

UBL6H



Light Efficiency:

20 Lumen/Watt

Light Quality:

CRI: -19.9

Color Temperature:

1376 K

Output: 351 lm

Peak: 4669 cd

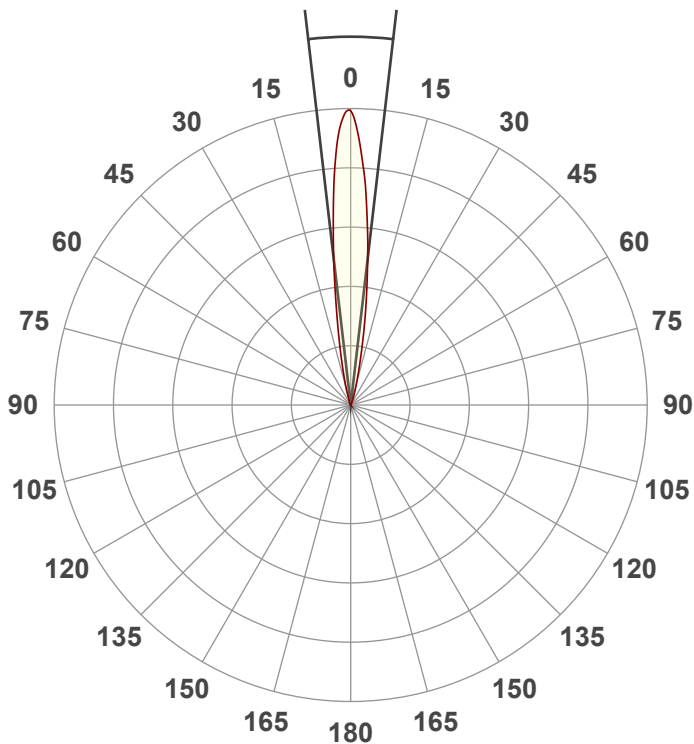
Power: 17.7 W

PF: 0.55



Beam Angle

13.2°



Test:

Amber

Date:

2/1/2024

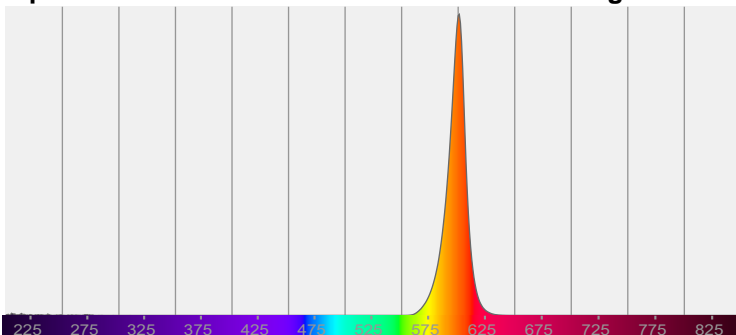
Note:



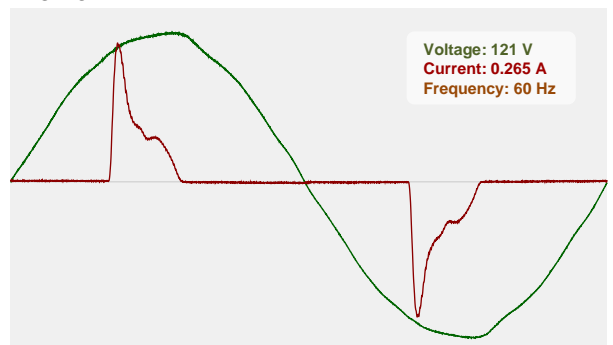
CIE 1931
x: 0.609
y: 0.391

Spectra

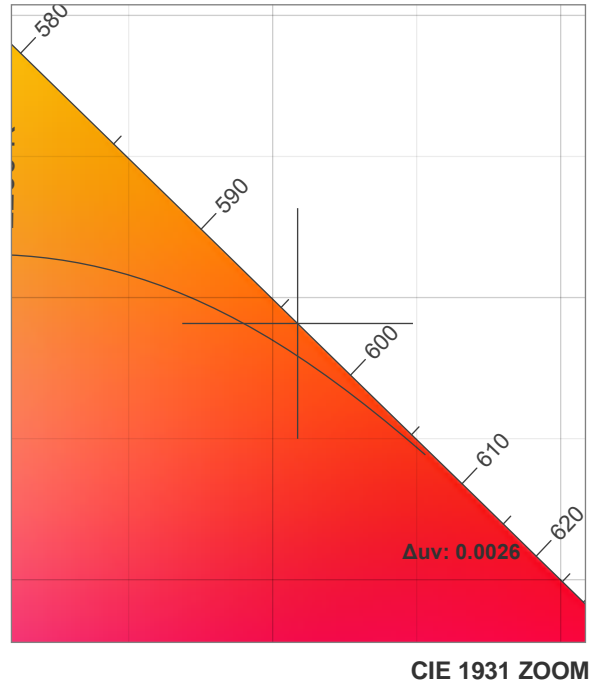
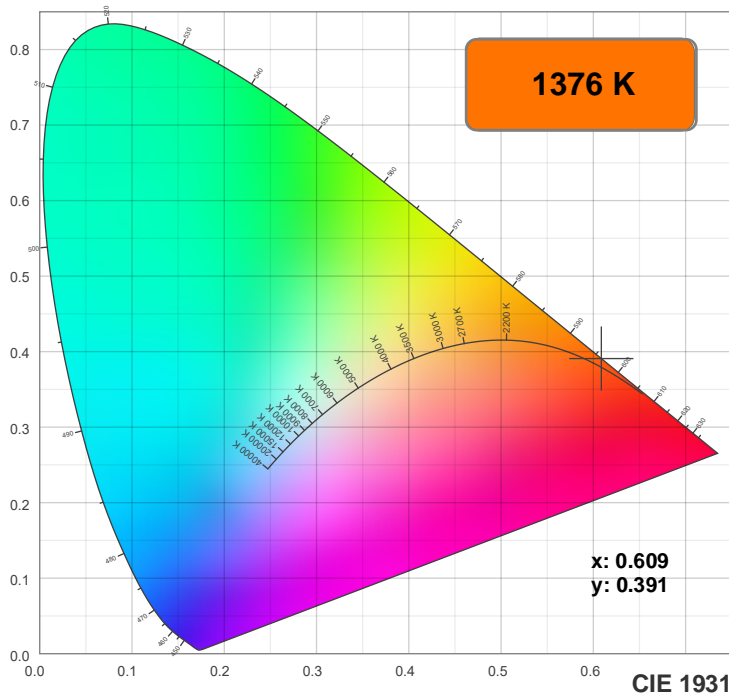
Dominant Wavelength: 596nm



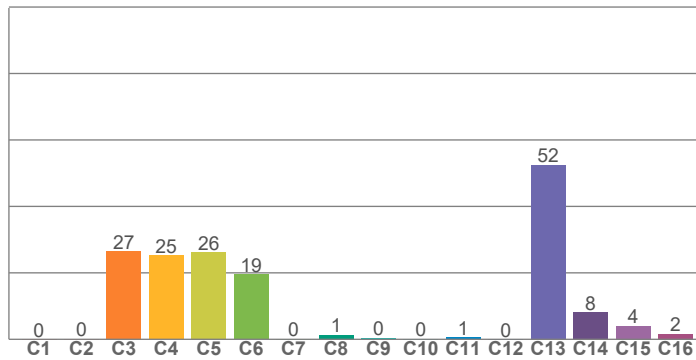
Power



Color Details



TM30: 1.5



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
-29.6	57.5	11.1	-67.4	-39.2	54.0	-11.2	-134.0	-368.6	40.2	-88.5	12.6	-9.0	43.2	-65.5

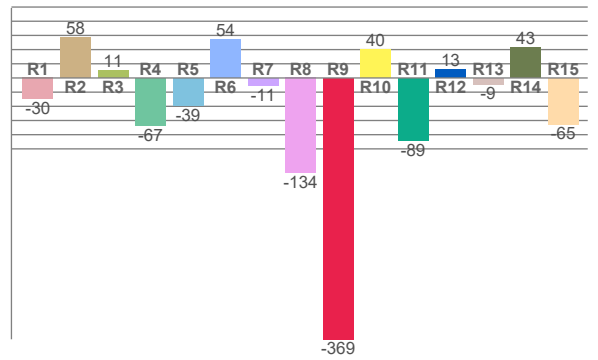
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.1	26.5	25.2	26.2	19.5	0.2	1.4	0.4	0.0	0.6	0.0	52.4	8.1	4.0	1.7

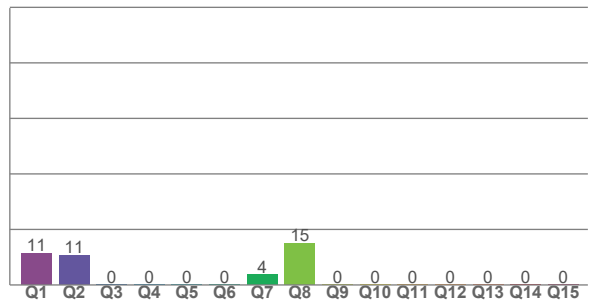
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
11.4	10.8	0.0	0.0	0.0	0.2	3.8	15.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

CRI: -19.9 (R1-R8)



