

UBL6H



Light Efficiency:

29 Lumen/Watt

Light Quality:

CRI: 63.3

Color Temperature:

7961 K

Output: 764 lm

Peak: 4011 cd

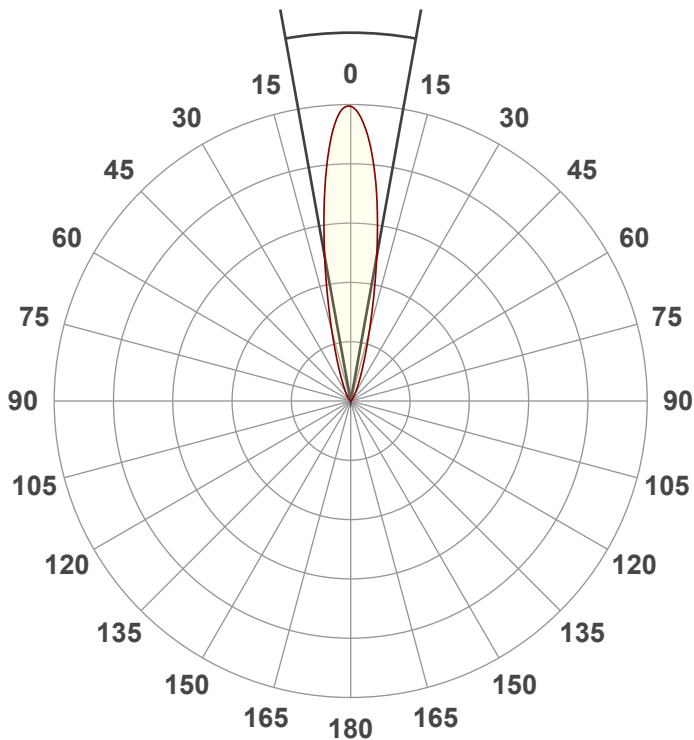
Power: 26.1 W

PF: 0.56



Beam Angle

20.4°



Test:

Full On Frost Filter

Date:

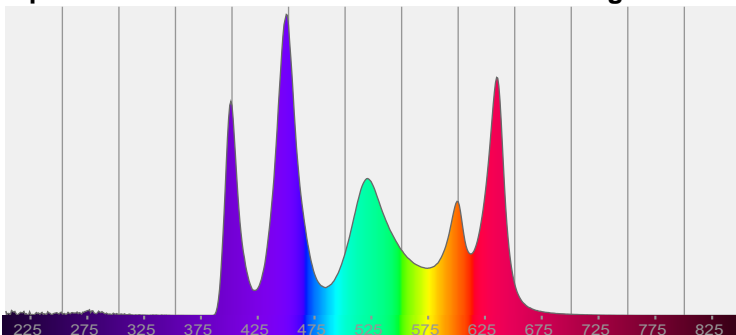
2/2/2024

Note:

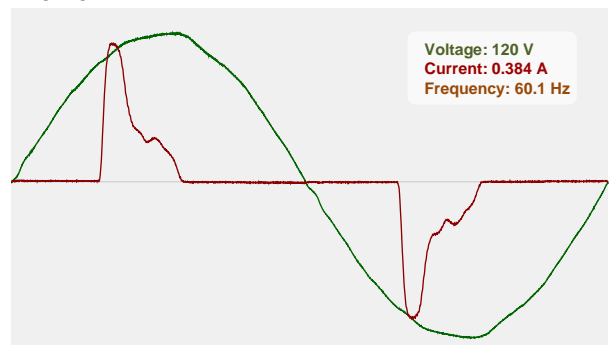
CIE 1931
x: 0.306
y: 0.273

Spectra

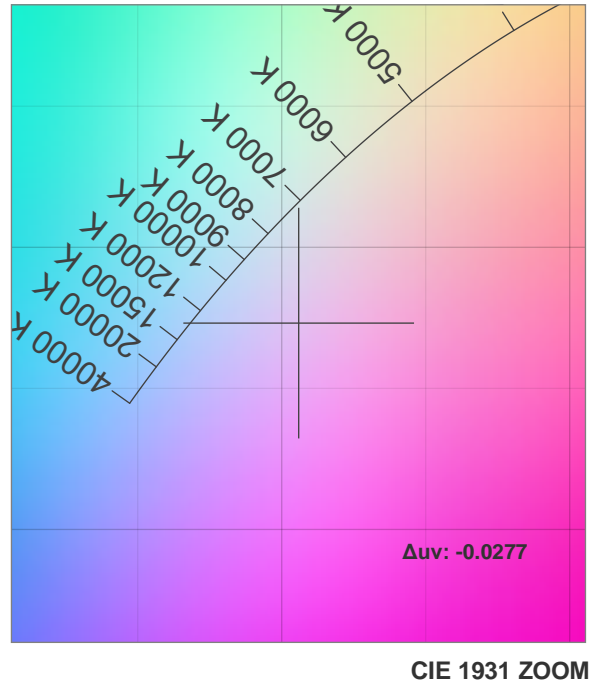
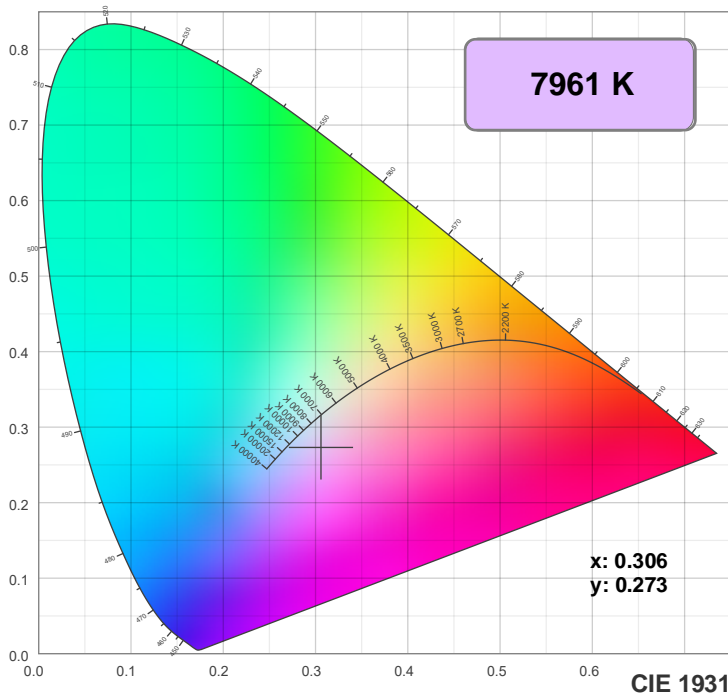
Dominant Wavelength: 360nm



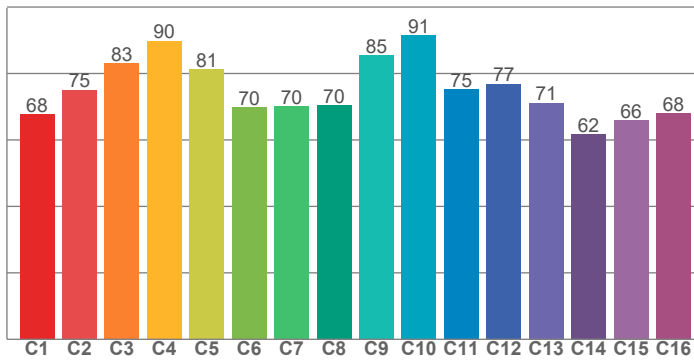
Power



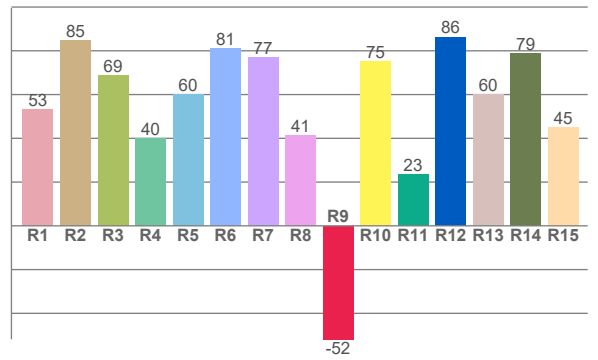
Color Details



TM30: 76.7



CRI: 63.3 (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
53.3	84.6	69.0	40.0	60.1	81.1	77.0	41.5	-51.9	75.3	23.4	86.4	60.1	78.8	45.2

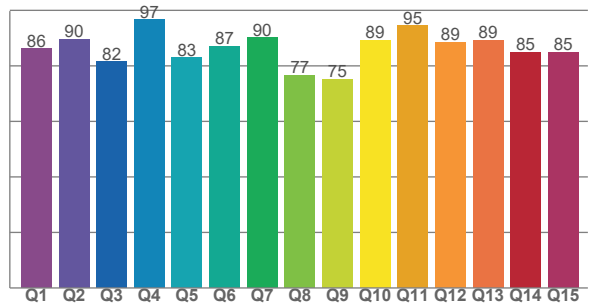
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67.7	75.0	82.9	89.9	81.2	69.8	70.0	70.4	85.4	91.4	75.1	76.8	71.1	61.7	65.9	68.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86.3	89.6	81.6	96.6	82.9	87.1	90.2	76.7	75.3	89.3	94.6	88.6	89.3	84.9	84.9

