

17 Lumen/Watt

CRI: 76.6

7141 K

Peak: 434073 cd

PF: 1.0



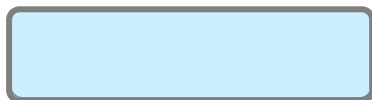
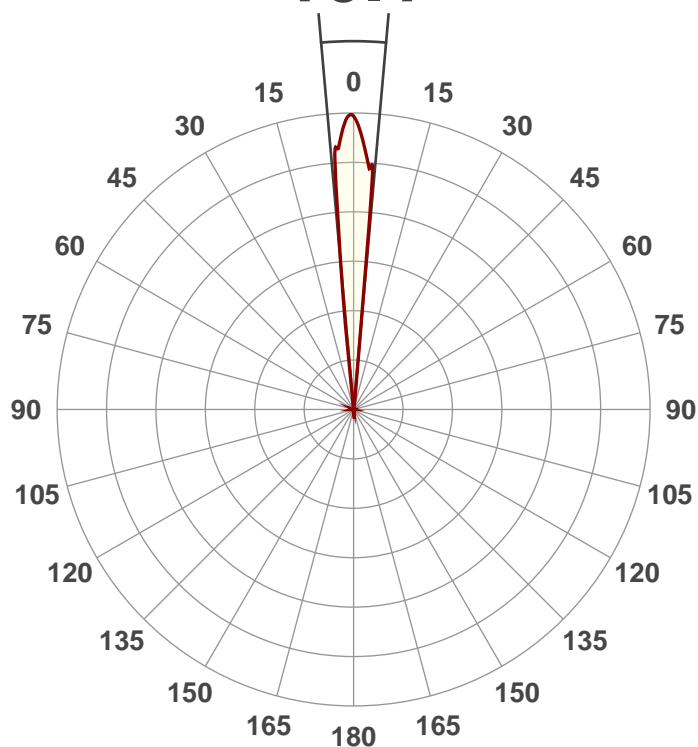
Platinum FLX

Spot Zoom 50%

1/26/2018

Note:

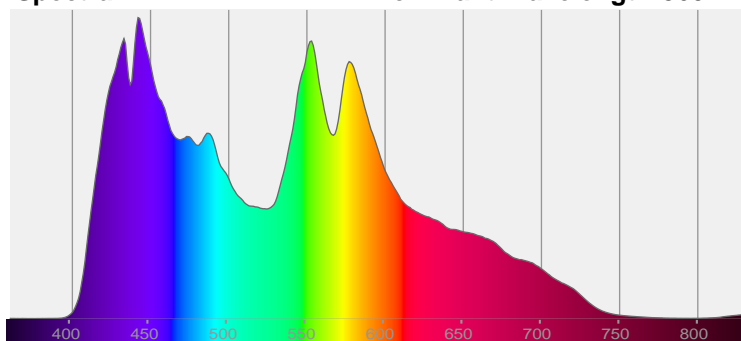
10.1°



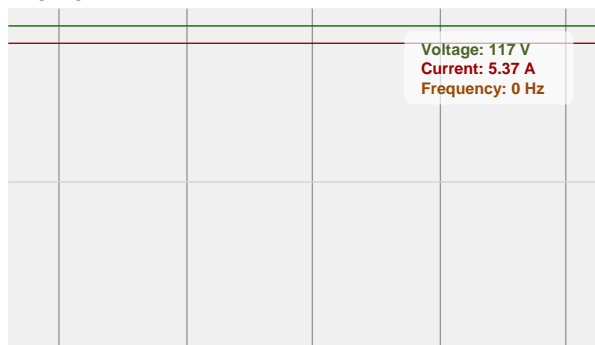
CIE 1931
x: 0.306
y: 0.310

Spectra

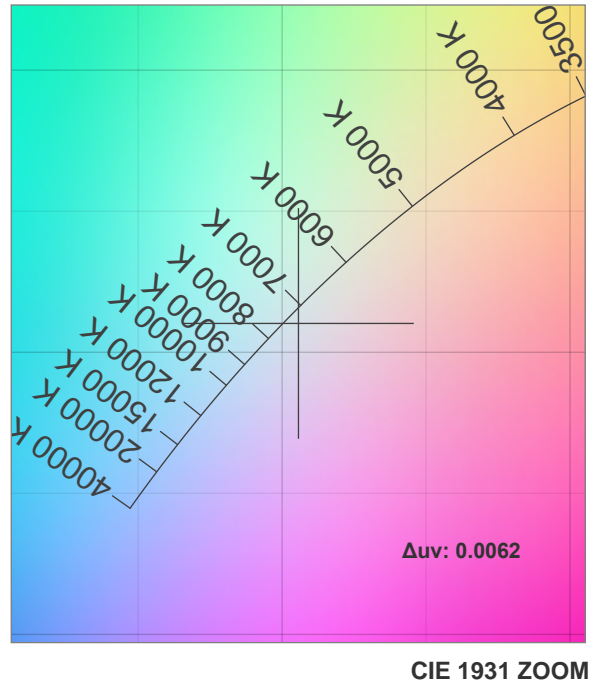
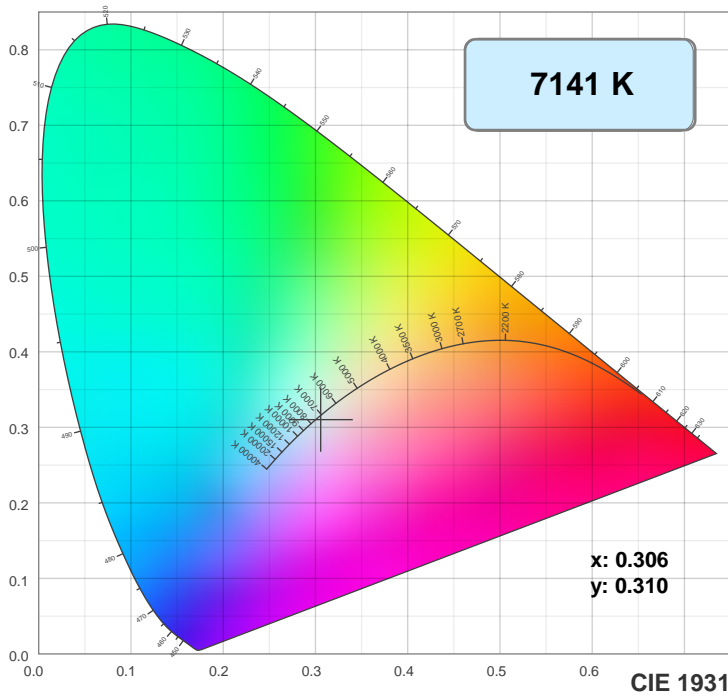
Dominant Wavelength:360nm



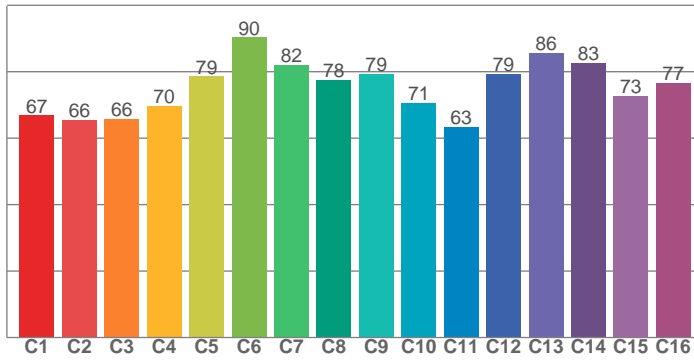
Power



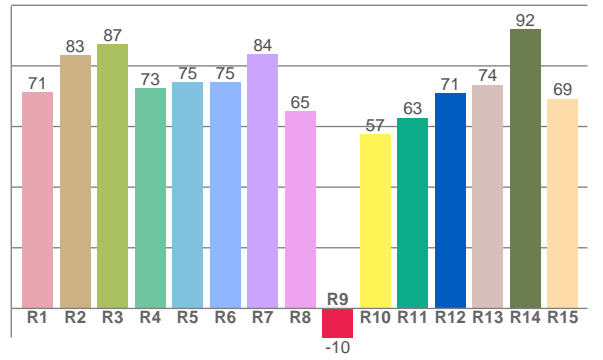
Color Details



TM30: 75.5



CRI: 76.6 (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
71.2	83.5	87.1	72.6	74.7	74.7	83.9	65.0	-9.6	57.5	62.9	71.0	73.8	92.2	69.2

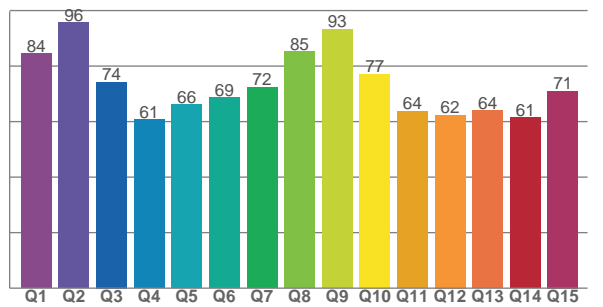
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
66.9	65.6	65.7	69.8	78.6	90.3	82.0	77.5	79.4	70.5	63.4	79.3	85.6	82.8	72.8	76.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84.4	95.7	74.3	60.7	66.1	68.7	72.3	85.3	93.2	77.2	63.8	62.4	64.0	61.5	71.0

