

UBL6H



Light Efficiency:

33 Lumen/Watt

Light Quality:

CRI: 64.0

Color Temperature:

8915 K

Output: 859 lm

Peak: 8982 cd

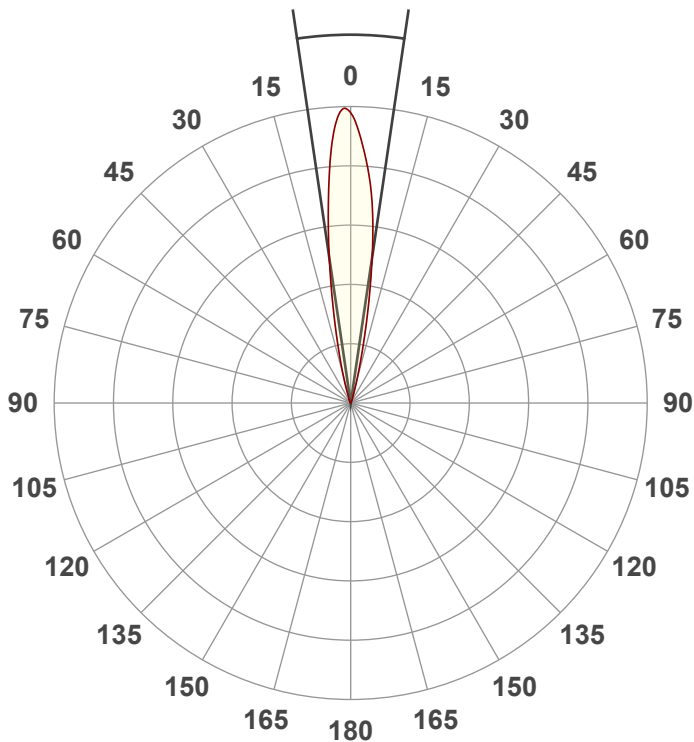
Power: 25.7 W

PF: 0.57



Beam Angle

16.7°



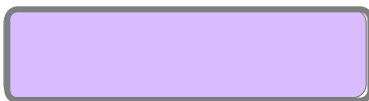
Test:

Full ON

Date:

2/1/2024

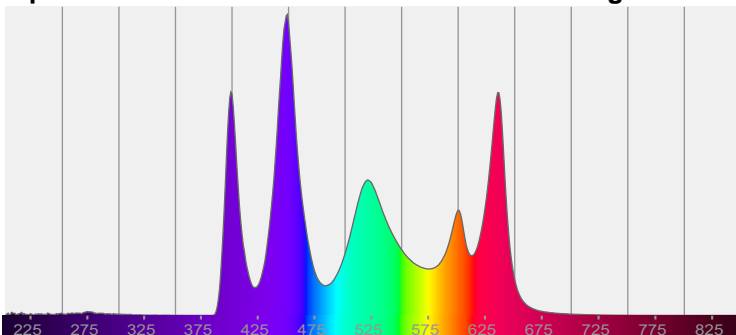
Note:



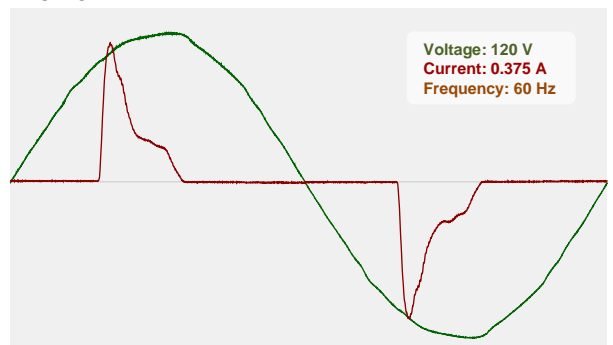
CIE 1931
x: 0.299
y: 0.269

Spectra

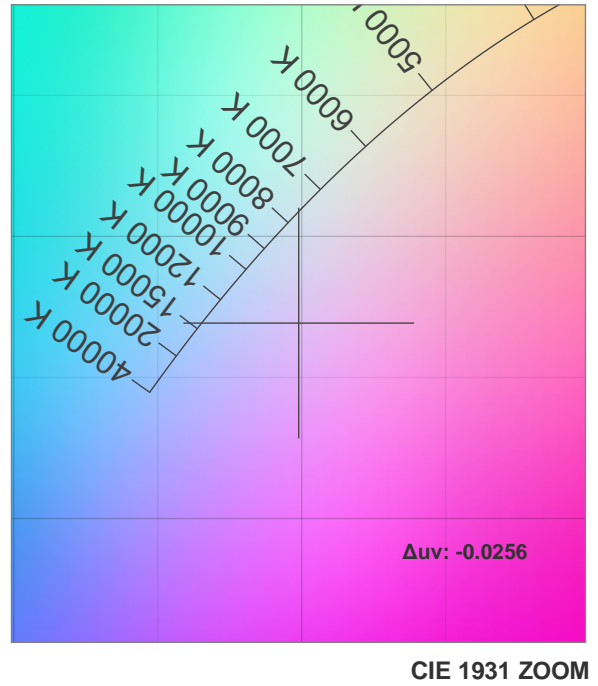
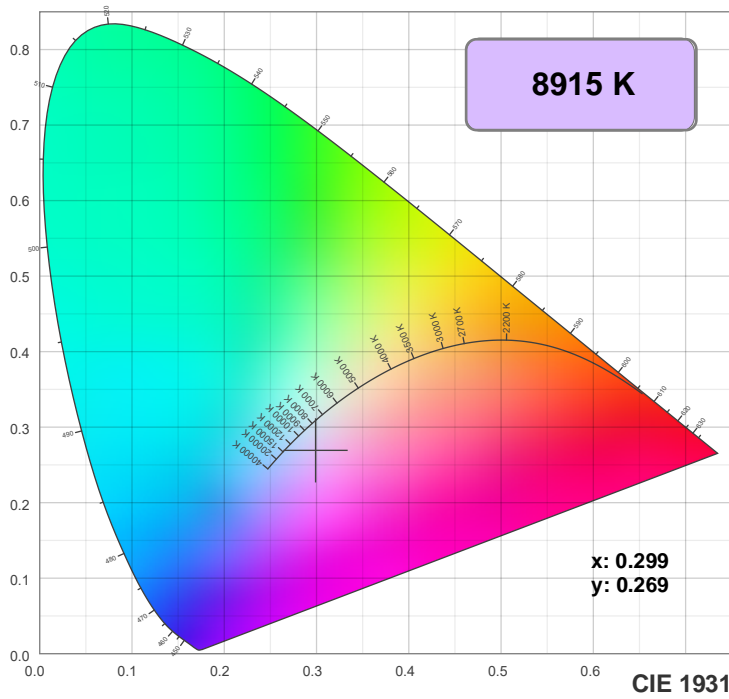
Dominant Wavelength: 360nm



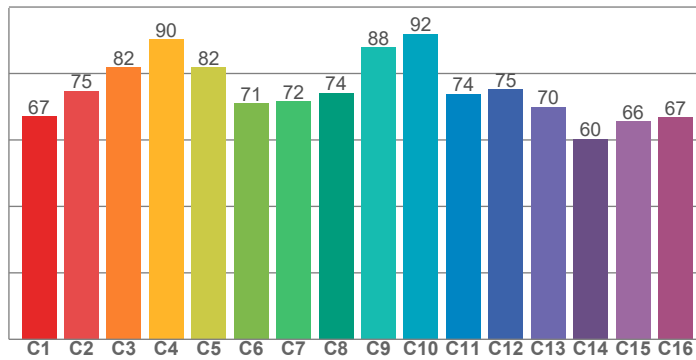
Power



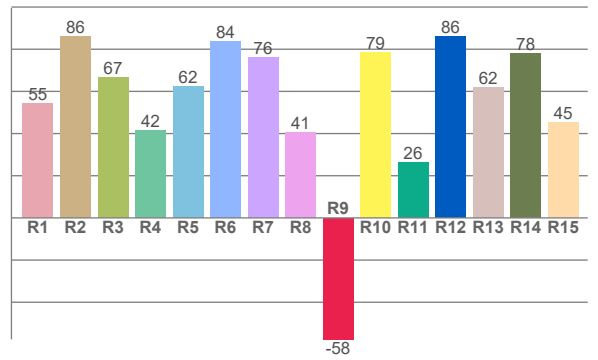
Color Details



TM30: 76.7



CRI: 64.0 (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
54.5	85.9	66.9	41.5	62.3	83.7	76.1	40.7	-57.6	78.6	26.2	86.0	61.7	77.9	45.4

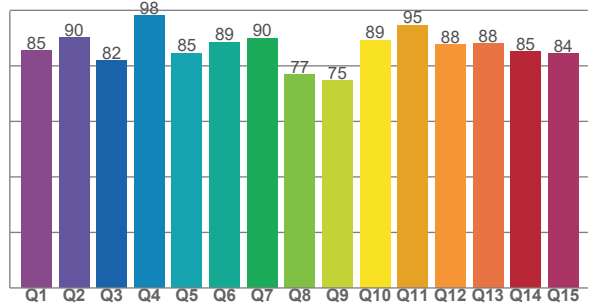
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67.1	74.8	81.8	90.3	81.9	70.9	71.6	74.1	87.8	92.0	73.9	75.3	70.0	60.3	65.6	66.8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85.4	90.1	81.8	98.2	84.5	88.5	90.0	76.8	74.7	89.3	94.7	87.7	88.0	85.2	84.3

