

Light Efficiency:



Light Quality:



Color Temperature:

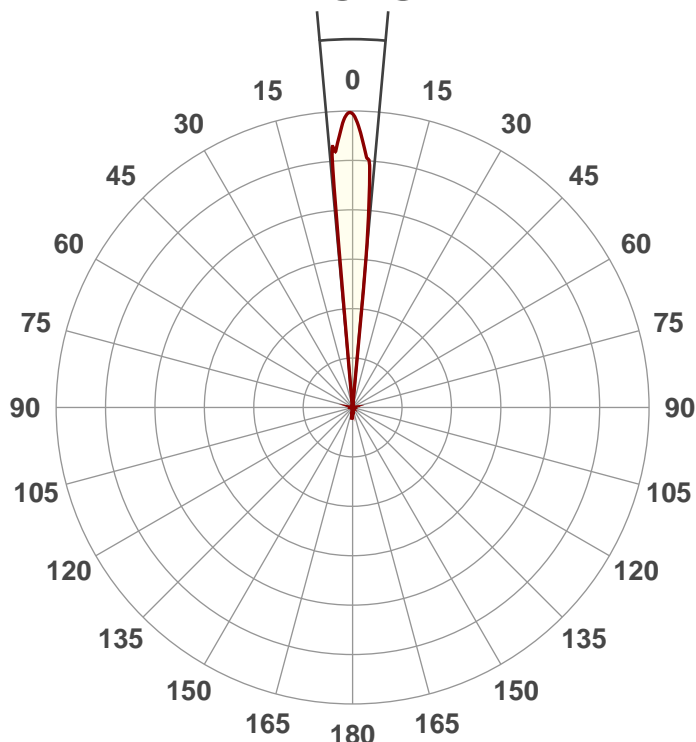


Output: 6757 lm
Peak: 270803 cd
Power: 628 W
PF: 1.0



Beam Angle

10.3°



Product Name:

Platinum FLX

Test:

Spot CTO color wheel Zoom 50%

Date:

1/26/2018

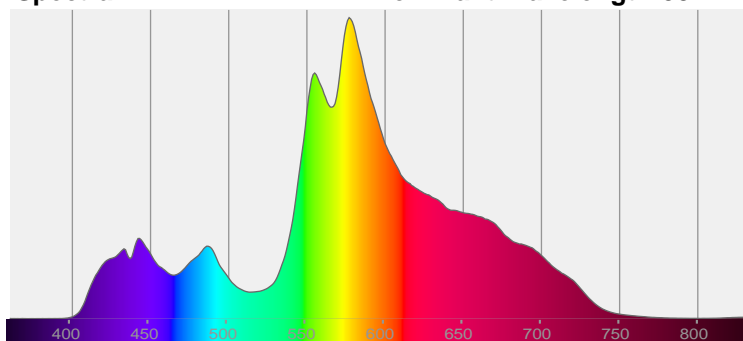
Note:



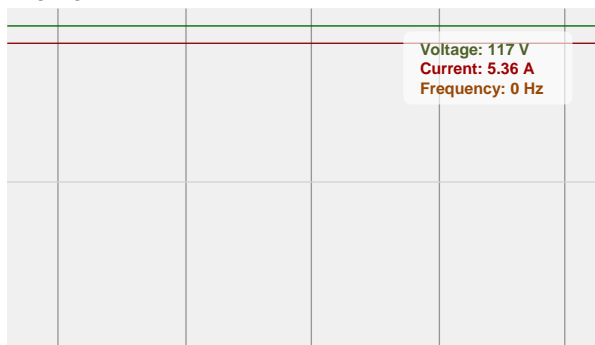
CIE 1931
x: 0.431
y: 0.410

Spectra

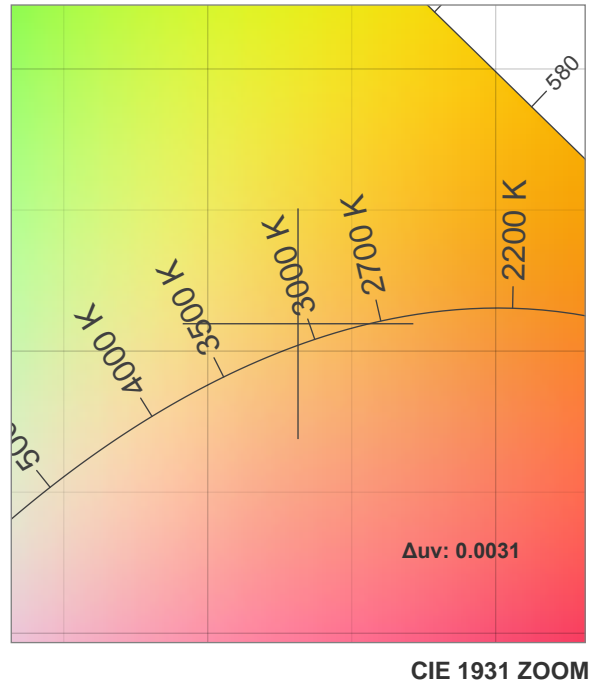
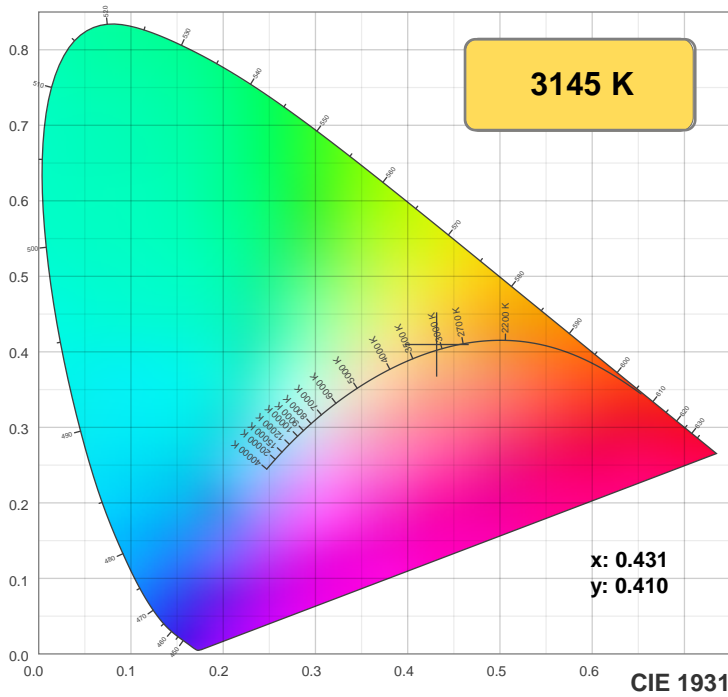
Dominant Wavelength: 582nm



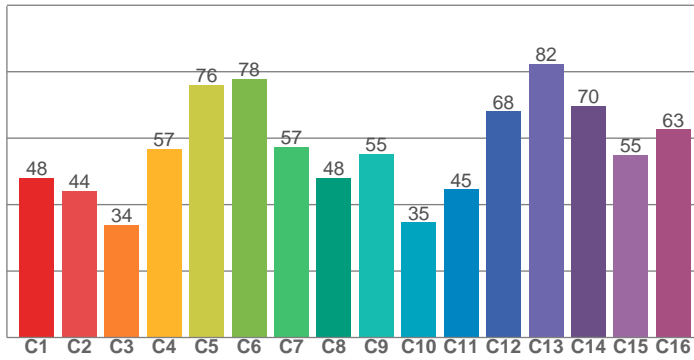
Power



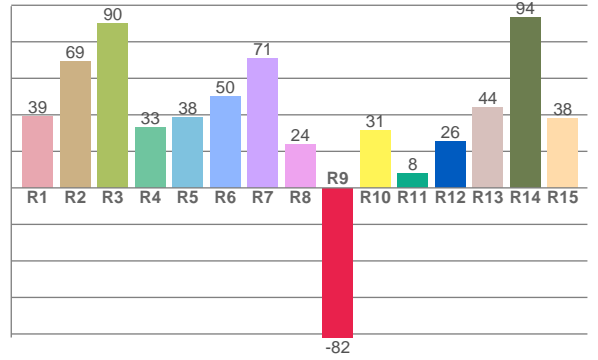
Color Details



TM30: 56.2



CRI: 51.9 (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
39.4	69.4	90.2	33.2	38.4	50.1	70.7	23.9	-81.9	31.2	8.0	25.6	44.1	93.6	38.0

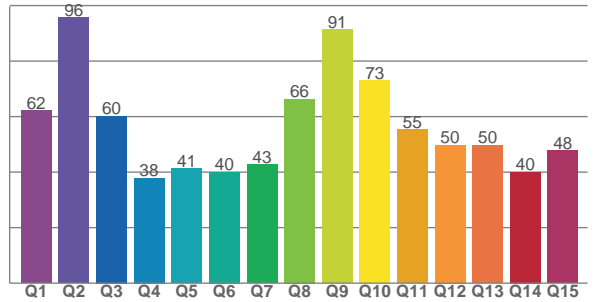
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
48.1	44.2	33.8	56.8	76.1	77.9	57.4	48.1	55.2	34.7	44.6	68.1	82.3	69.8	54.9	62.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
62.2	95.6	60.2	37.9	41.3	40.1	42.7	66.3	91.4	72.9	55.2	49.8	49.7	40.0	47.8

