

LP 12 Hex

Light Efficiency:



Light Quality:



Color Temperature:



Output: 1632 lm

Peak: 8980 cd

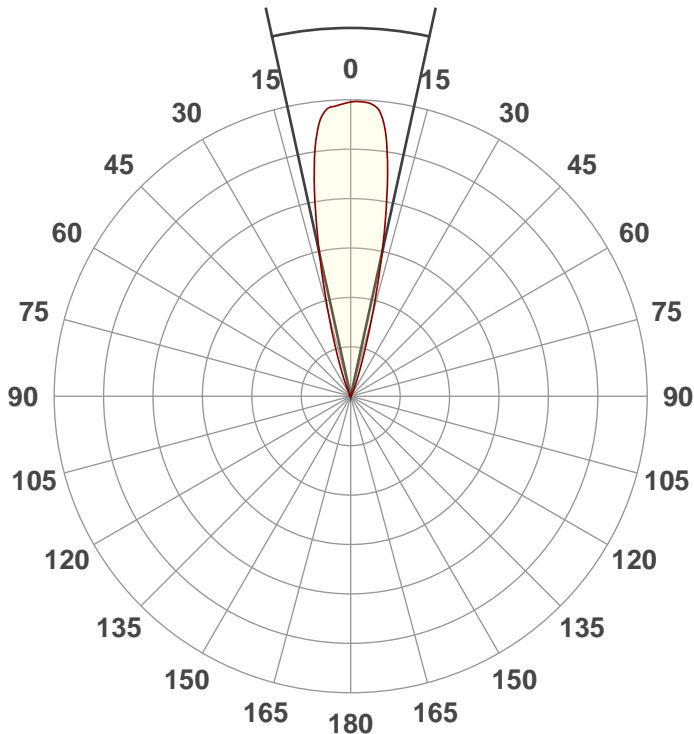
Power: 49.2 W

PF: 0.54



Beam Angle

24.7°



Product Name:

LP 12 Hex

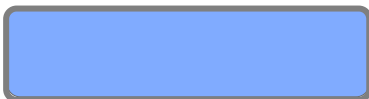
Test:

Full On

Date:

9/12/2019

Note:



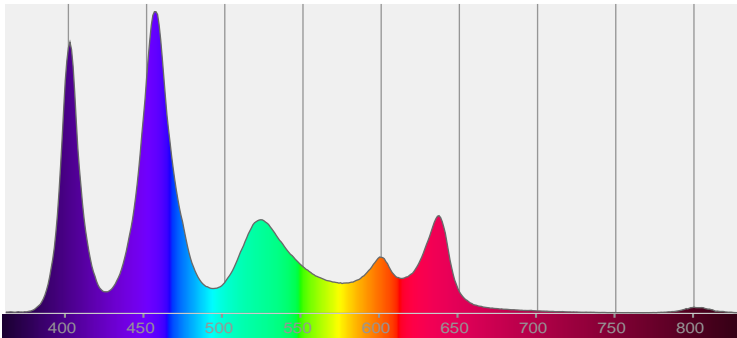
CIE 1931

x: 0.249

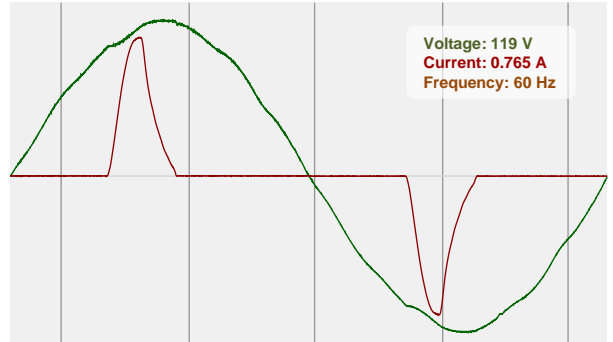
y: 0.223

Spectra

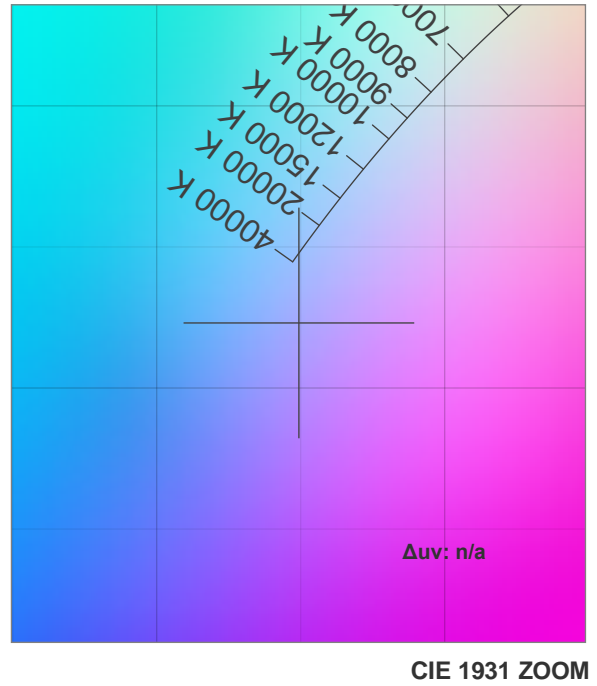
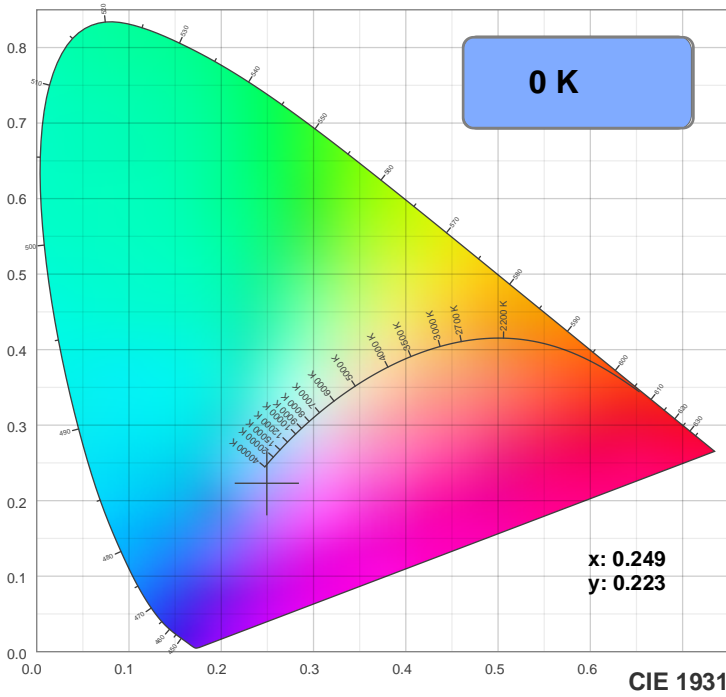
Dominant Wavelength: 464nm



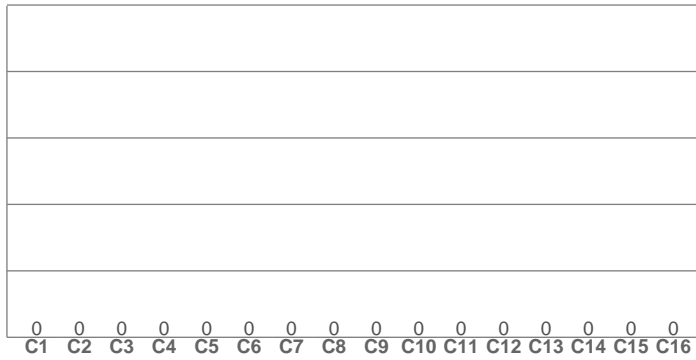
Power



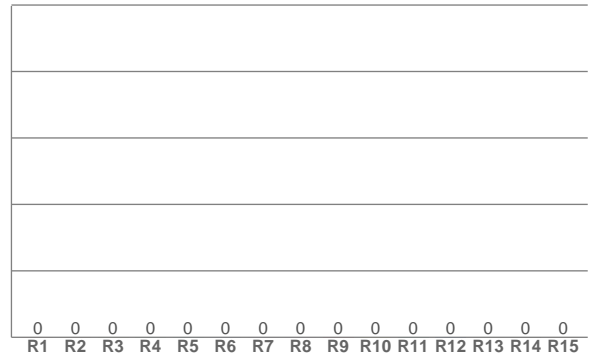
Color Details



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

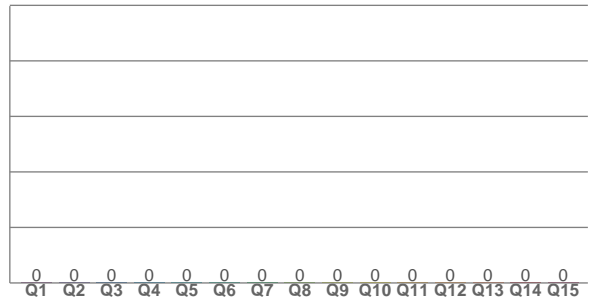
TM30 C values, 16 binned values out of total of 99 C values

