

Focus Wash 400



Light Efficiency:

8 Lumen/Watt

Light Quality:

CRI: 91.7

Color Temperature:

6420 K

Output: 3736 lm

Peak: 111653 cd

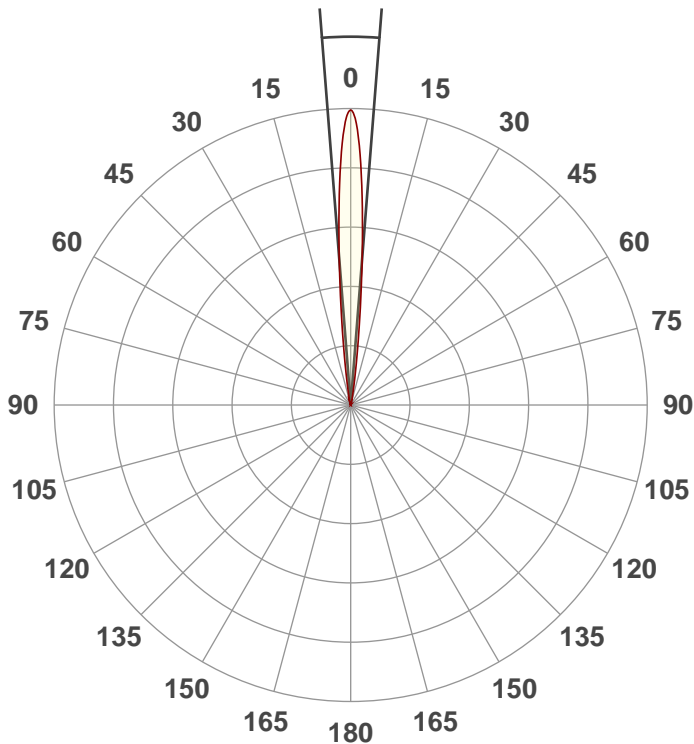
Power: 489.1 W

PF: 1.0



Beam Angle

9°



Test:

Zoom In Full On

Date:

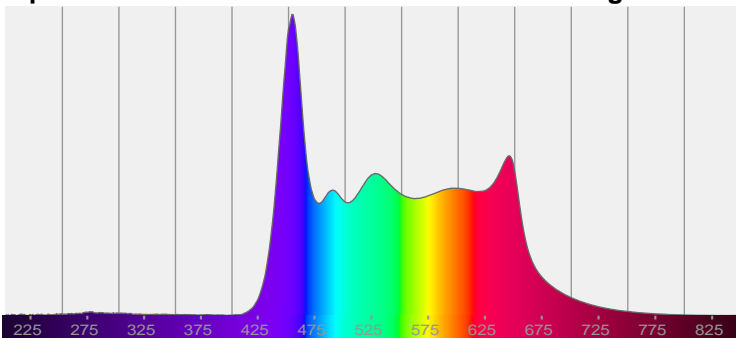
6/21/2021

Note:

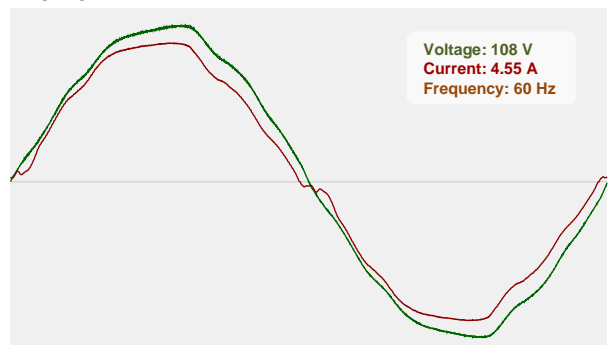
CIE 1931
x: 0.317
y: 0.311

Spectra

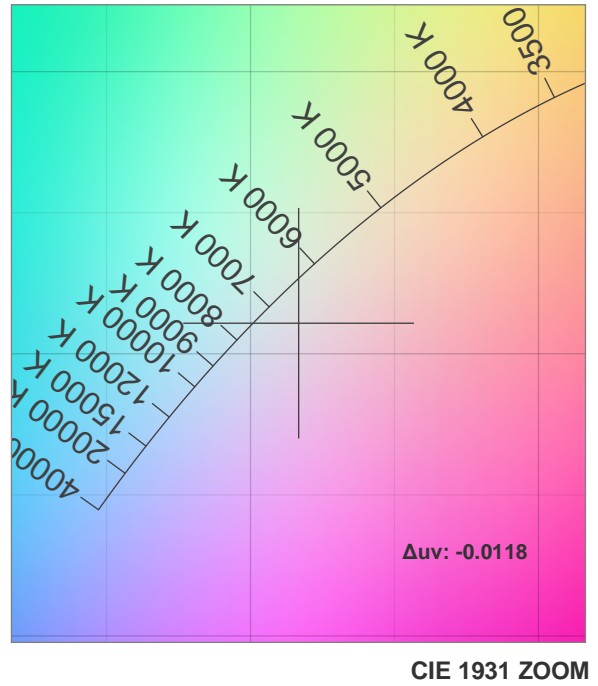
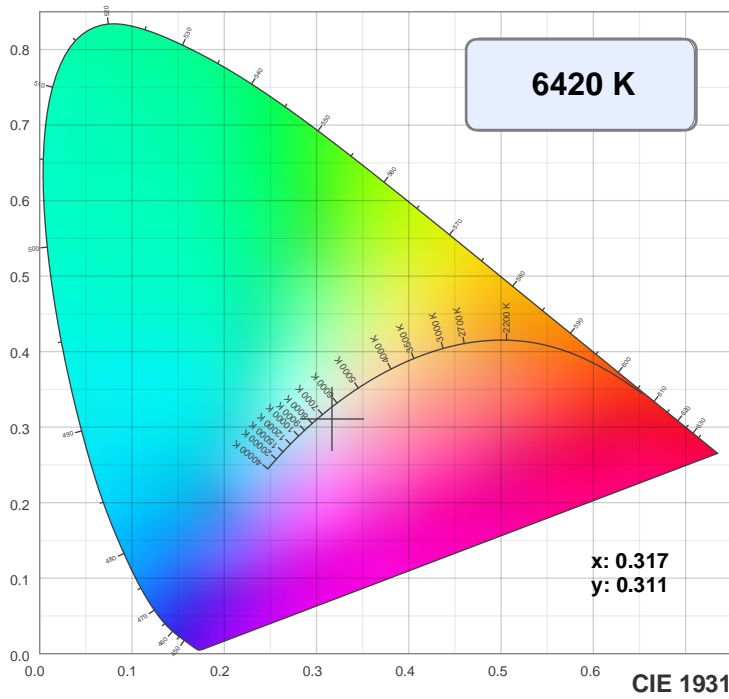
Dominant Wavelength: 360nm



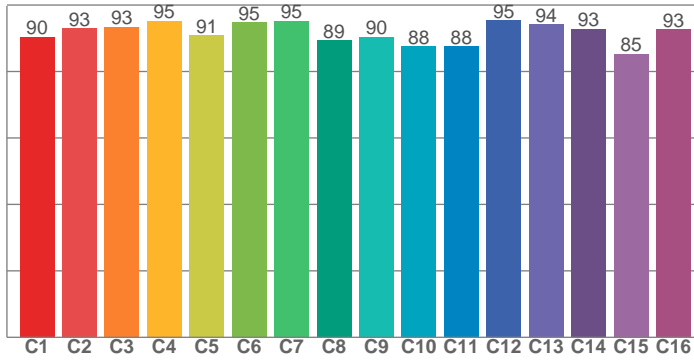
Power



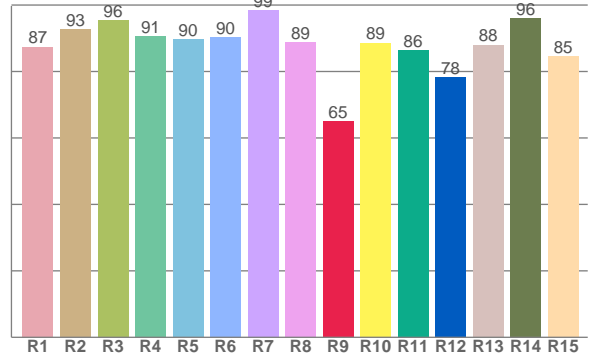
Color Details



TM30: 91.6



CRI: 91.7 (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
87.5	92.6	95.5	90.6	89.6	90.3	98.5	88.9	65.0	88.6	86.4	78.4	88.0	96.0	84.7

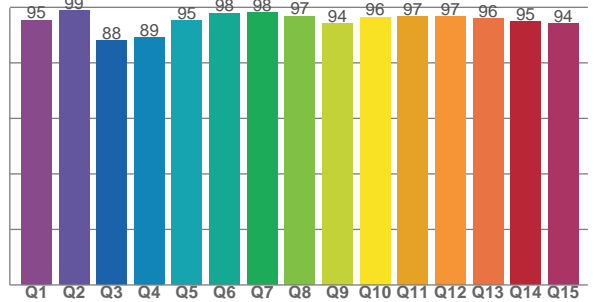
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.4	93.0	93.4	95.2	90.8	94.8	95.2	89.3	90.4	87.6	87.5	95.4	94.1	92.8	85.3	92.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95.5	98.8	88.1	89.0	95.2	97.9	98.1	96.9	94.0	96.4	96.6	96.6	95.8	94.9	94.1

