

LP 12 Hex

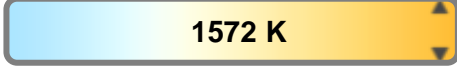
Light Efficiency:



Light Quality:



Color Temperature:



Output: 250 lm

Peak: 987 cd

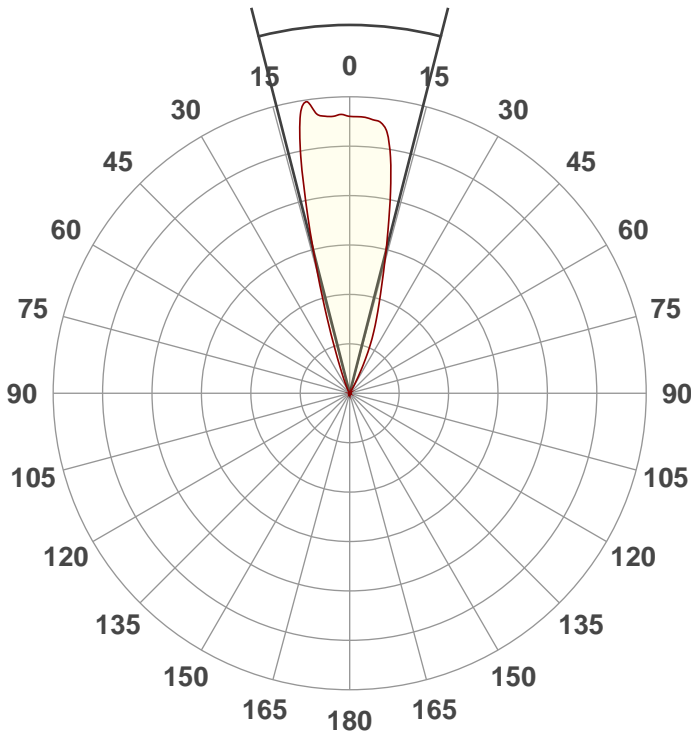
Power: 8.5 W

PF: 0.48



Beam Angle

28.6°



CIE 1931
x: 0.589
y: 0.411

Product Name:

LP 12 Hex

Test:

Amber

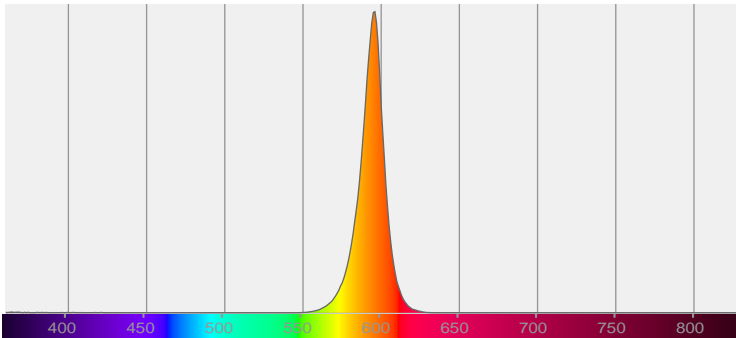
Date:

9/12/2019

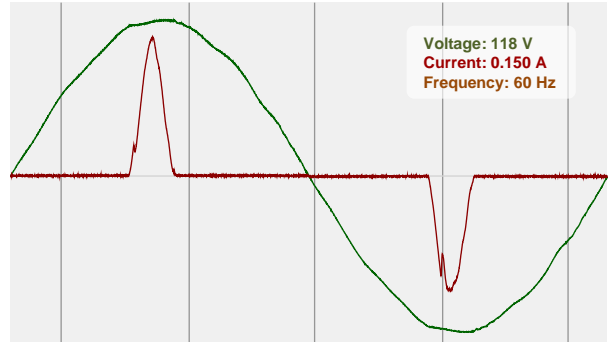
Note:

