

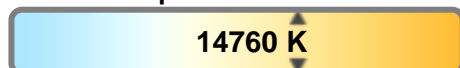
Light Efficiency:



Light Quality:



Color Temperature:



Output: 12230 lm

Peak: 736806 cd

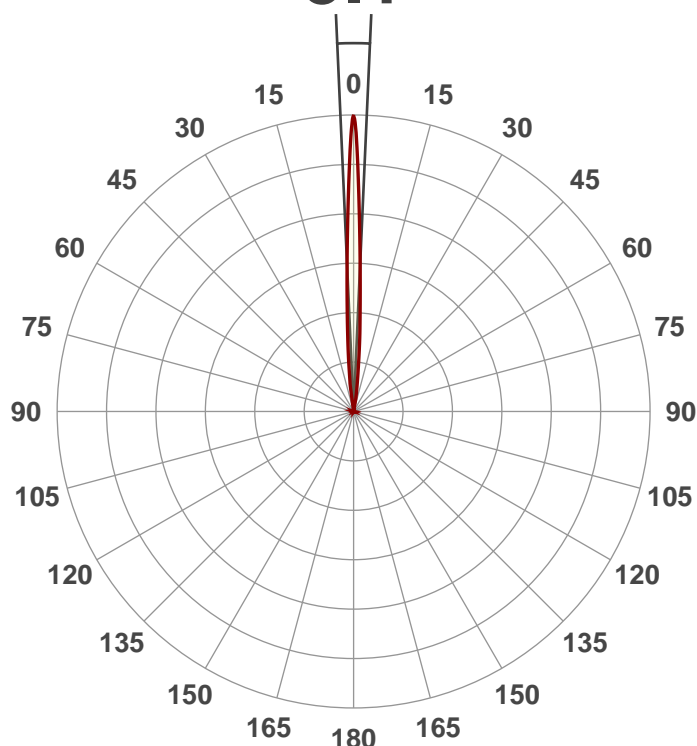
Power: 629 W

PF: 1.0



Beam Angle

5.1°



Product Name:

Platinum FLX

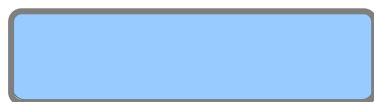
Test:

Beam CTB color wheel Zoom Out

Date:

1/26/2018

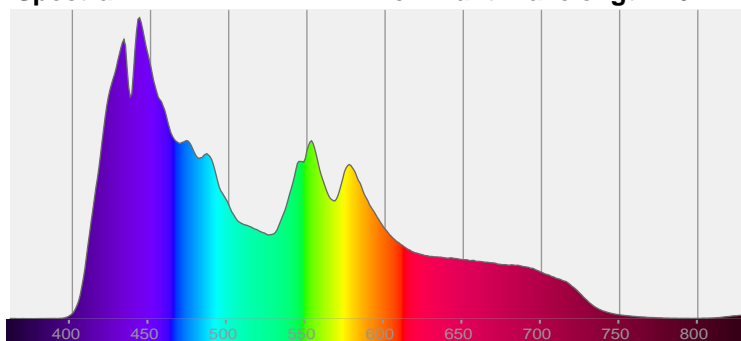
Note:



