



Light Efficiency:

34 Lumen/Watt

Light Quality:

CRI: 75.2

Color Temperature:

20985 K

Output: 1007 lm

Peak: 4330 cd

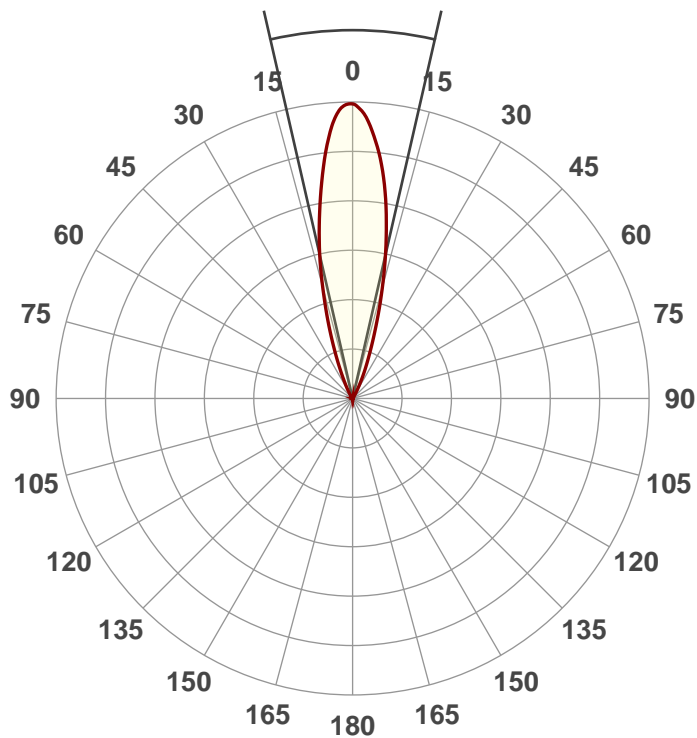
Power: 29.5 W

PF: 0.6



Beam Angle

25.8°



Product Name:

UB 6H

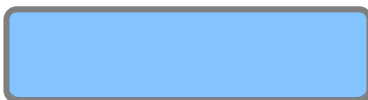
Test:

Full On No UV

Date:

4/20/2018

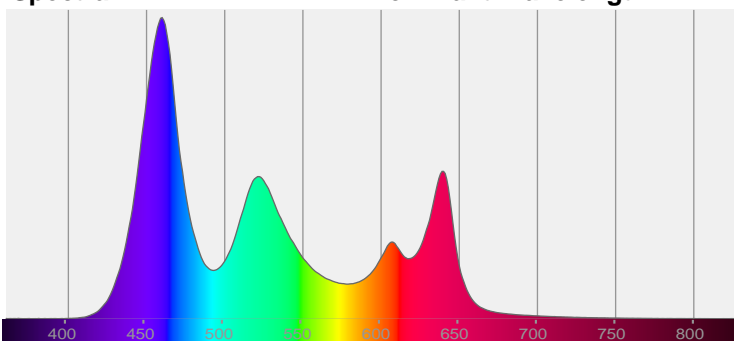
Note:



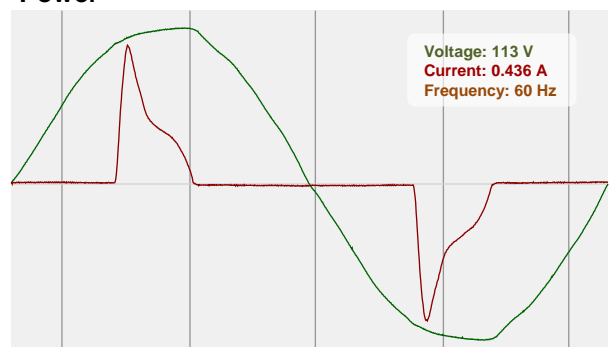
CIE 1931
x: 0.259
y: 0.253

Spectra

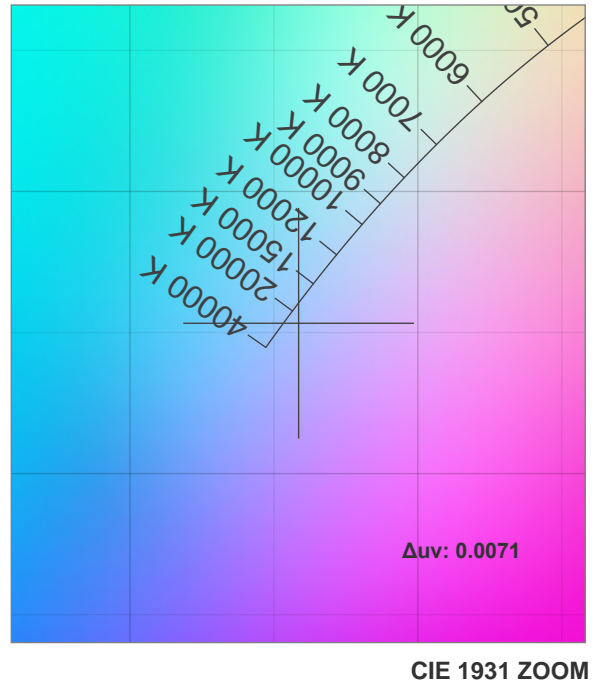
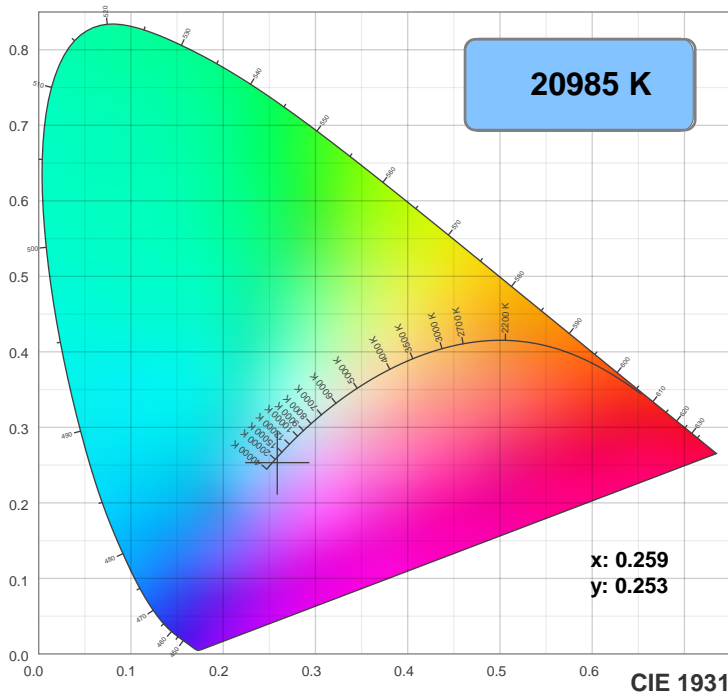
Dominant Wavelength: 471nm



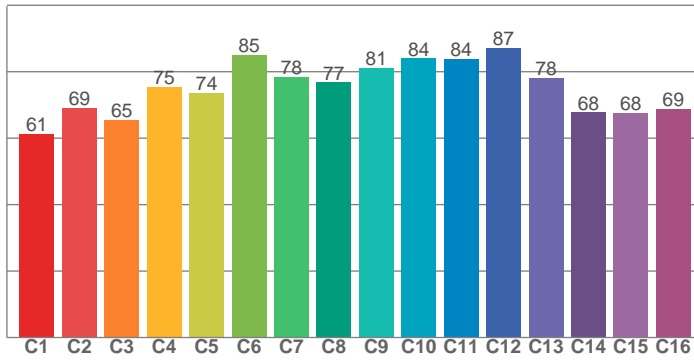
Power



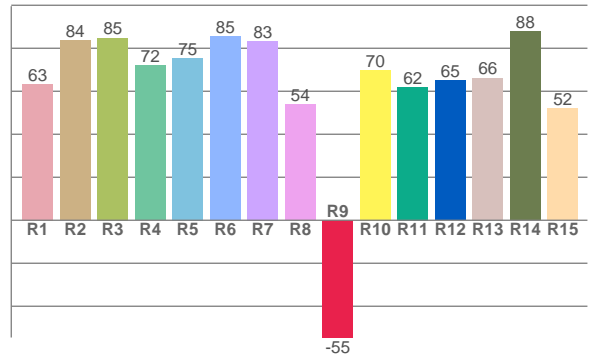
Color Details



TM30: 75.6



CRI: 75.2 (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
63.3	83.6	84.9	72.0	75.4	85.4	83.4	53.9	-54.5	69.8	62.0	64.9	66.3	87.8	52.0

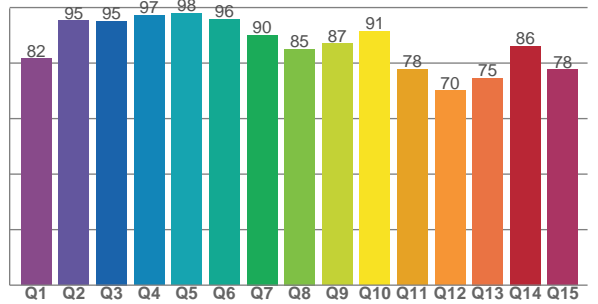
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
61.3	69.1	65.4	75.5	73.7	85.2	78.5	76.8	81.2	84.0	83.9	87.1	78.1	67.8	67.6	68.8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.7	95.4	95.2	97.3	98.0	95.8	90.1	85.0	87.0	91.4	77.8	70.1	74.6	86.1	77.6