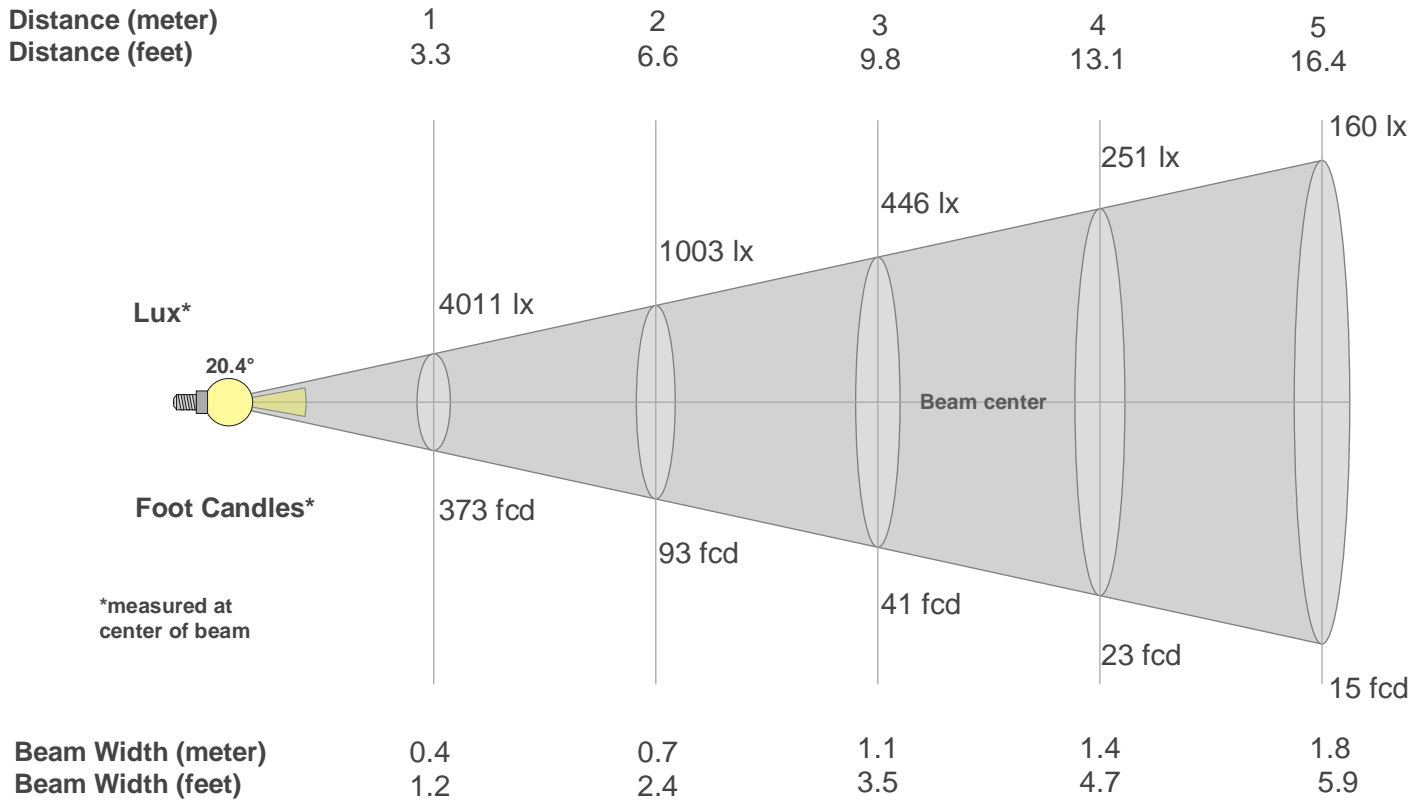
CQS: 85.4



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
7961 K	63.3	-51.9	76.7	122.0	85.4	0.306	0.273	0.216	0.289	-0.0277

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	4011	1003	446	251	160	111	82	63	50	40	33	28	24	20	18	16	14	12	11	10
fcd	372.6	93.2	41.4	23.3	14.9	10.4	7.6	5.8	4.6	3.7	3.1	2.6	2.2	1.9	1.7	1.5	1.3	1.2	1	0.9

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°
4011	3946	3645	3167	2608	2054	1562	1159	853	624	461	348	265	204	160	126	98	85	70	55
100%	98%	91%	79%	65%	51%	39%	29%	21%	16%	12%	9%	7%	5%	4%	3%	2%	2%	2%	1%

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°
4011	3946	3645	3167	2608	2054	1562	1159	853	624	461	348	265	204	160	126	98	85	70	55
100%	98%	91%	79%	65%	51%	39%	29%	21%	16%	12%	9%	7%	5%	4%	3%	2%	2%	2%	1%

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°
4011	3867	3561	3125	2604	2055	1553	1140	830	613	456	344	263	204	160	127	101	84	69	57
100%	96%	89%	78%	65%	51%	39%	28%	21%	15%	11%	9%	7%	5%	4%	3%	3%	2%	2%	1%

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°
4011	3867	3561	3125	2604	2055	1553	1140	830	613	456	344	263	204	160	127	101	84	69	57
100%	96%	89%	78%	65%	51%	39%	28%	21%	15%	11%	9%	7%	5%	4%	3%	3%	2%	2%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
20.4°	41.9°	63.8°	99.0%	96.2%