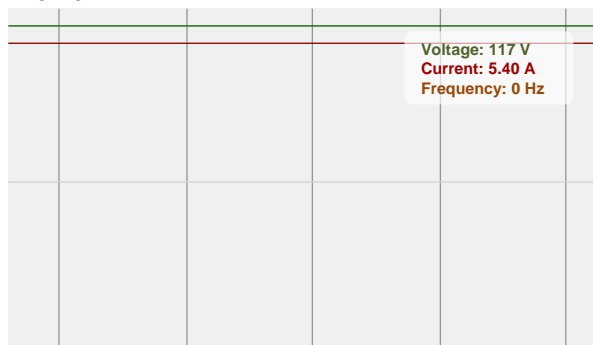
CIE 1931
x: 0.269
y: 0.261

Spectra

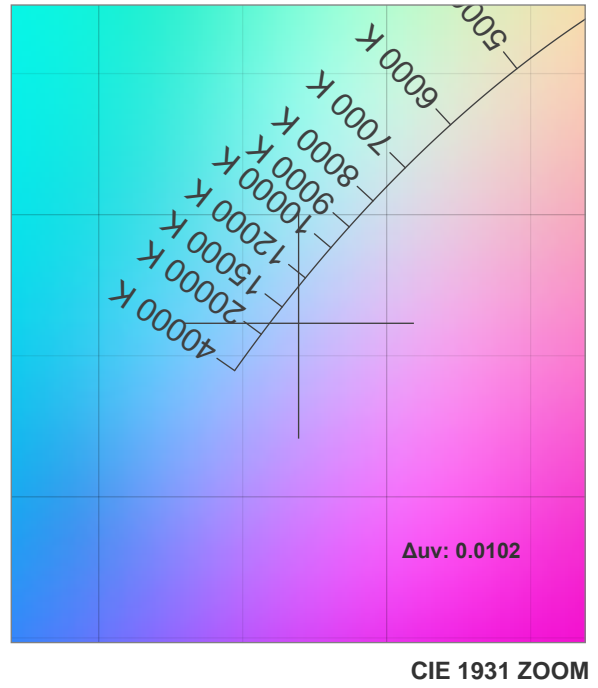
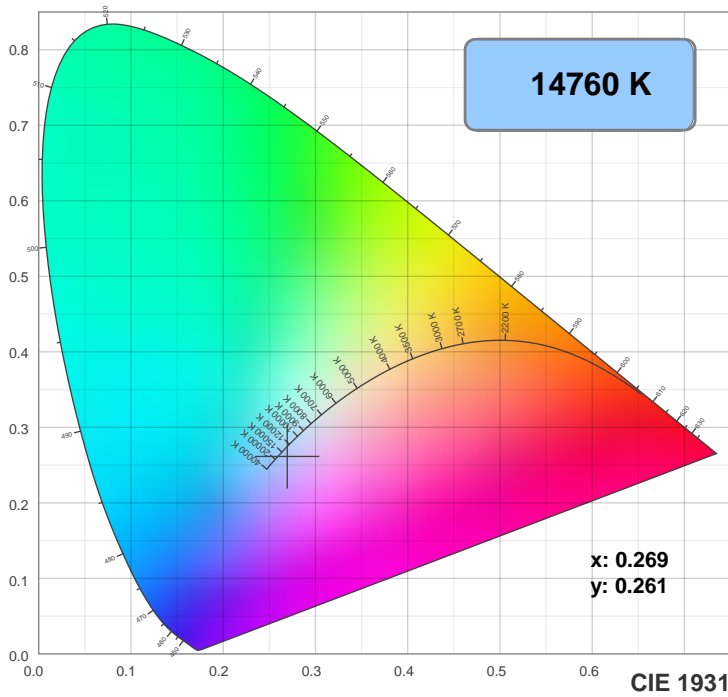
Dominant Wavelength: 467nm



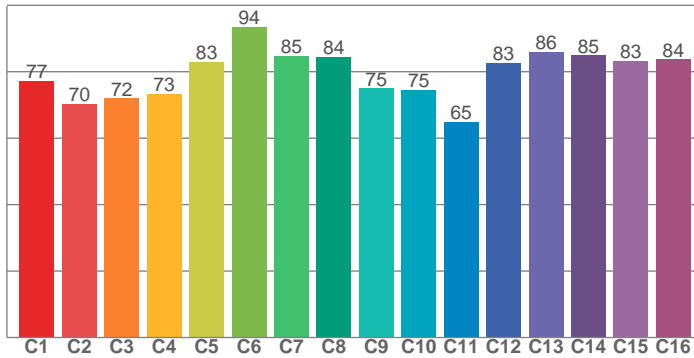
Power



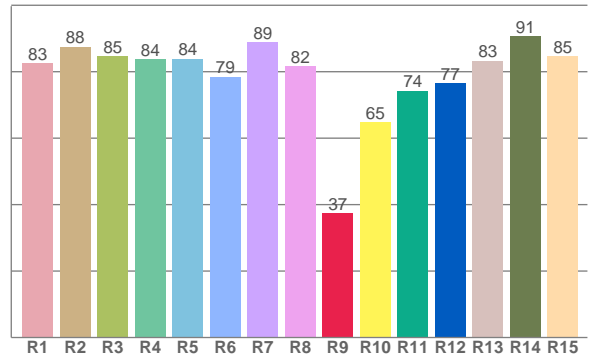
Color Details



TM30: 80.2



CRI: 83.9 (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
82.6	87.5	84.6	83.8	83.9	78.5	88.9	81.6	37.4	64.9	74.3	76.6	83.3	90.8	84.6

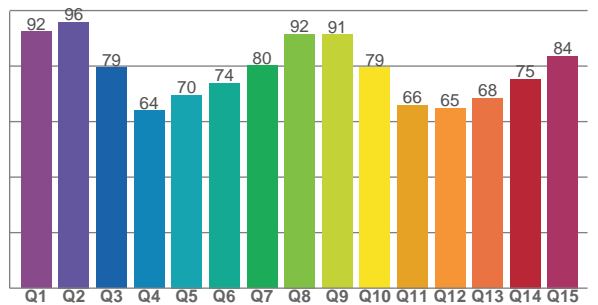
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77.2	70.3	72.0	73.3	83.0	93.6	84.7	84.5	75.0	74.5	64.9	82.6	85.9	84.9	83.3	83.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.5	95.9	79.4	64.0	69.6	73.9	80.2	91.5	91.3	79.4	65.9	64.8	68.4	75.4	83.7