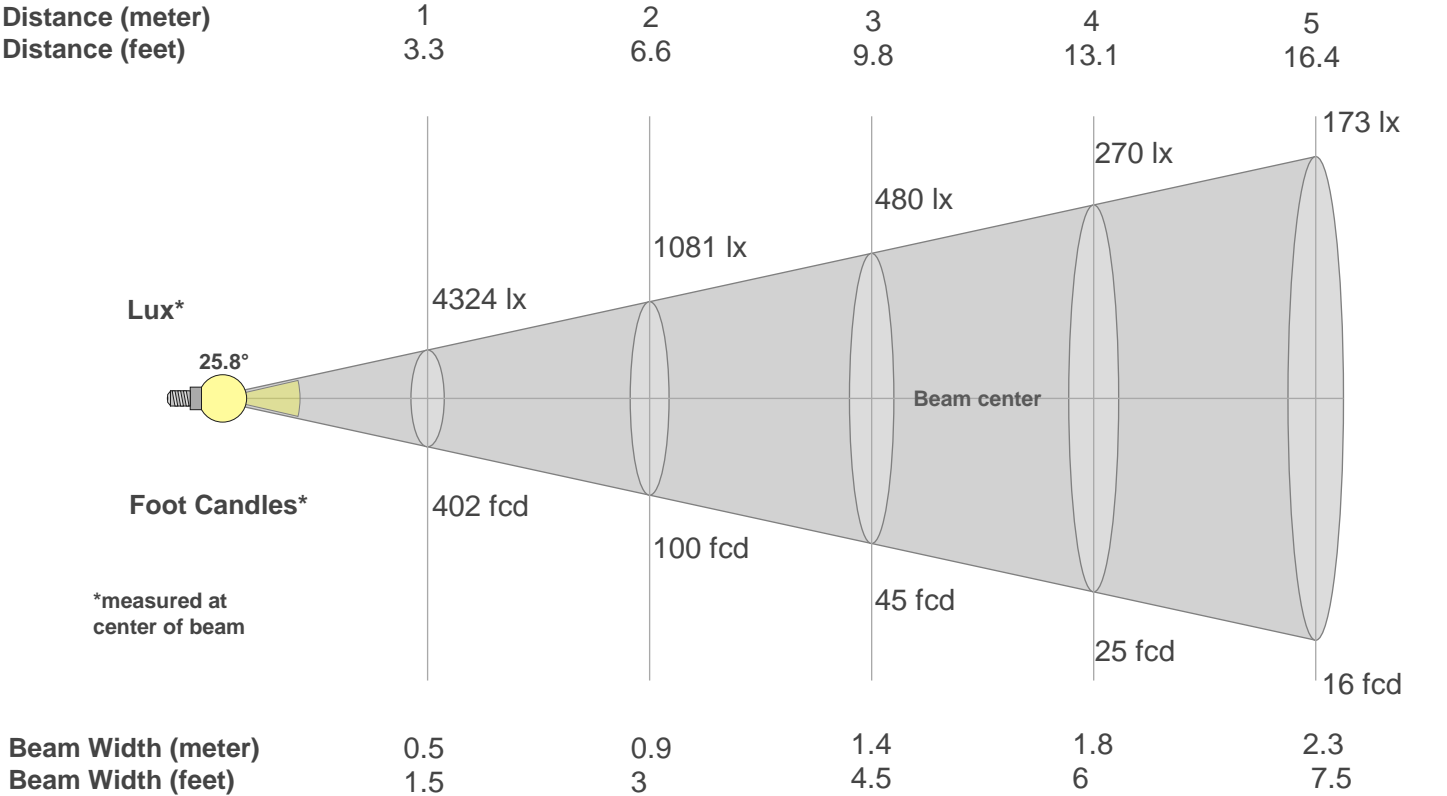
CQS: 84.3



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
20985 K	75.2	-54.5	75.6	106.5	84.3	0.259	0.253	0.187	0.275	0.0071

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	4324	1081	480	270	173	120	88	68	53	43	36	30	26	22	19	17	15	13	12	11
fcd	401.7	100.4	44.6	25.1	16.1	11.2	8.2	6.3	5	4	3.3	2.8	2.4	2	1.8	1.6	1.4	1.2	1.1	1

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°
4324	4283	4068	3692	3240	2787	2354	1924	1496	1134	824	580	399	270	183	125	86	59	42	32
100%	99%	94%	85%	75%	64%	54%	44%	35%	26%	19%	13%	9%	6%	4%	3%	2%	1%	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°	
4324	4283	4068	3692	3240	2787	2354	1924	1496	1134	824	580	399	270	183	125	86	59	42	32	
100%	99%	94%	85%	75%	64%	54%	44%	35%	26%	19%	13%	9%	6%	4%	3%	2%	1%	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°	
4324	4211	3967	3651	3273	2834	2368	1914	1482	1101	800	573	403	263	162	98	64	45	33	27	
100%	97%	92%	84%	76%	66%	55%	44%	34%	25%	18%	13%	9%	6%	4%	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°
4324	4211	3967	3651	3273	2834	2368	1914	1482	1101	800	573	403	263	162	98	64	45	33	27
100%	97%	92%	84%	76%	66%	55%	44%	34%	25%	18%	13%	9%	6%	4%	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
25.8°	47.2°	60.3°	99.5%	98.7%