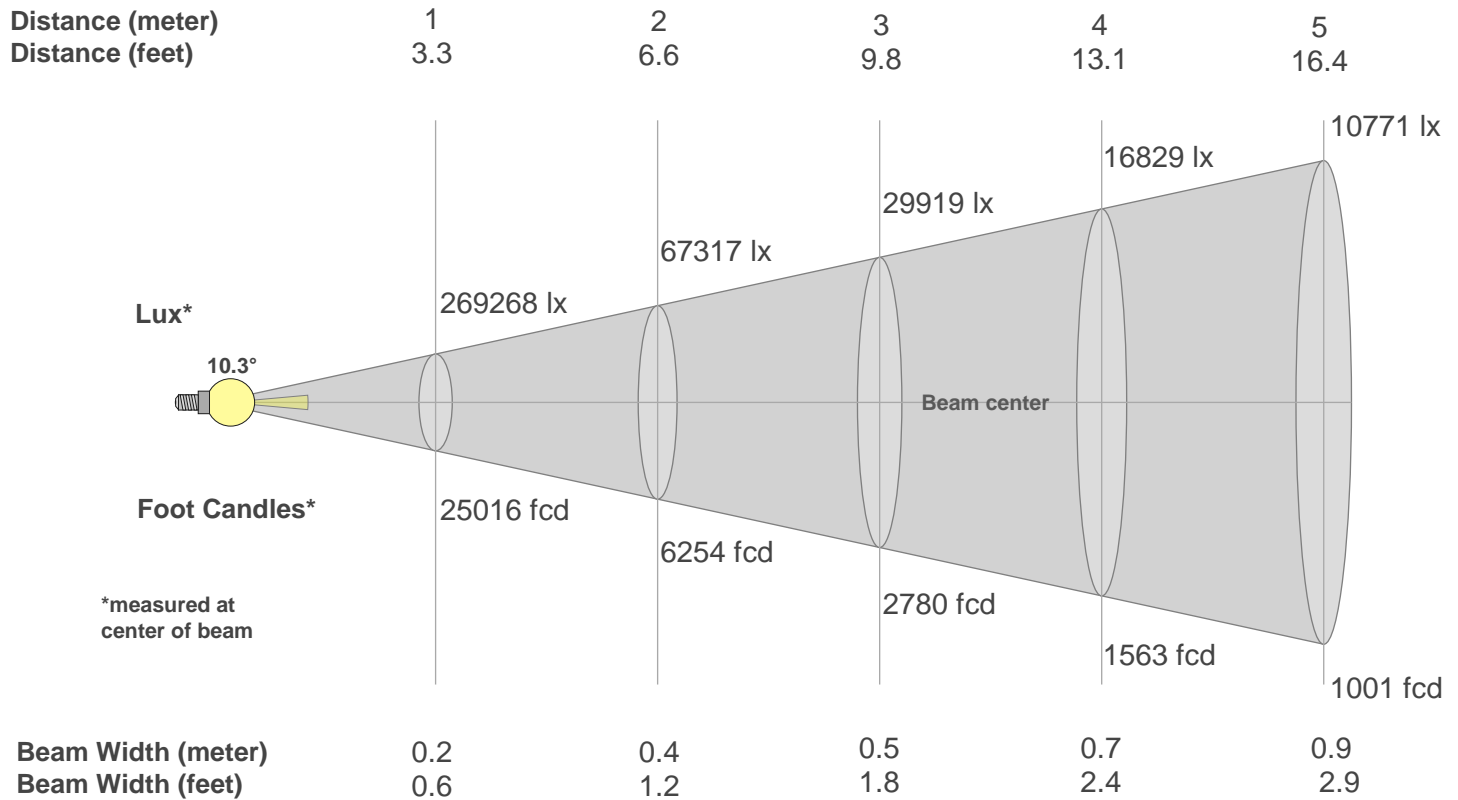
CQS: 53.3



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
3145 K	51.9	-81.9	56.2	80.4	53.3	0.431	0.410	0.245	0.348	0.0031

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	269268	67317	29919	16829	10771	7480	5495	4207	3324	2693	2225	1870	1593	1374	1197	1052	932	831	746	673
fcd	25015.9	6254	2779.5	1563.5	1000.6	694.9	510.5	390.9	308.8	250.2	206.7	173.7	148	127.6	111.2	97.7	86.6	77.2	69.3	62.5

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°
269K	269K	261K	247K	232K	164K	10K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	97%	92%	86%	61%	4%	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°
269K	269K	261K	247K	232K	164K	10K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	97%	92%	86%	61%	4%	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°
269K	261K	247K	233K	220K	148K	14K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	92%	87%	82%	55%	5%	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°
269K	261K	247K	233K	220K	148K	14K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	92%	87%	82%	55%	5%	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
10.3°	11.6°	12.3°	97.9%	97.3%