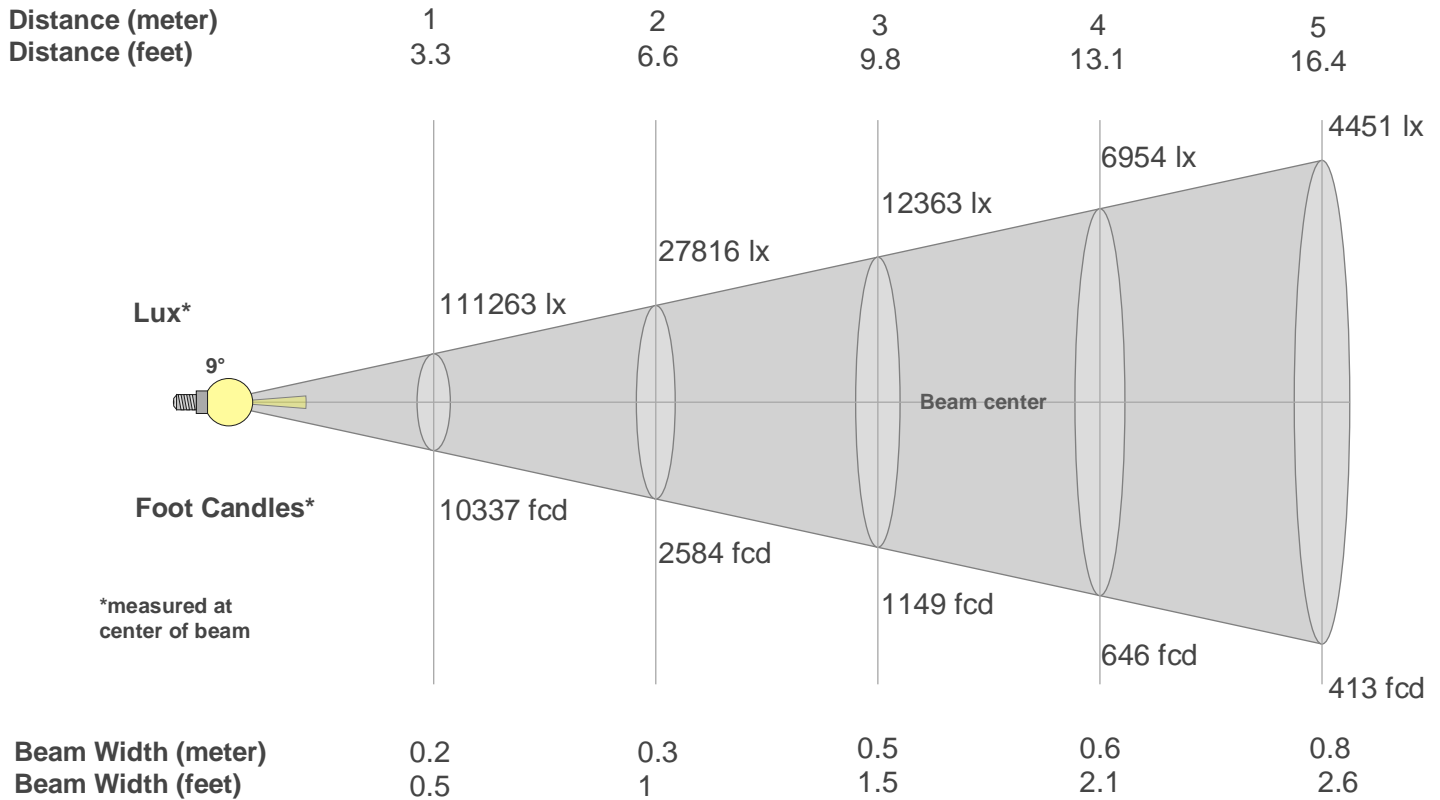
CQS: 94.4



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
6420 K	91.7	65.0	91.6	104.0	94.4	0.317	0.311	0.208	0.306	-0.0118

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	11126 3	27816	12363	6954	4451	3091	2271	1738	1374	1113	920	773	658	568	495	435	385	343	308	278
fcd	10336 7	2584.2	1148.5	646	413.5	287.1	211	161.5	127.6	103.4	85.4	71.8	61.2	52.7	45.9	40.4	35.8	31.9	28.6	25.8

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°
111K	108K	97K	82K	64K	47K	33K	22K	14K	9K	6K	4K	3K	2K	2K	1K	1K	1K	1K	1K
100%	97%	87%	73%	57%	42%	30%	20%	13%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%	1%

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°
111K	108K	97K	82K	64K	47K	33K	22K	14K	9K	6K	4K	3K	2K	2K	1K	1K	1K	1K	1K
100%	97%	87%	73%	57%	42%	30%	20%	13%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%	1%

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°
111K	107K	97K	81K	64K	47K	33K	22K	14K	9K	6K	4K	3K	2K	2K	1K	1K	1K	1K	1K
100%	97%	87%	73%	57%	42%	29%	19%	12%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%	1%

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°
111K	107K	97K	81K	64K	47K	33K	22K	14K	9K	6K	4K	3K	2K	2K	1K	1K	1K	1K	1K
100%	97%	87%	73%	57%	42%	29%	19%	12%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
9°	17.1°	24.4°	100.0%	99.9%