



Light Efficiency:

30 Lumen/Watt

Light Quality:

CRI: -22.5

Color Temperature:

1462 K

Output: 196 lm

Peak: 829 cd

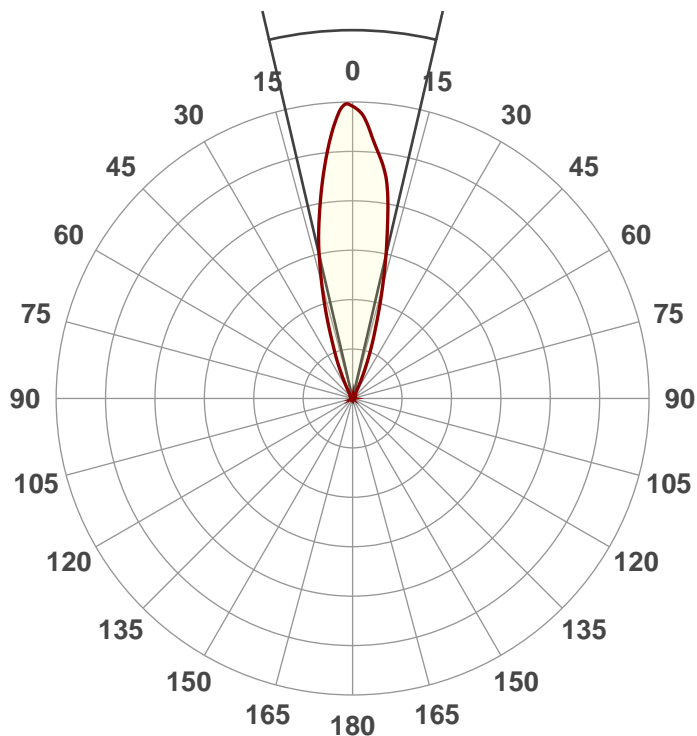
Power: 6.5 W

PF: 0.54



Beam Angle

26.2°



Product Name:

UB 6H

Test:

Amber

Date:

4/20/2018

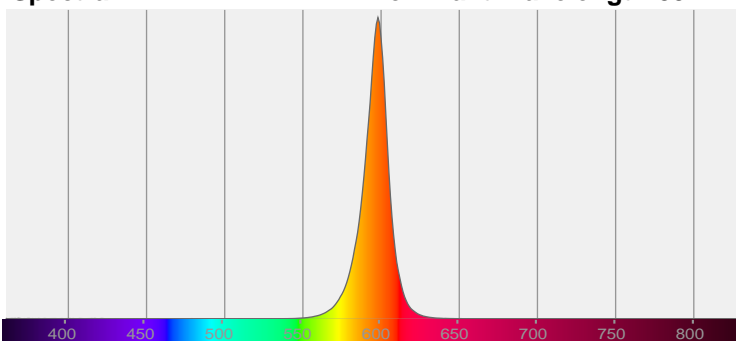
Note:



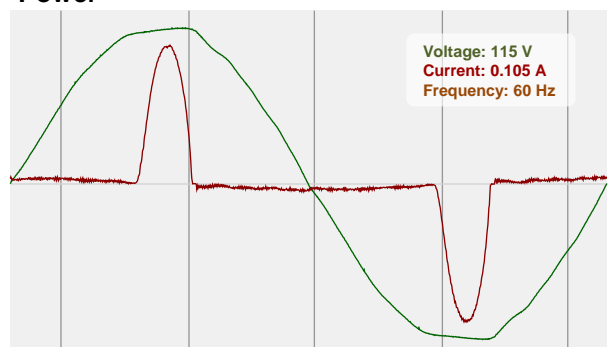
CIE 1931
x: 0.600
y: 0.400

Spectra

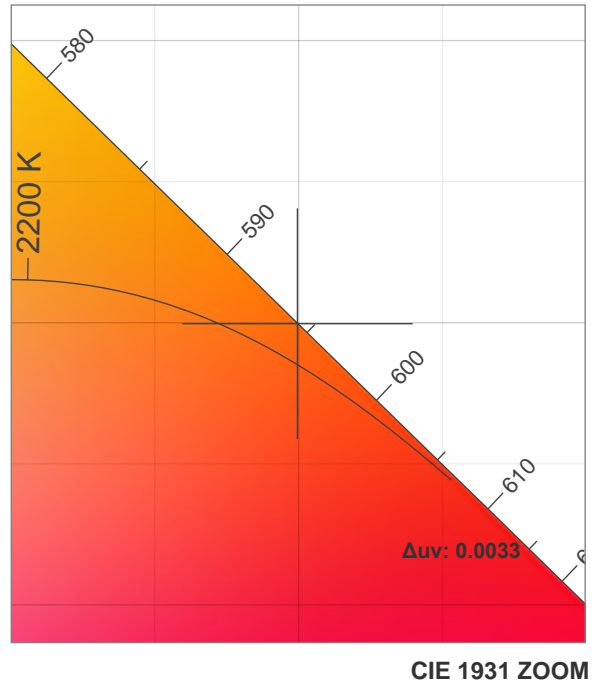
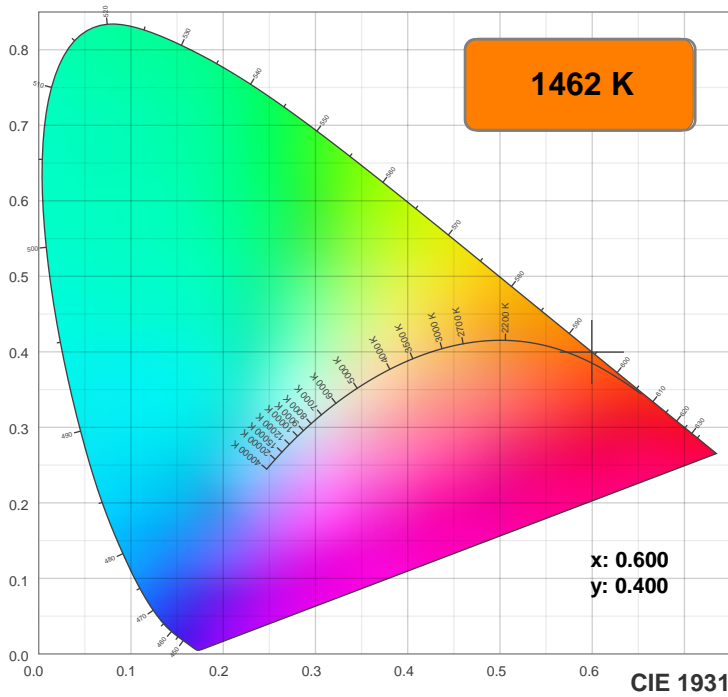
Dominant Wavelength: 594nm



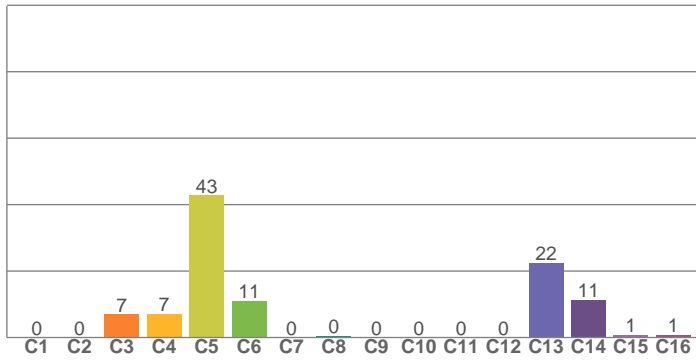
Power



Color Details



TM30: 0.4



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
-34.1	54.9	12.5	-70.3	-42.7	48.0	-11.1	-137.2	-384.3	35.1	-94.9	1.8	-13.4	43.4	-68.8

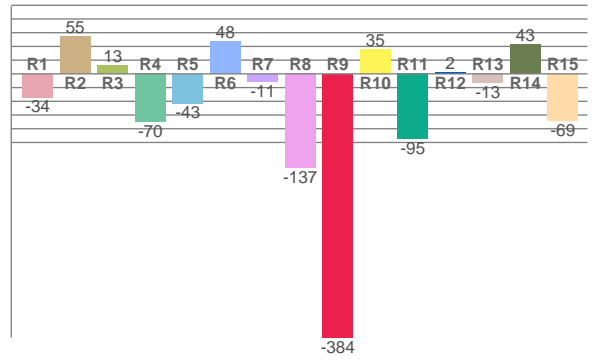
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	6.9	7.0	42.7	11.0	0.1	0.5	0.1	0.0	0.1	0.0	22.4	11.4	0.8	0.8

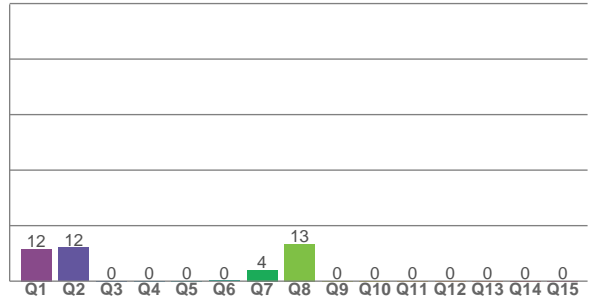
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
11.6	12.1	0.0	0.0	0.1	0.3	4.0	13.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1

CRI: -22.5 (R1-R8)