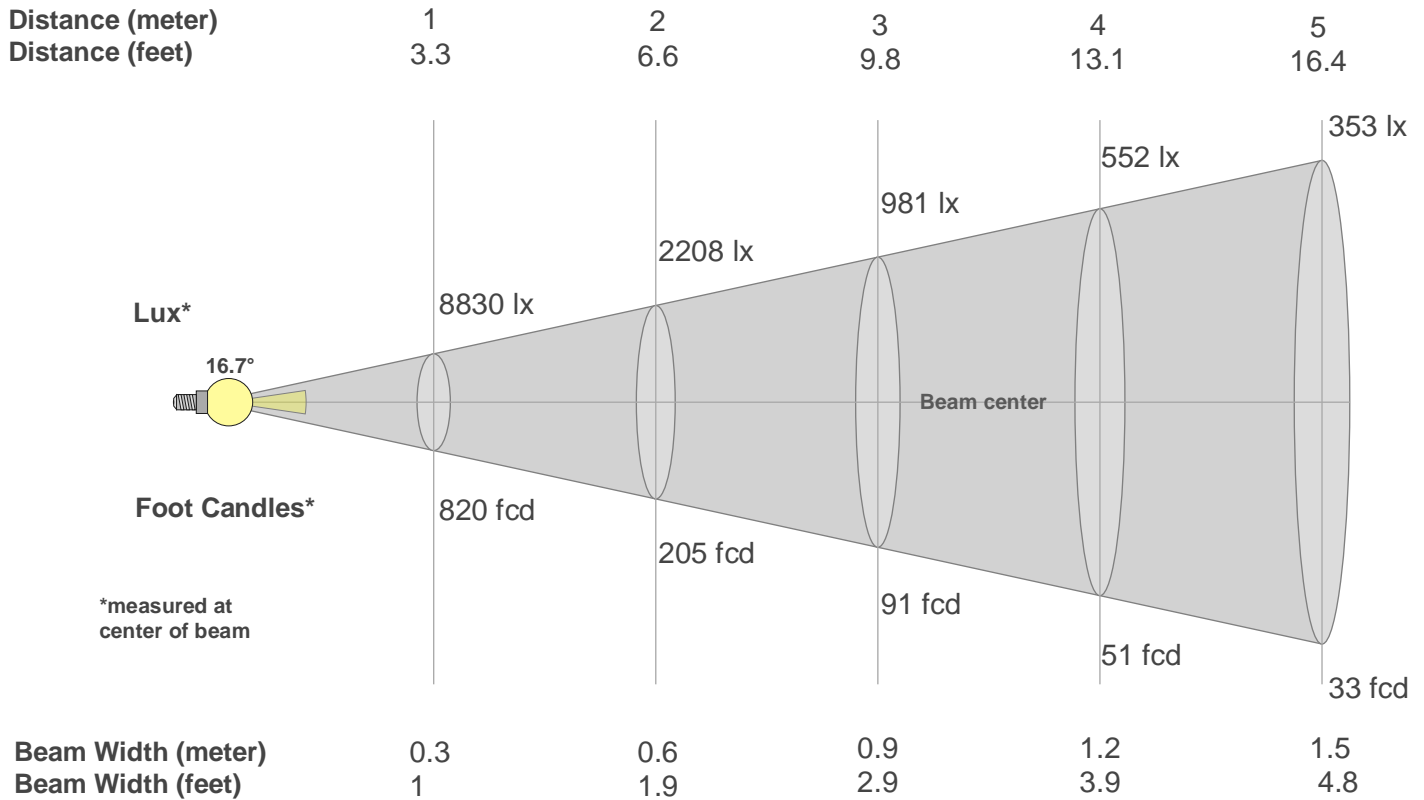
CQS: 85.4



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
8915 K	64.0	-57.6	76.7	121.3	85.4	0.299	0.269	0.212	0.287	-0.0256

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	8830	2208	981	552	353	245	180	138	109	88	73	61	52	45	39	34	31	27	24	22
fcd	820.4	205.1	91.2	51.3	32.8	22.8	16.7	12.8	10.1	8.2	6.8	5.7	4.9	4.2	3.6	3.2	2.8	2.5	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°
8830	8957	8868	8540	7999	7271	6443	5609	4794	3995	3253	2598	2040	1580	1211	912	674	488	353	263
100%	101%	100%	97%	91%	82%	73%	64%	54%	45%	37%	29%	23%	18%	14%	10%	8%	6%	4%	3%

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°
8830	8957	8868	8540	7999	7271	6443	5609	4794	3995	3253	2598	2040	1580	1211	912	674	488	353	263
100%	101%	100%	97%	91%	82%	73%	64%	54%	45%	37%	29%	23%	18%	14%	10%	8%	6%	4%	3%

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°
8830	8549	8149	7708	7248	6753	6188	5529	4787	4003	3251	2556	1938	1434	1037	745	546	405	308	242
100%	97%	92%	87%	82%	76%	70%	63%	54%	45%	37%	29%	22%	16%	12%	8%	6%	5%	3%	3%

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°
8830	8549	8149	7708	7248	6753	6188	5529	4787	4003	3251	2556	1938	1434	1037	745	546	405	308	242
100%	97%	92%	87%	82%	76%	70%	63%	54%	45%	37%	29%	22%	16%	12%	8%	6%	5%	3%	3%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
16.7°	29.5°	38.9°	100.0%	100.0%