

# Focus Wash 400



Light Efficiency:

30 Lumen/Watt

Light Quality:

CRI: 56.9

Color Temperature:

4280 K

Output: 4253 lm

Peak: 9816 cd

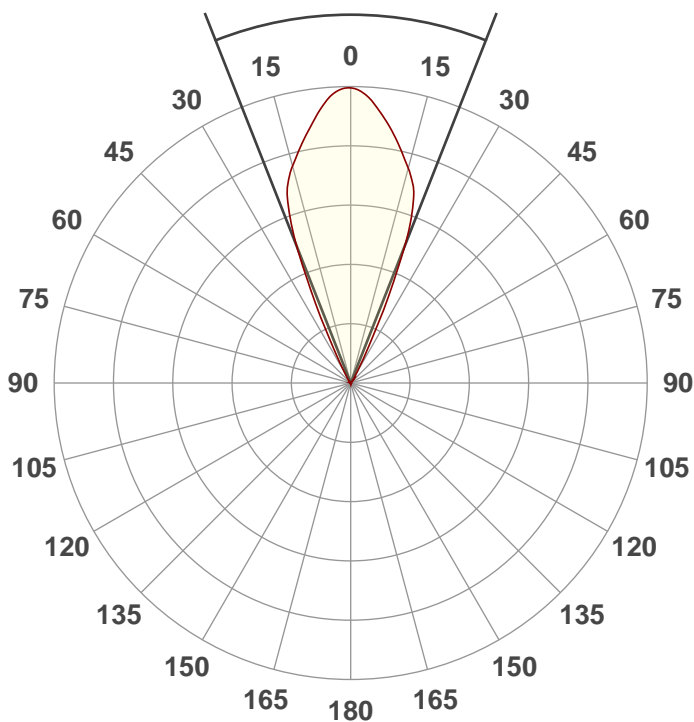
Power: 143.4 W

PF: 0.98



Beam Angle

43°



Test:

Zoom Out Lime

Date:

6/22/2021

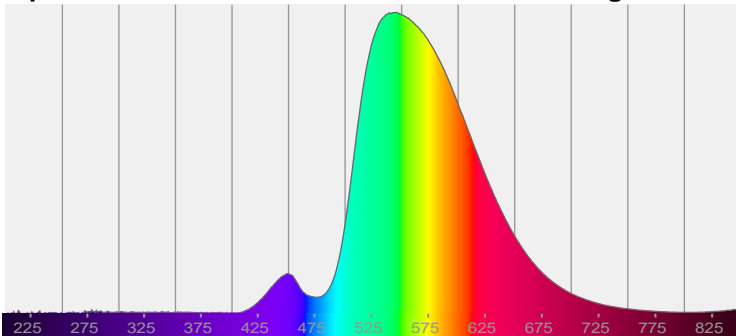
Note:



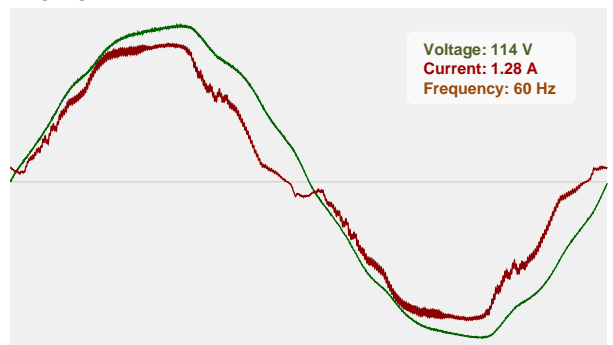
CIE 1931  
x: 0.402  
y: 0.522

Spectra

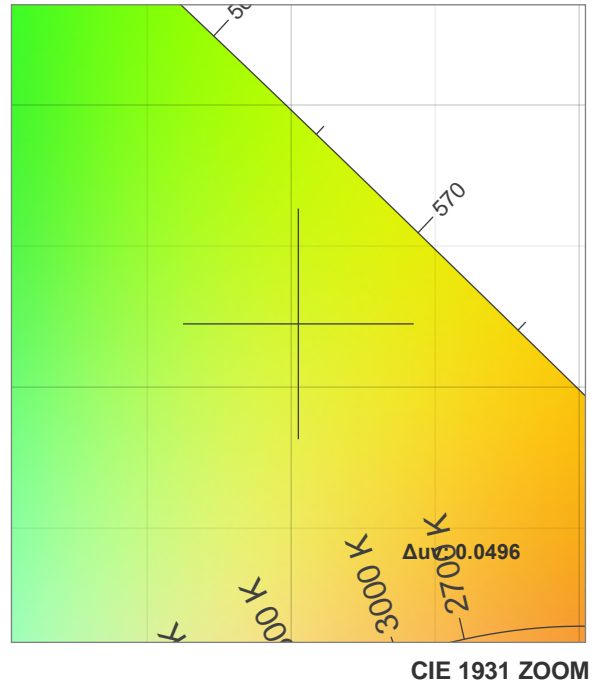
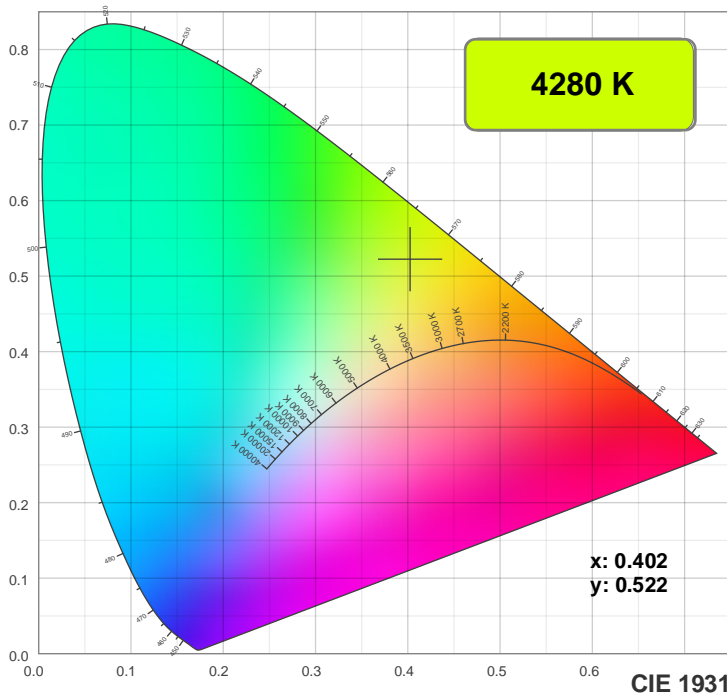
Dominant Wavelength: 567nm



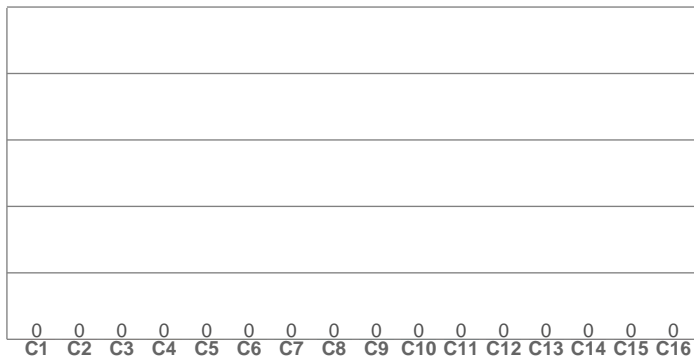
Power



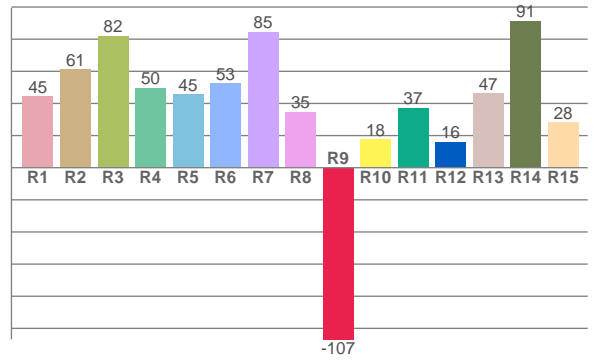
## Color Details



TM30: 0.0



CRI: 56.9 (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
44.6	61.1	82.1	49.7	45.5	52.5	84.6	34.7	-106.8	17.6	37.2	16.1	46.5	91.4	28.1

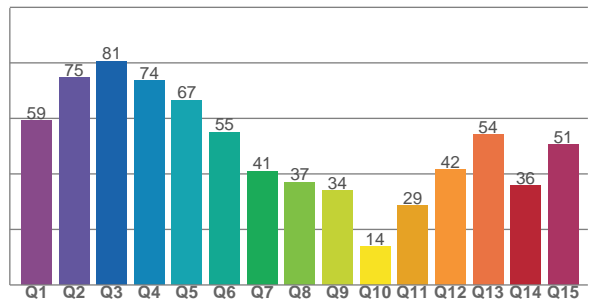
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
59.2	74.8	80.6	73.5	66.6	55.1	41.0	37.0	34.0	13.7	28.5	41.5	54.1	35.7	50.5