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

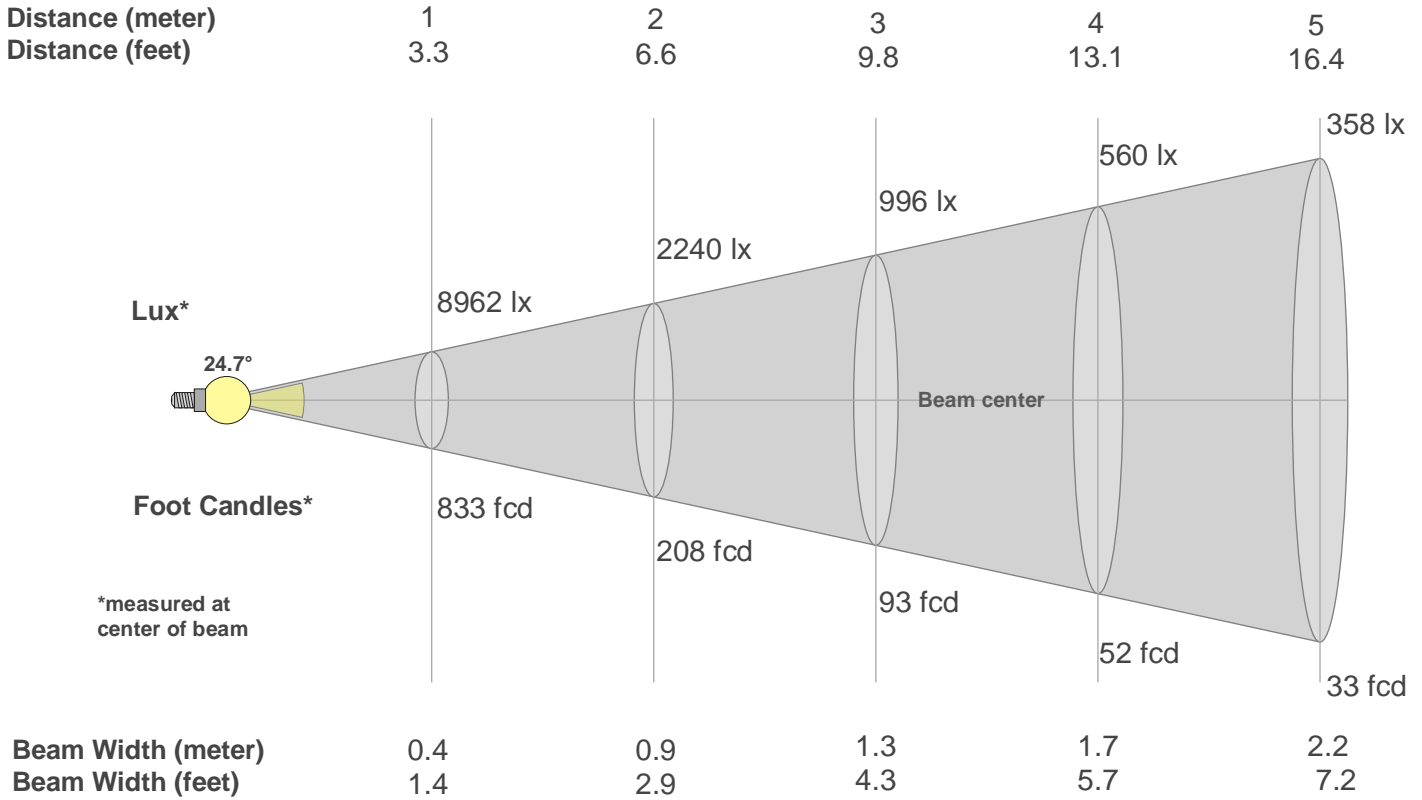
CQS: 0.0



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 Deviation 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	0.249	0.223	0.193	0.258	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	8962	2240	996	560	358	249	183	140	111	90	74	62	53	46	40	35	31	28	25	22
fcd	832.6	208.1	92.5	52	33.3	23.1	17	13	10.3	8.3	6.9	5.8	4.9	4.2	3.7	3.3	2.9	2.6	2.3	2.1

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°
8962	8932	8894	8856	8814	8720	8517	8169	7710	7059	6357	5544	4745	3983	3288	2652	2142	1671	1339	1034
100%	100%	99%	99%	98%	97%	95%	91%	86%	79%	71%	62%	53%	44%	37%	30%	24%	19%	15%	12%

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°
8962	8932	8894	8856	8814	8720	8517	8169	7710	7059	6357	5544	4745	3983	3288	2652	2142	1671	1339	1034
100%	100%	99%	99%	98%	97%	95%	91%	86%	79%	71%	62%	53%	44%	37%	30%	24%	19%	15%	12%

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°
8962	8979	8977	8958	8928	8817	8665	8291	7813	7150	6396	5583	4764	3952	3217	2538	1977	1523	1151	898
100%	100%	100%	100%	100%	98%	97%	93%	87%	80%	71%	62%	53%	44%	36%	28%	22%	17%	13%	10%

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°
8962	8979	8977	8958	8928	8817	8665	8291	7813	7150	6396	5583	4764	3952	3217	2538	1977	1523	1151	898
100%	100%	100%	100%	100%	98%	97%	93%	87%	80%	71%	62%	53%	44%	36%	28%	22%	17%	13%	10%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
24.7°	38.6°	49.4°	100.0%	99.9%