	16%	5%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8822	8917	8942	8837	8563	7966	7014	5748	4302	2773	1375	406	43	2	1	1	1	1	1	0
100%	101%	101%	100%	97%	90%	80%	65%	49%	31%	16%	5%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8822	8780	8807	8830	8659	8060	7082	5797	4300	2711	1239	323	8	2	1	1	1	1	1	0
100%	100%	100%	100%	98%	91%	80%	66%	49%	31%	14%	4%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8822	8780	8807	8830	8659	8060	7082	5797	4300	2711	1239	323	8	2	1	1	1	1	1	0
100%	100%	100%	100%	98%	91%	80%	66%	49%	31%	14%	4%	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
31.5°	41.5°	45°	99.9%	99.9%