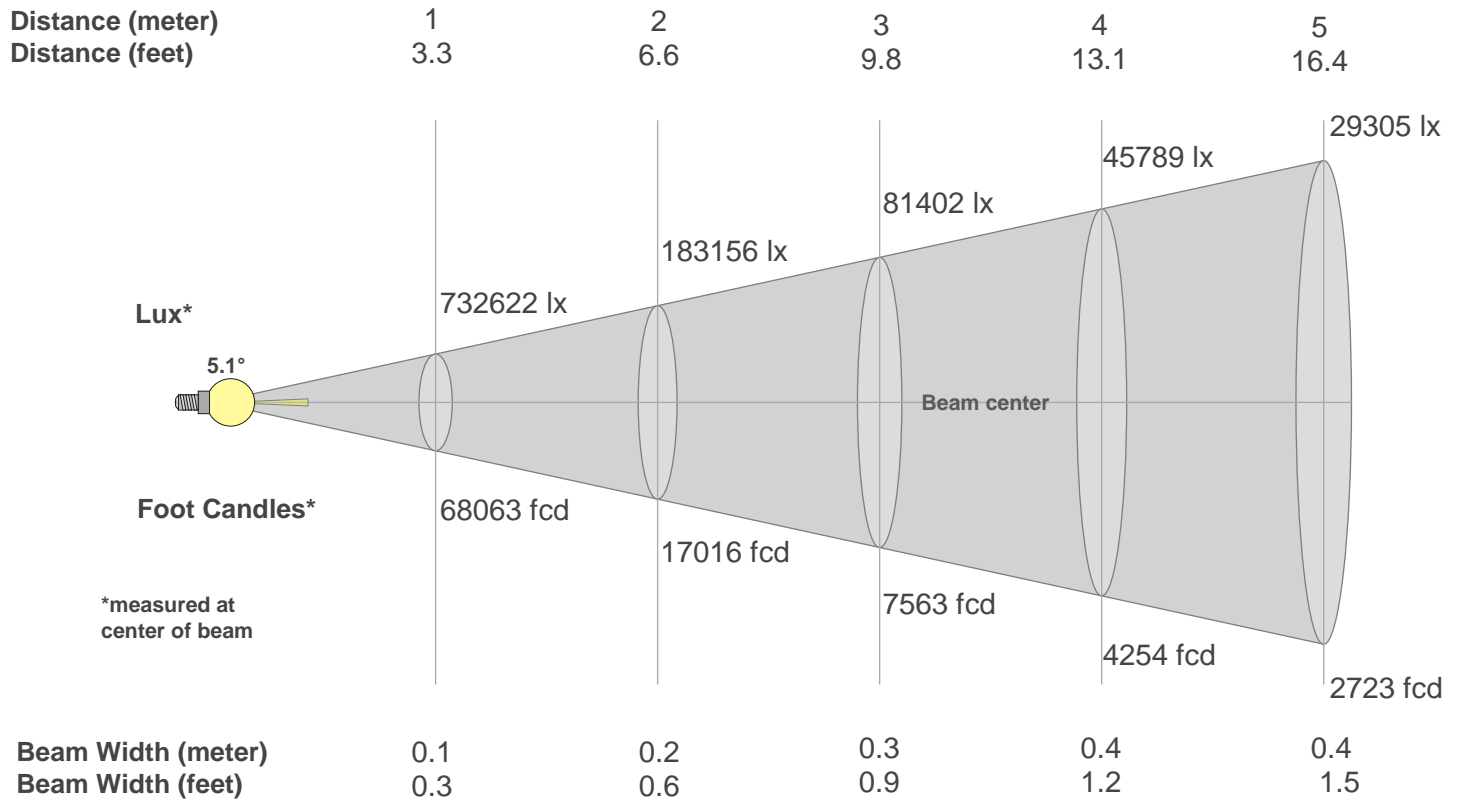
CQS: 76.0



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 Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
14760 K	83.9	37.4	80.2	95.1	76.0	0.269	0.261	0.192	0.280	0.0102

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	73262 2	183156	81402	45789	29305	20351	14951	11447	9045	7326	6055	5088	4335	3738	3256	2862	2535	2261	2029	1832
fcd	68062. 8	17015.7	7562.5	4253.9	2722.5	1890.6	1389	1063.5	840.3	680.6	562.5	472.7	402.7	347.3	302.5	265.9	235.5	210.1	188.5	170.2

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°
733K	610K	443K	315K	223K	159K	107K	74K	5K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K
100%	83%	60%	43%	30%	22%	15%	10%	1%	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°
733K	610K	443K	315K	223K	159K	107K	74K	5K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K
100%	83%	60%	43%	30%	22%	15%	10%	1%	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°
733K	610K	441K	317K	232K	171K	117K	81K	58K	42K	13K	1K	1K	1K	1K	1K	1K	1K	1K	1K
100%	83%	60%	43%	32%	23%	16%	11%	8%	6%	2%	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°
733K	610K	441K	317K	232K	171K	117K	81K	58K	42K	13K	1K	1K	1K	1K	1K	1K	1K	1K	1K
100%	83%	60%	43%	32%	23%	16%	11%	8%	6%	2%	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
5.1°	14.3°	17.7°	98.5%	98.1%