



Light Efficiency:

35 Lumen/Watt

Light Quality:

CRI: 71.4

Color Temperature:

18176 K

Output: 1055 lm

Peak: 4521 cd

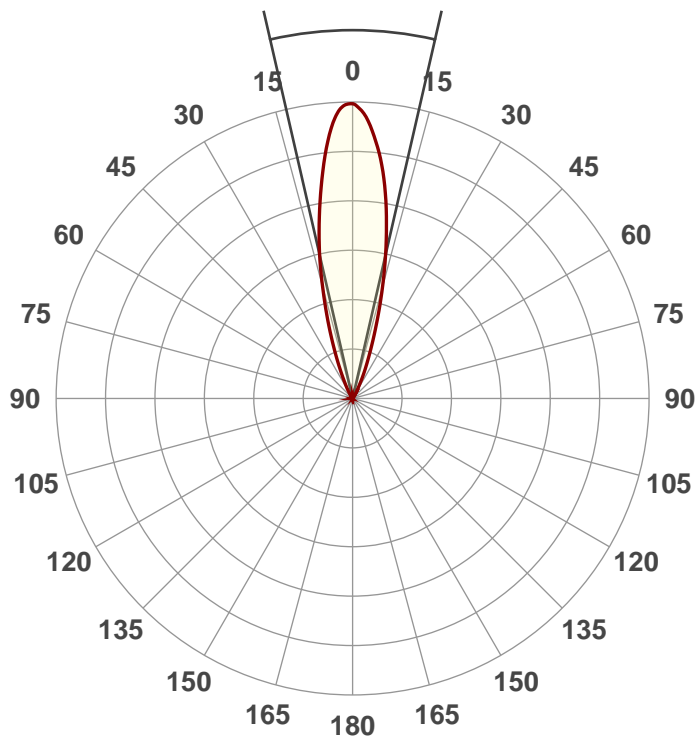
Power: 30.0 W

PF: 0.6



Beam Angle

25.9°



Product Name:

UB 6H

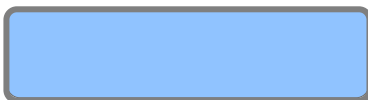
Test:

Full On

Date:

4/20/2018

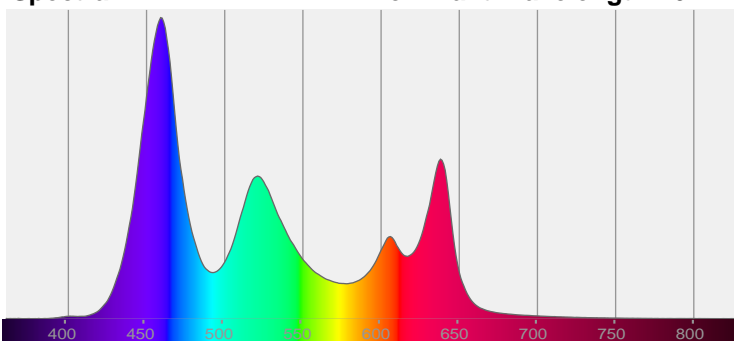
Note:



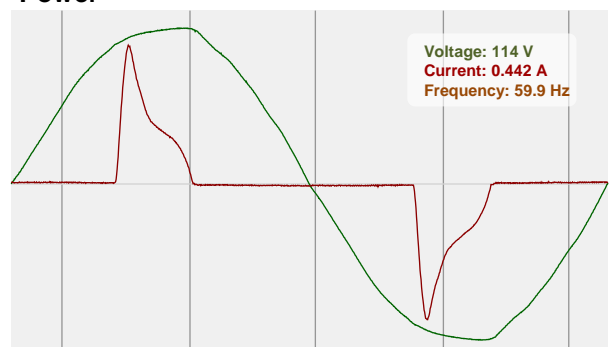
CIE 1931  
x: 0.265  
y: 0.254

Spectra

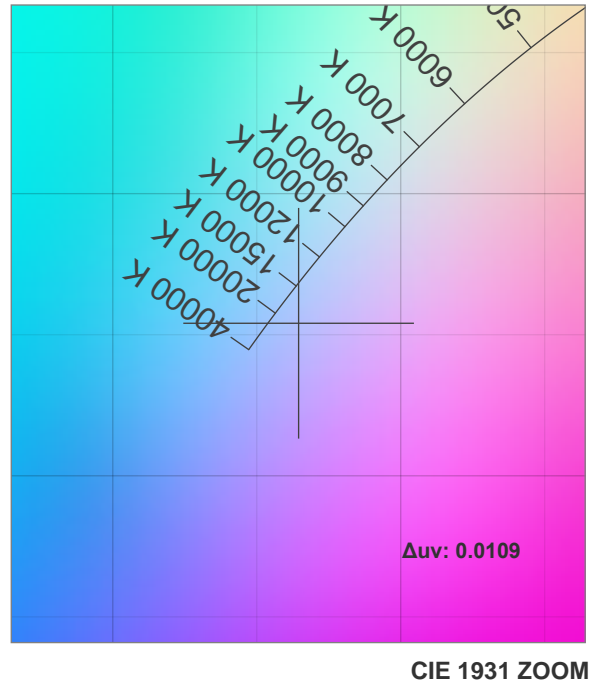
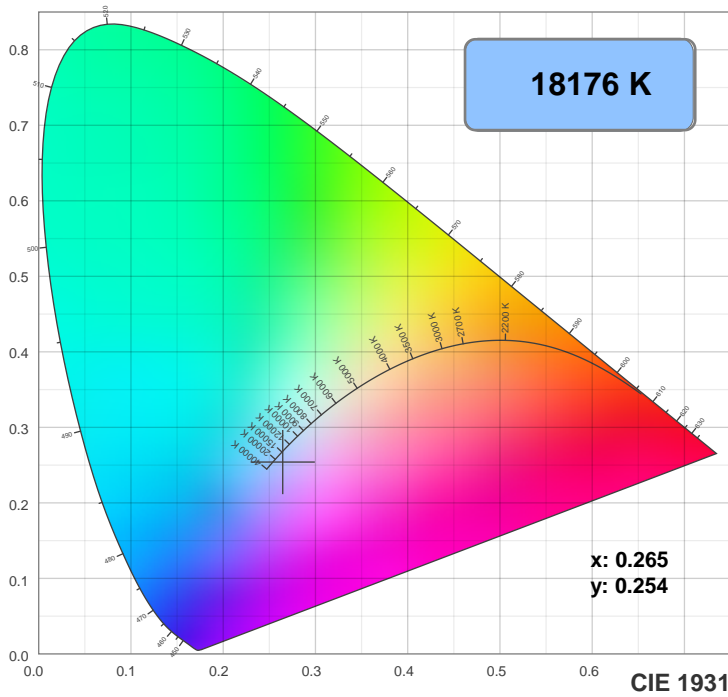
Dominant Wavelength: 467nm



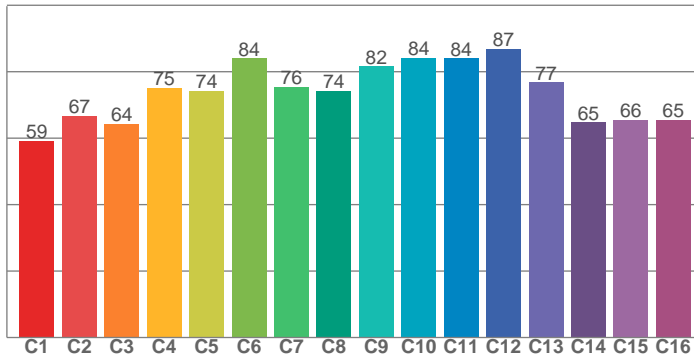
Power



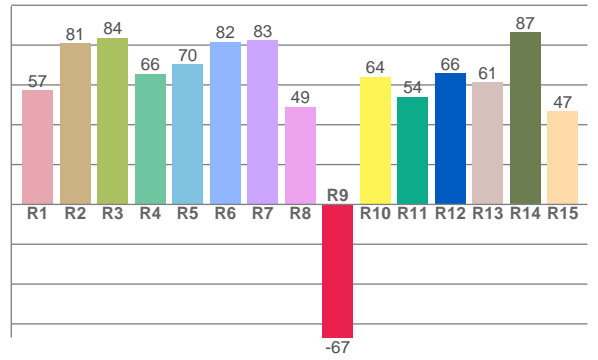
## Color Details



TM30: 74.6



CRI: 71.4 (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
57.5	80.8	83.6	65.6	70.2	81.7	82.6	49.1	-66.8	64.1	54.0	65.8	61.3	86.6	46.7

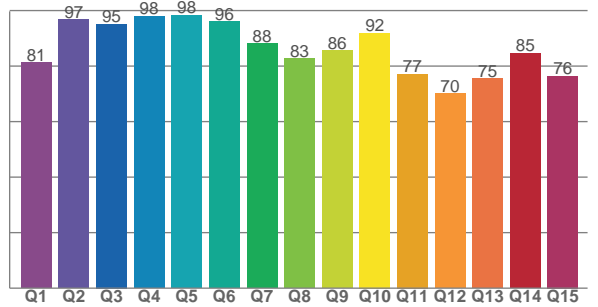
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
59.2	66.8	64.3	75.1	74.3	84.1	75.5	74.2	81.6	84.2	84.0	86.9	76.8	64.8	65.5	65.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.3	96.8	95.1	97.9	98.3	96.0	88.1	82.7	85.7	91.9	77.1	70.1	75.5	84.6	76.5

