

LP 12 Hex

Light Efficiency:

42 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

0 K

Output: 1653 lm

Peak: 9075 cd

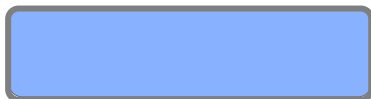
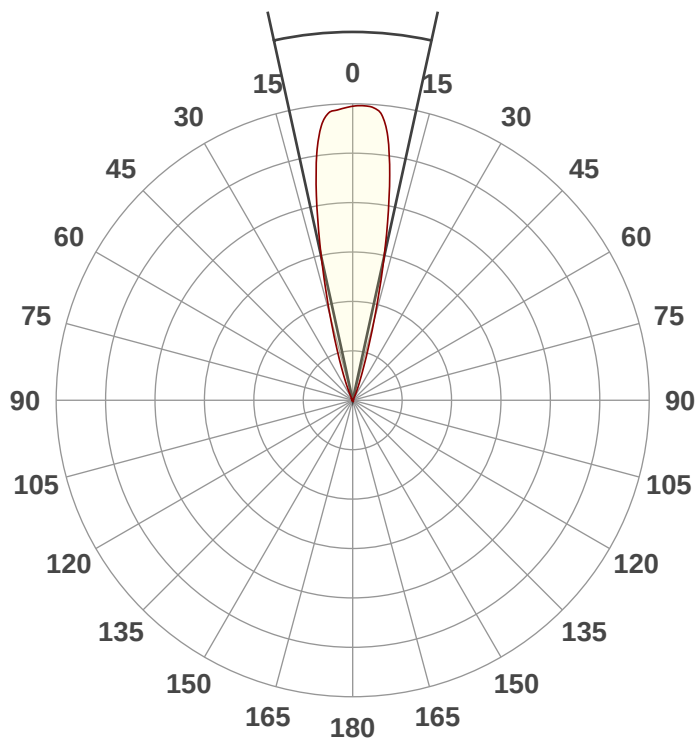
Power: 39.6 W

PF: 0.53



Beam Angle

24.7°



CIE 1931
x: 0.254
y: 0.230

Product Name:

LP 12 Hex

Test:

Full On No UV

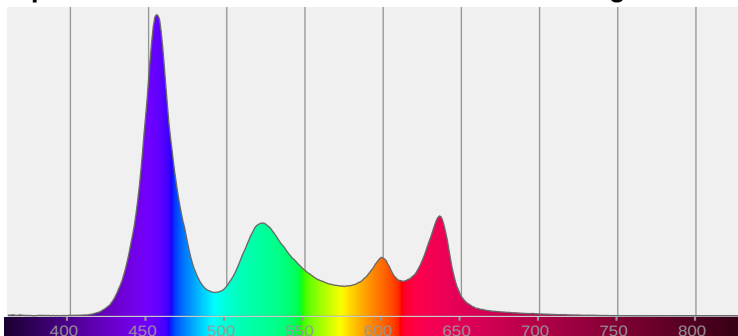
Date:

9/12/2019

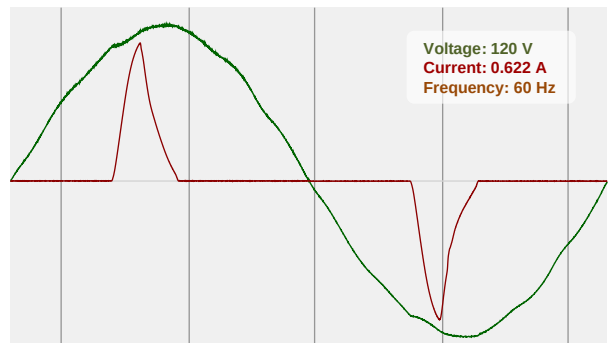
Note:

Spectra

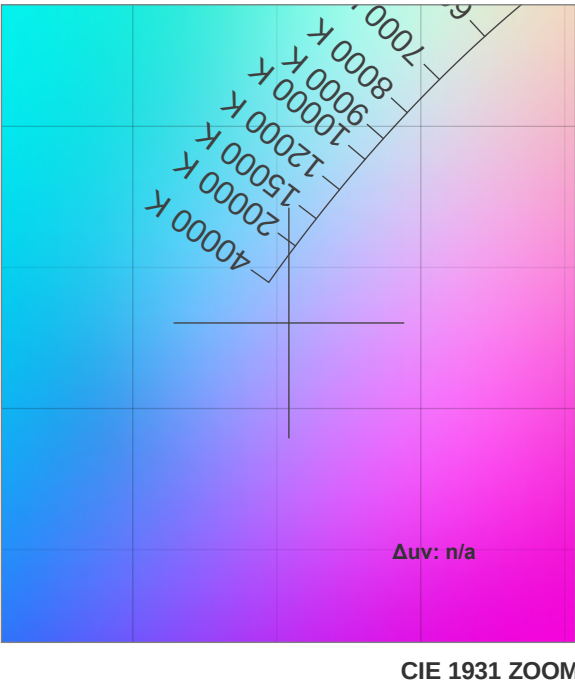
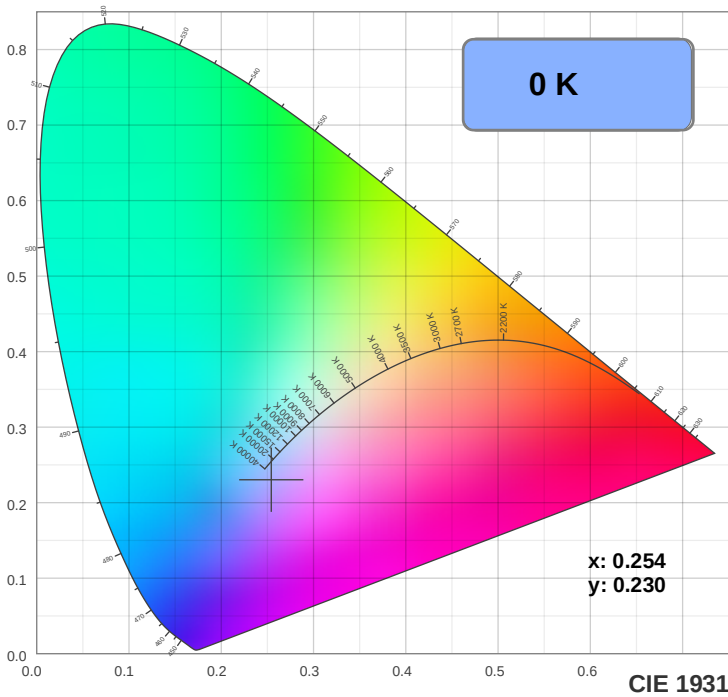
Dominant Wavelength: 463nm



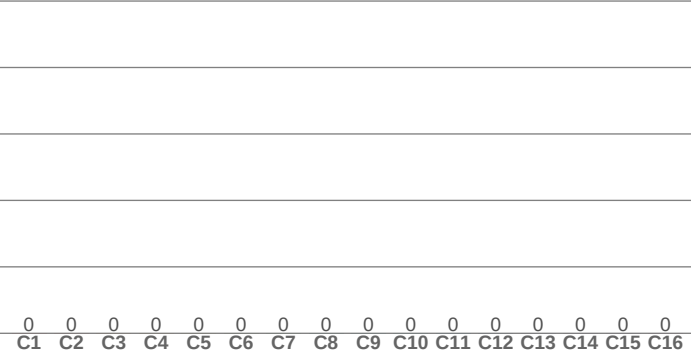
Power



Color Details



TM30: 0.0



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

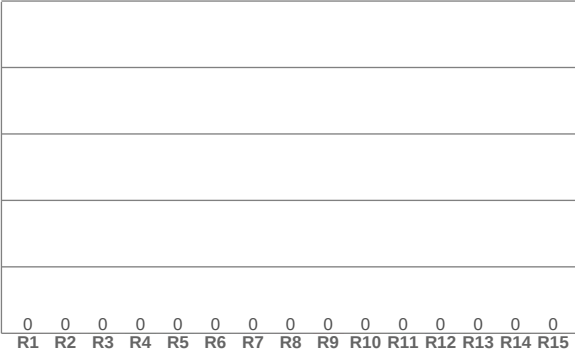
TM30 C values, 16 binned values out of total of 99 C values

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

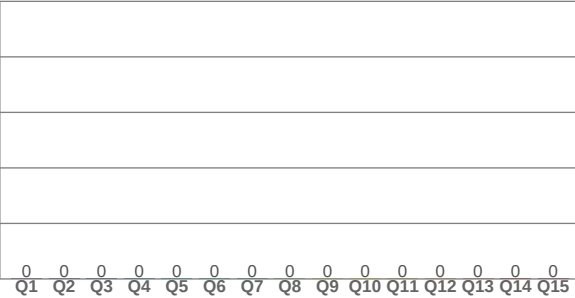
CQS Q values

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

CRI: 0.0 (R1-R8)