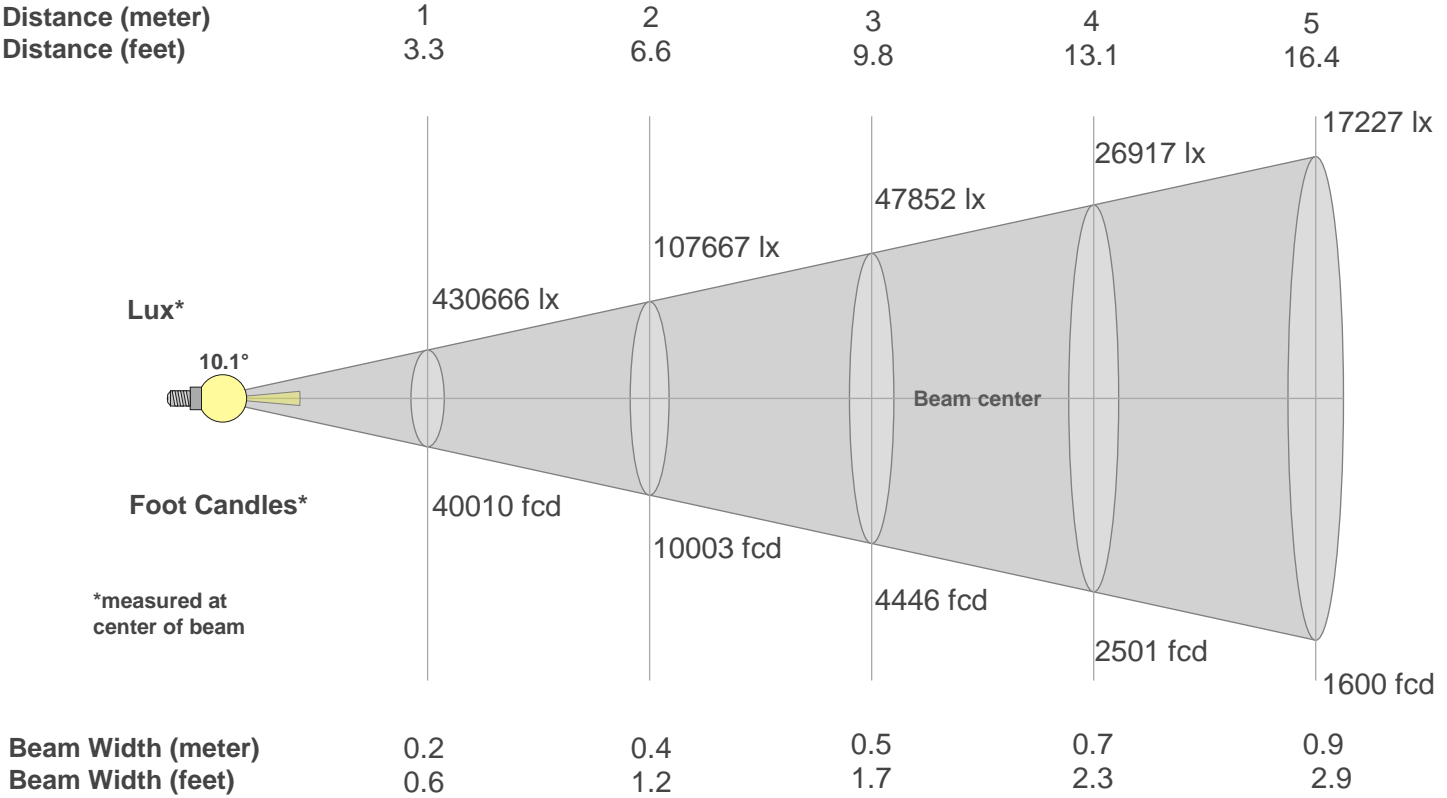
CQS: 71.1



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
7141 K	76.6	-9.6	75.5	91.8	71.1	0.306	0.310	0.200	0.305	0.0062

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	430666	107667	47852	26917	17227	11963	8789	6729	5317	4307	3559	2991	2548	2197	1914	1682	1490	1329	1193	1077
fcd	40010.6	10002.6	4445.6	2500.6	1600.4	1111.4	816.5	625.2	494	400.1	330.7	277.8	236.7	204.1	177.8	156.3	138.4	123.5	110.8	100

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°
431K	431K	417K	394K	373K	229K	49K	0K	0K	0K	0K	0K	0K	0K	0K	1K	1K	1K	1K	1K
100%	100%	97%	91%	87%	53%	11%	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°
431K	431K	417K	394K	373K	229K	49K	0K	0K	0K	0K	0K	0K	0K	0K	1K	1K	1K	1K	1K
100%	100%	97%	91%	87%	53%	11%	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°
431K	417K	396K	372K	349K	234K	29K	0K	0K	0K	0K	0K	0K	0K	1K	1K	1K	1K	1K	1K
100%	97%	92%	86%	81%	54%	7%	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°
431K	417K	396K	372K	349K	234K	29K	0K	0K	0K	0K	0K	0K	0K	1K	1K	1K	1K	1K	1K
100%	97%	92%	86%	81%	54%	7%	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
10.1°	11.7°	12.6°	97.9%	97.3%