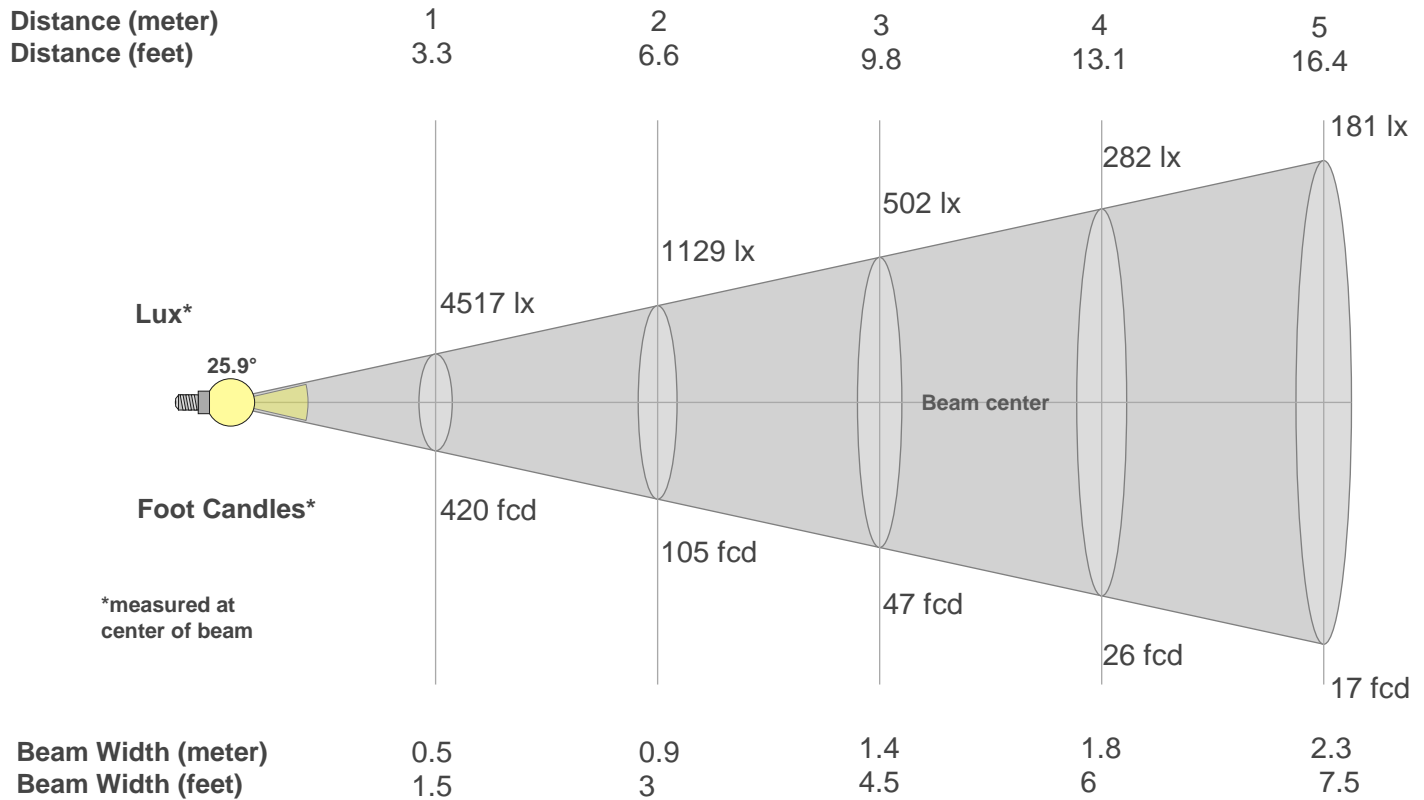
CQS: 83.8



## 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	$\Delta uv$
18176 K	71.4	-66.8	74.6	108.2	83.8	0.265	0.254	0.192	0.276	0.0109

## 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	4517	1129	502	282	181	125	92	71	56	45	37	31	27	23	20	18	16	14	13	11
fcd	419.6	104.9	46.6	26.2	16.8	11.7	8.6	6.6	5.2	4.2	3.5	2.9	2.5	2.1	1.9	1.6	1.5	1.3	1.2	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°
4517	4474	4246	3855	3388	2920	2467	2016	1569	1188	862	607	417	283	193	132	91	63	44	35
100%	99%	94%	85%	75%	65%	55%	45%	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°
4517	4474	4246	3855	3388	2920	2467	2016	1569	1188	862	607	417	283	193	132	91	63	44	35
100%	99%	94%	85%	75%	65%	55%	45%	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°
4517	4397	4146	3818	3427	2969	2482	2008	1556	1157	840	601	424	277	169	102	67	47	34	28
100%	97%	92%	85%	76%	66%	55%	44%	34%	26%	19%	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°
4517	4397	4146	3818	3427	2969	2482	2008	1556	1157	840	601	424	277	169	102	67	47	34	28
100%	97%	92%	85%	76%	66%	55%	44%	34%	26%	19%	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
25.9°	47.2°	60.4°	99.5%	98.7%