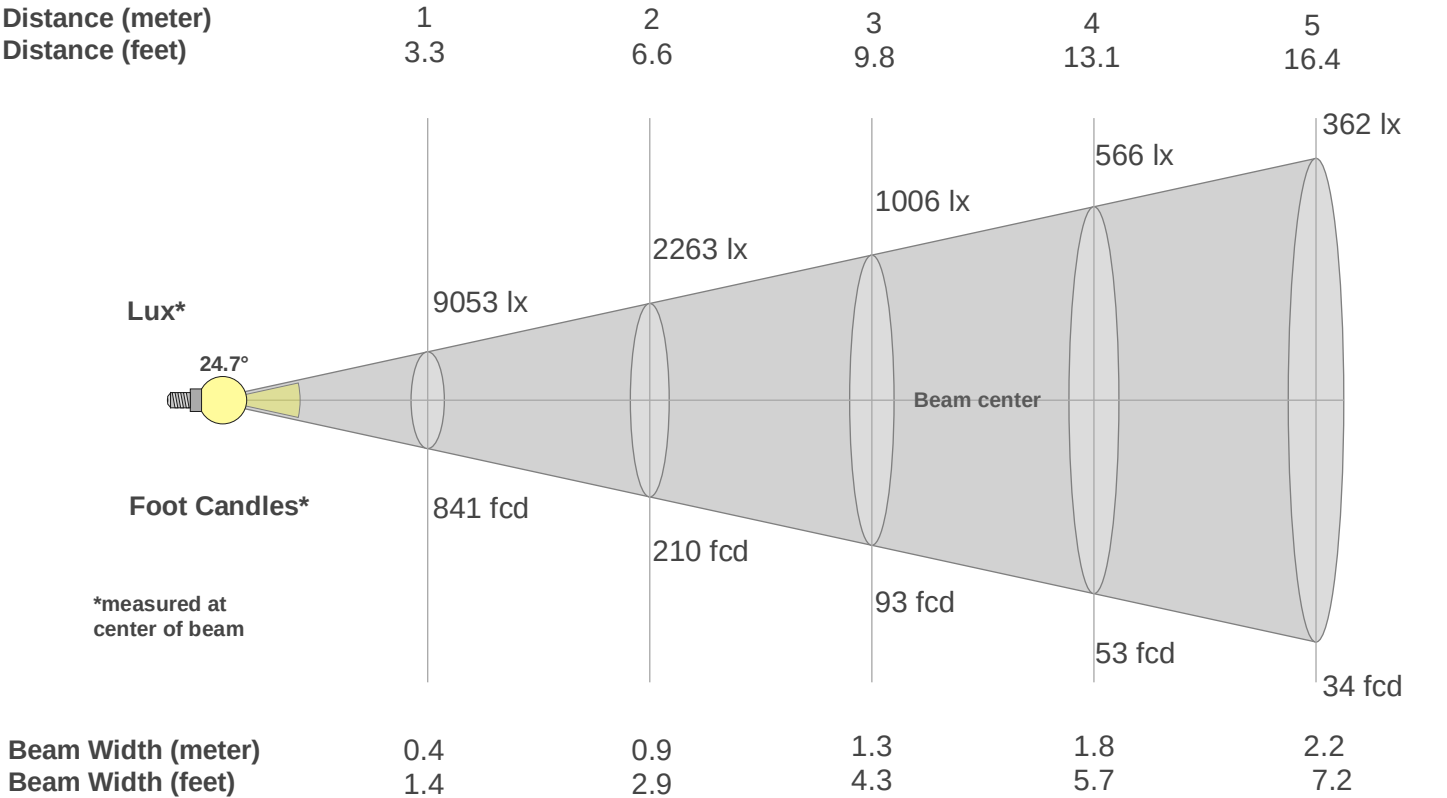
CQS: 0.0



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 Diviation 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	0.254	0.230	0.193	0.263	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	9053	2263	1006	566	362	251	185	141	112	91	75	63	54	46	40	35	31	28	25	23
fcd	841	210.3	93.4	52.6	33.6	23.4	17.2	13.1	10.4	8.4	7	5.8	5	4.3	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°	
9053	9025	8990	8953	8913	8831	8618	8280	7810	7163	6444	5624	4810	4039	3327	2692	2166	1695	1351	1037	
100%	100%	99%	99%	98%	98%	95%	91%	86%	79%	71%	62%	53%	45%	37%	30%	24%	19%	15%	11%	

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°	
9053	9025	8990	8953	8913	8831	8618	8280	7810	7163	6444	5624	4810	4039	3327	2692	2166	1695	1351	1037	
100%	100%	99%	99%	98%	98%	95%	91%	86%	79%	71%	62%	53%	45%	37%	30%	24%	19%	15%	11%	

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°	
9053	9069	9074	9058	9034	8927	8768	8404	7912	7250	6481	5659	4831	4013	3262	2578	2005	1549	1164	913	
100%	100%	100%	100%	100%	99%	97%	93%	87%	80%	72%	63%	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°	
9053	9069	9074	9058	9034	8927	8768	8404	7912	7250	6481	5659	4831	4013	3262	2578	2005	1549	1164	913	
100%	100%	100%	100%	100%	99%	97%	93%	87%	80%	72%	63%	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%