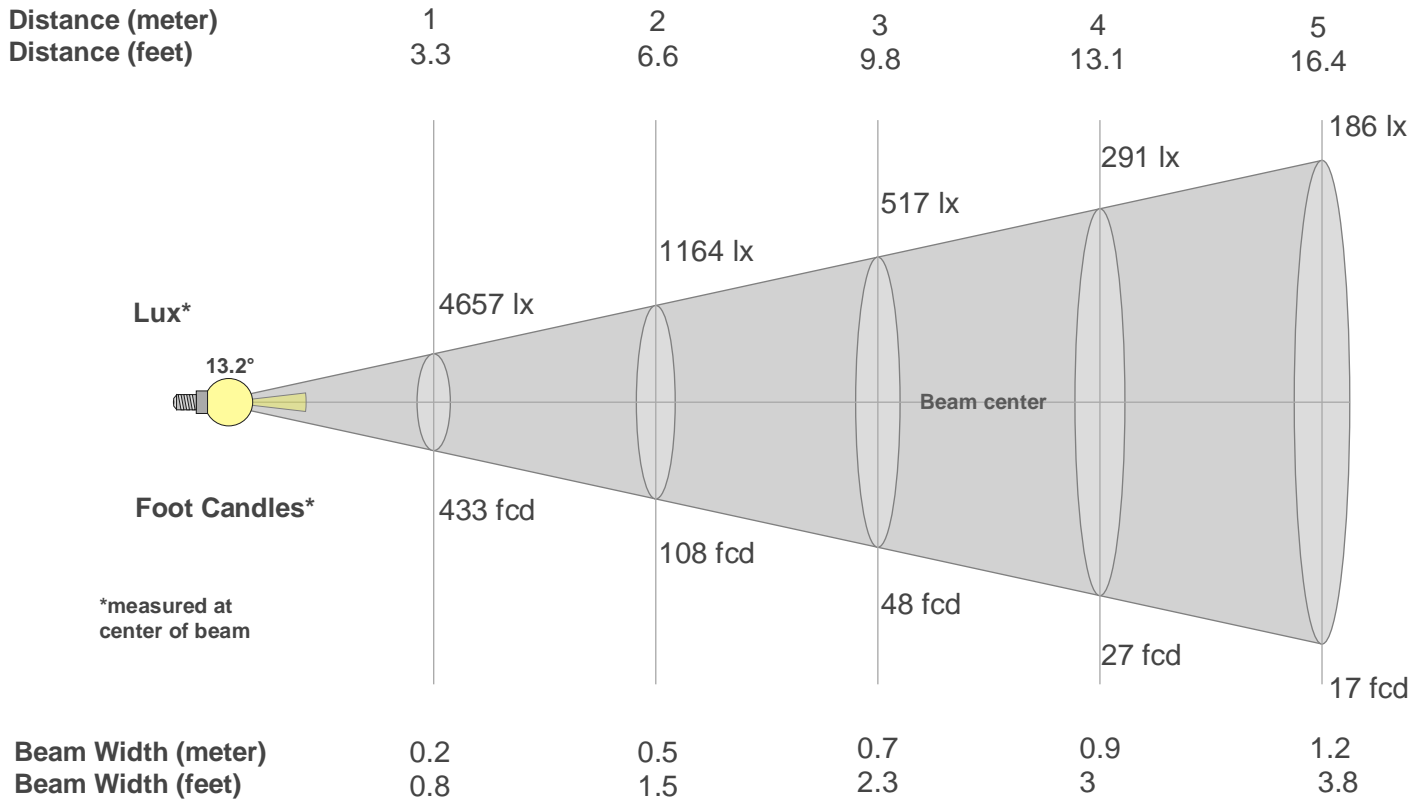
CQS: 0.0



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
1376 K	-19.9	-368.6	1.5	0.0	0.0	0.609	0.391	0.376	0.362	0.0026

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	4657	1164	517	291	186	129	95	73	57	47	38	32	28	24	21	18	16	14	13	12
fcd	432.6	108.2	48.1	27	17.3	12	8.8	6.8	5.3	4.3	3.6	3	2.6	2.2	1.9	1.7	1.5	1.3	1.2	1.1

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°
4657	4636	4455	4139	3686	3149	2630	2158	1714	1351	1056	822	632	485	367	279	207	149	112	89
100%	100%	96%	89%	79%	68%	56%	46%	37%	29%	23%	18%	14%	10%	8%	6%	4%	3%	2%	2%

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°
4657	4636	4455	4139	3686	3149	2630	2158	1714	1351	1056	822	632	485	367	279	207	149	112	89
100%	100%	96%	89%	79%	68%	56%	46%	37%	29%	23%	18%	14%	10%	8%	6%	4%	3%	2%	2%

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°
4657	4462	4143	3785	3416	2983	2587	2185	1826	1508	1212	949	744	582	455	357	281	220	173	135
100%	96%	89%	81%	73%	64%	56%	47%	39%	32%	26%	20%	16%	12%	10%	8%	6%	5%	4%	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°
4657	4462	4143	3785	3416	2983	2587	2185	1826	1508	1212	949	744	582	455	357	281	220	173	135
100%	96%	89%	81%	73%	64%	56%	47%	39%	32%	26%	20%	16%	12%	10%	8%	6%	5%	4%	3%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
13.2°	27°	37.5°	100.0%	99.9%