Spectra

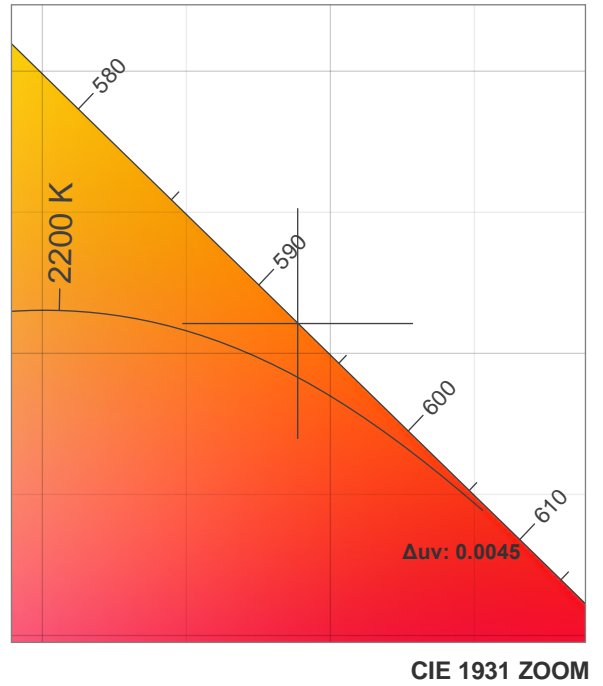
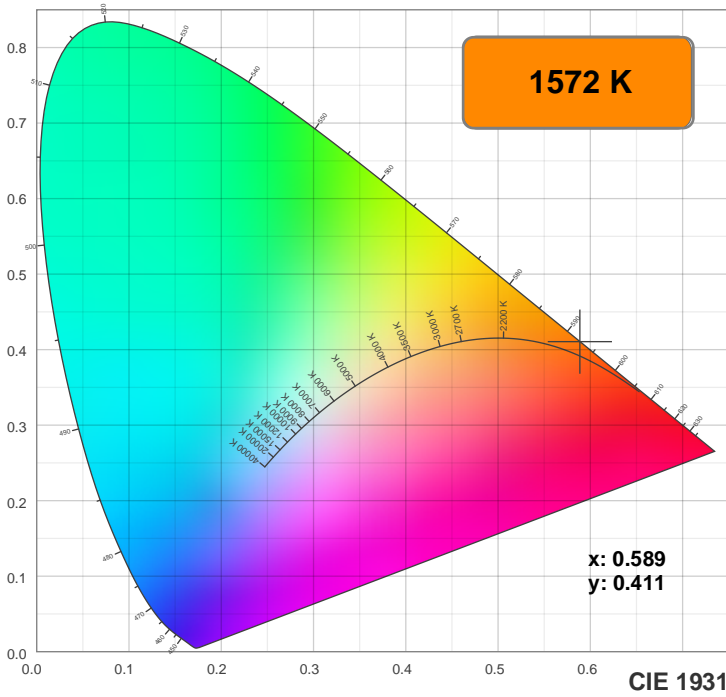
Dominant Wavelength: 592nm



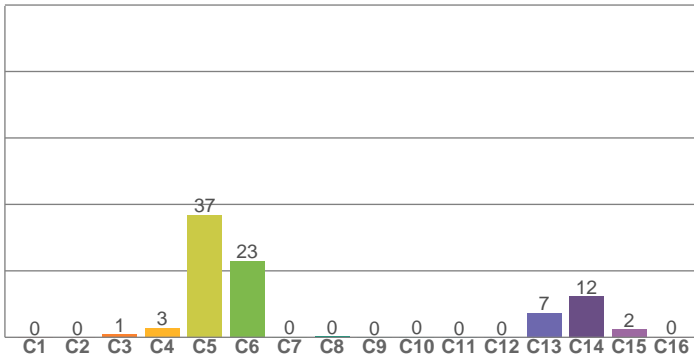
Power



Color Details



TM30: 0.2



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
-43.2	49.7	11.7	-77.9	-50.2	37.8	-11.7	-143.3	-412.9	26.6	-106.9	-16.1	-22.4	41.8	-76.4

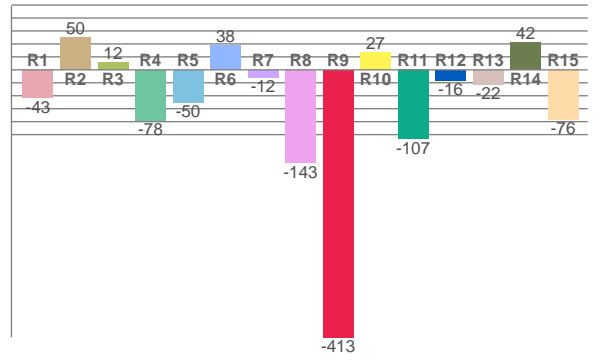
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.8	2.9	36.8	23.0	0.1	0.3	0.0	0.1	0.0	0.0	7.3	12.4	2.3	0.1

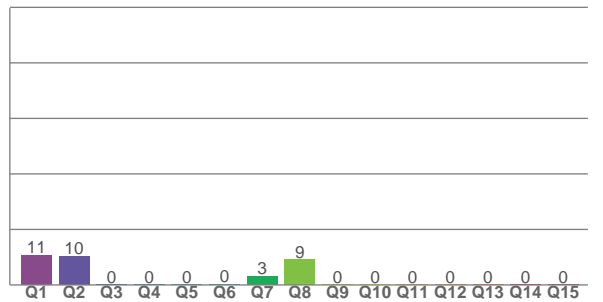
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
10.8	10.4	0.0	0.0	0.1	0.3	3.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1

CRI: -28.4 (R1-R8)