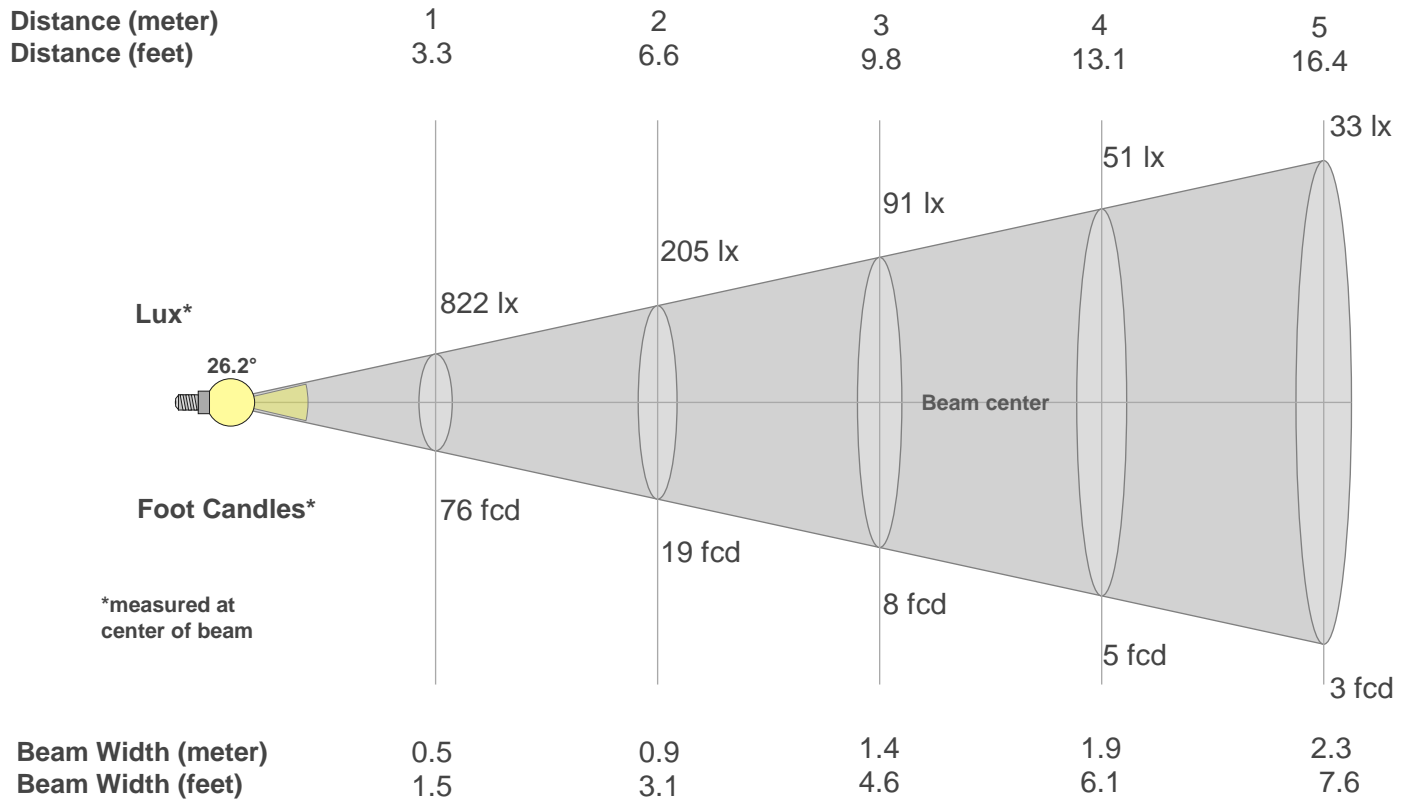
CQS: 0.0



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
1462 K	-22.5	-384.3	0.4	1.8	0.0	0.600	0.400	0.364	0.364	0.0033

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	822	205	91	51	33	23	17	13	10	8	7	6	5	4	4	3	3	3	2	2
fcd	76.3	19.1	8.5	4.8	3.1	2.1	1.6	1.2	0.9	0.8	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2

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°
822	819	766	692	613	534	459	377	297	225	164	121	84	56	37	26	19	14	11	8
100%	100%	93%	84%	75%	65%	56%	46%	36%	27%	20%	15%	10%	7%	5%	3%	2%	2%	1%	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°
822	819	766	692	613	534	459	377	297	225	164	121	84	56	37	26	19	14	11	8
100%	100%	93%	84%	75%	65%	56%	46%	36%	27%	20%	15%	10%	7%	5%	3%	2%	2%	1%	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°
822	798	745	694	645	571	467	372	284	210	155	107	69	42	25	16	11	8	6	5
100%	97%	91%	84%	79%	69%	57%	45%	35%	26%	19%	13%	8%	5%	3%	2%	1%	1%	1%	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°
822	798	745	694	645	571	467	372	284	210	155	107	69	42	25	16	11	8	6	5
100%	97%	91%	84%	79%	69%	57%	45%	35%	26%	19%	13%	8%	5%	3%	2%	1%	1%	1%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
26.2°	47.3°	60.2°	99.3%	98.4%