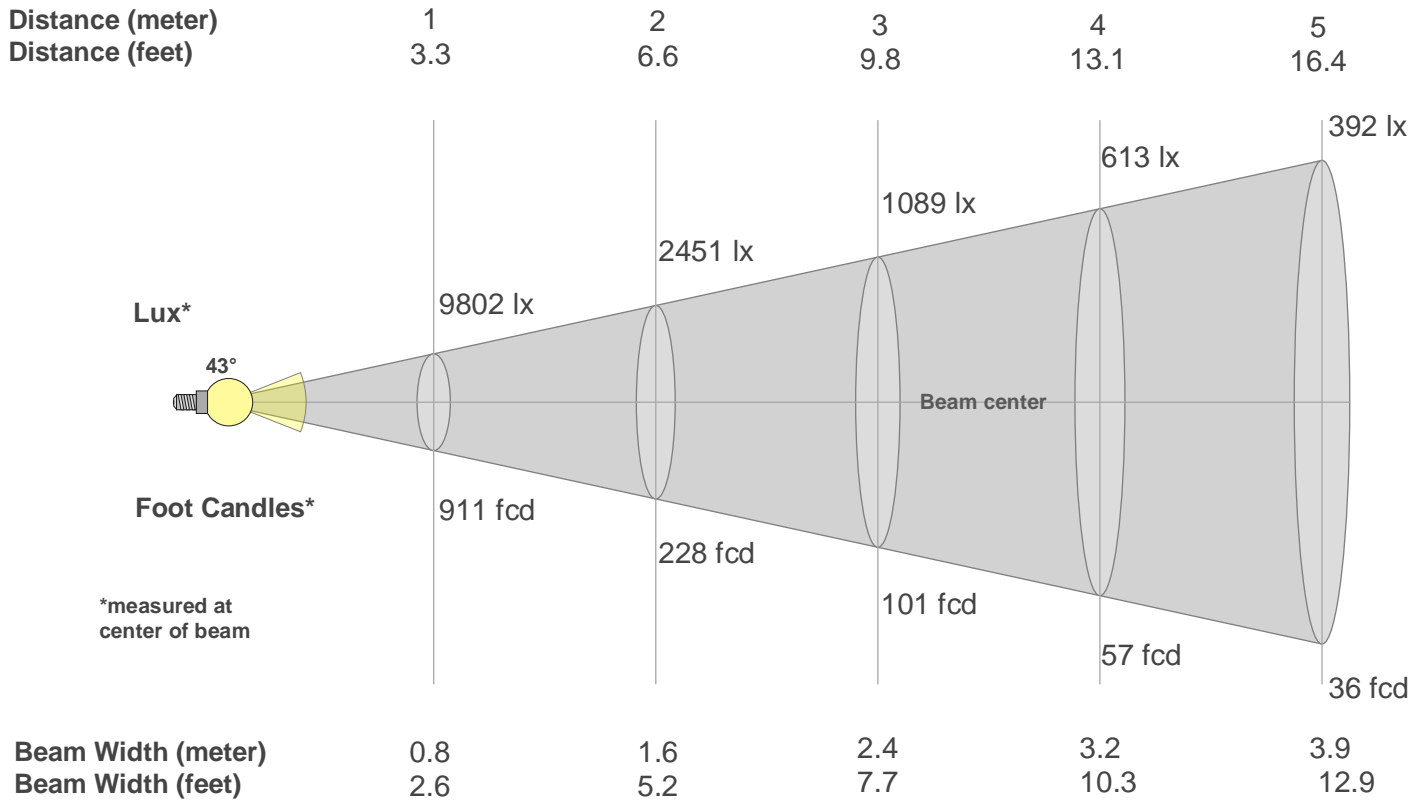
CQS: 46.1



## 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	$\Delta uv$
4280 K	56.9	-106.8	0.0	n/a	46.1	0.402	0.522	0.190	0.370	0.0496

## 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	9802	2451	1089	613	392	272	200	153	121	98	81	68	58	50	44	38	34	30	27	25
fcd	910.6	227.7	101.2	56.9	36.4	25.3	18.6	14.2	11.2	9.1	7.5	6.3	5.4	4.6	4	3.6	3.2	2.8	2.5	2.3

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°
9802	9763	9581	9230	8829	8432	8046	7658	7285	6760	5849	4494	2796	1503	803	449	290	210	167	134
100%	100%	98%	94%	90%	86%	82%	78%	74%	69%	60%	46%	29%	15%	8%	5%	3%	2%	2%	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°
9802	9763	9581	9230	8829	8432	8046	7658	7285	6760	5849	4494	2796	1503	803	449	290	210	167	134
100%	100%	98%	94%	90%	86%	82%	78%	74%	69%	60%	46%	29%	15%	8%	5%	3%	2%	2%	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°
9802	9699	9463	9115	8751	8369	7976	7585	7216	6727	5841	4502	2870	1487	820	472	306	225	178	146
100%	99%	97%	93%	89%	85%	81%	77%	74%	69%	60%	46%	29%	15%	8%	5%	3%	2%	2%	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°
9802	9699	9463	9115	8751	8369	7976	7585	7216	6727	5841	4502	2870	1487	820	472	306	225	178	146
100%	99%	97%	93%	89%	85%	81%	77%	74%	69%	60%	46%	29%	15%	8%	5%	3%	2%	2%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
43°	54.8°	66.4°	99.2%	98.1%