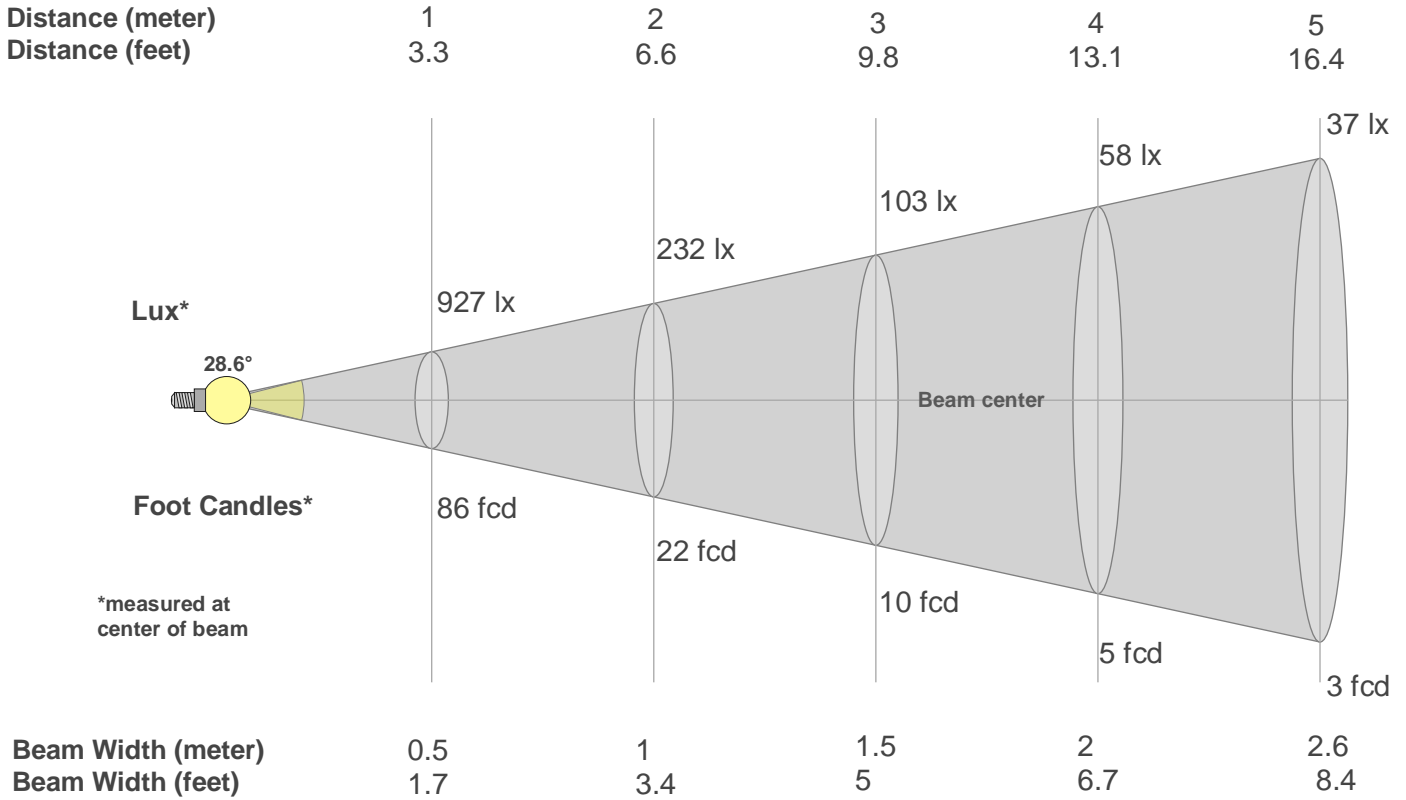
CQS: 0.0



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 Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
1572 K	-28.4	-412.9	0.2	1.2	0.0	0.589	0.411	0.349	0.365	0.0045

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	927	232	103	58	37	26	19	14	11	9	8	6	5	5	4	4	3	3	3	2
fcd	86.1	21.5	9.6	5.4	3.4	2.4	1.8	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2

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°
927	933	930	937	977	949	770	530	326	181	97	59	37	24	16	11	8	6	4	3
100%	101%	100%	101%	105%	102%	83%	57%	35%	19%	10%	6%	4%	3%	2%	1%	1%	1%	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°
927	933	930	937	977	949	770	530	326	181	97	59	37	24	16	11	8	6	4	3
100%	101%	100%	101%	105%	102%	83%	57%	35%	19%	10%	6%	4%	3%	2%	1%	1%	1%	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°
927	926	922	915	885	789	649	513	403	321	259	203	147	92	46	21	9	6	4	4
100%	100%	99%	99%	95%	85%	70%	55%	43%	35%	28%	22%	16%	10%	5%	2%	1%	1%	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°
927	926	922	915	885	789	649	513	403	321	259	203	147	92	46	21	9	6	4	4
100%	100%	99%	99%	95%	85%	70%	55%	43%	35%	28%	22%	16%	10%	5%	2%	1%	1%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
28.6°	45.7°	55.5°	100.0%	99.7%