

JOLT PANEL FX



Light Efficiency:

53 Lumen/Watt

Light Quality:

CRI: 95.6

Color Temperature:

14215 K

Output: 3362 lm

Peak: 1758 cd

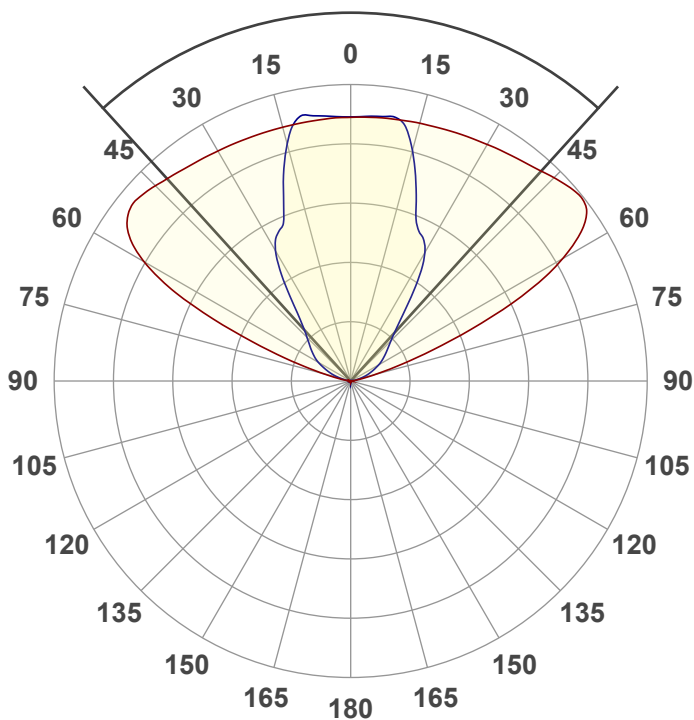
Power: 63.8 W

PF: 0.89



Beam Angle

84.4°



Test:

CRI

Date:

1/11/2023

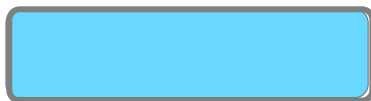
Note:

R @ 84

G @ 255

B @ 255

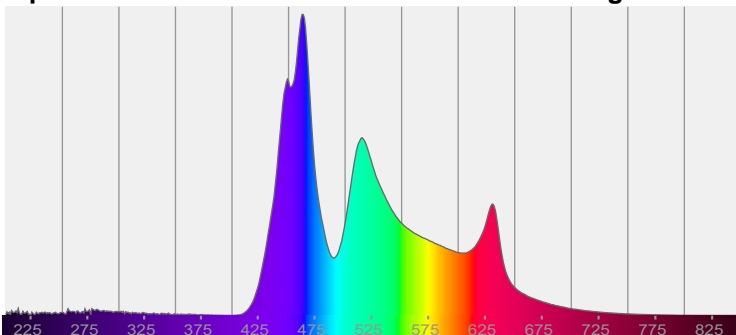
W @ 48



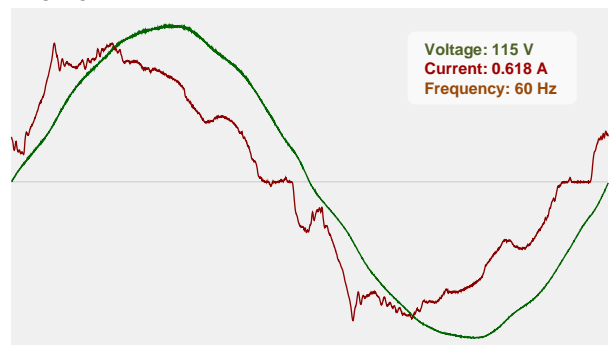
CIE 1931
x: 0.257
y: 0.280

Spectra

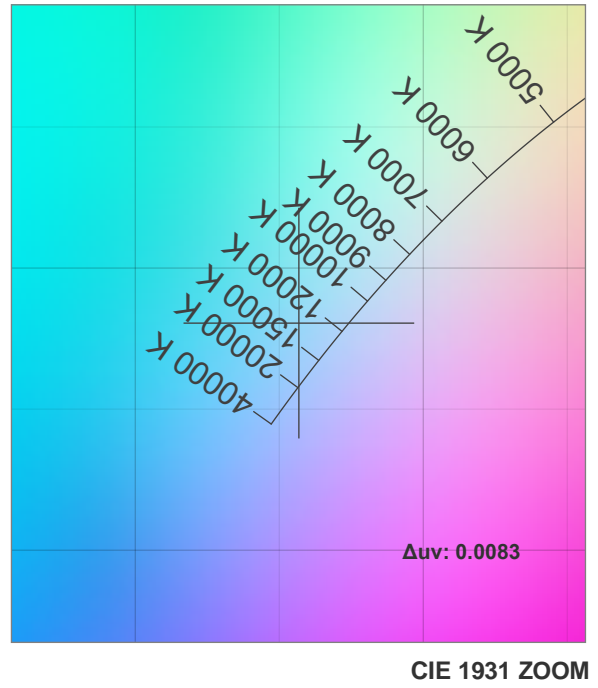
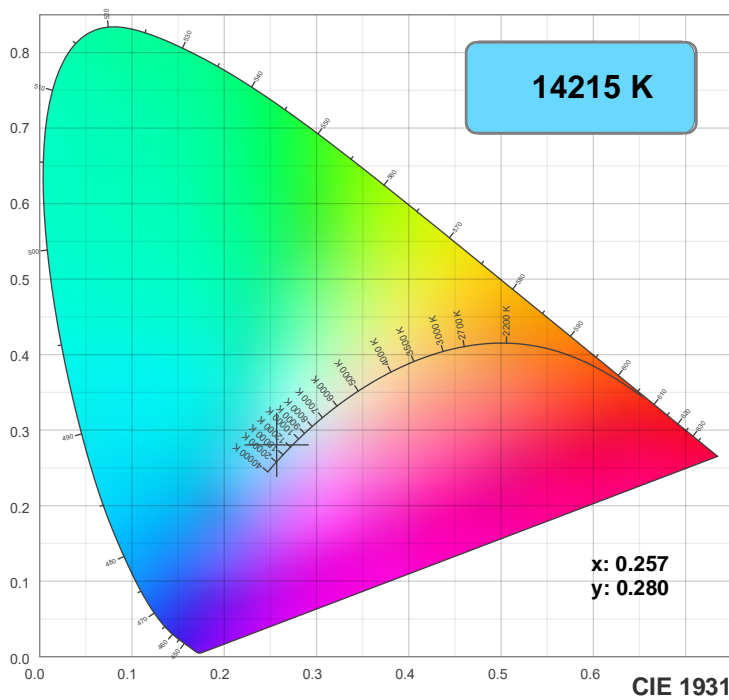
Dominant Wavelength: 480nm



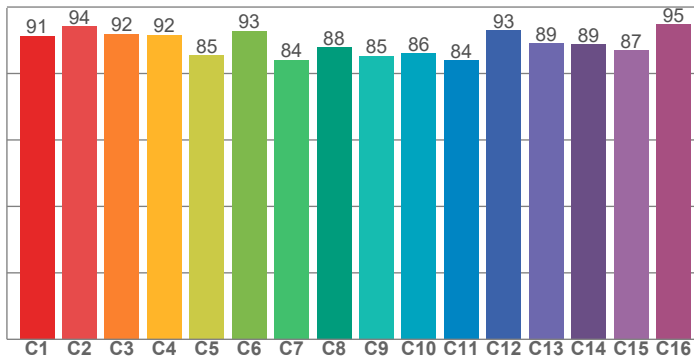
Power



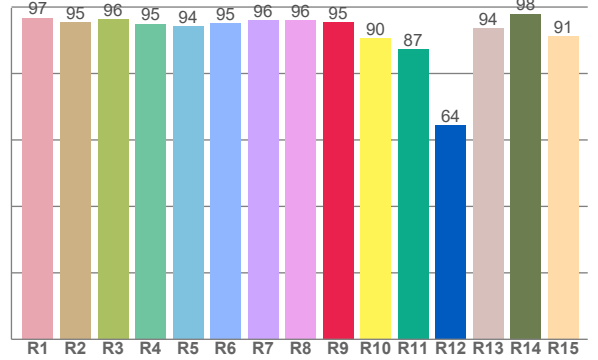
Color Details



TM30: 89.2



CRI: 95.6 (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
96.8	95.3	96.3	94.9	94.1	95.1	96.1	96.1	95.4	90.5	87.3	64.4	93.5	98.0	91.3

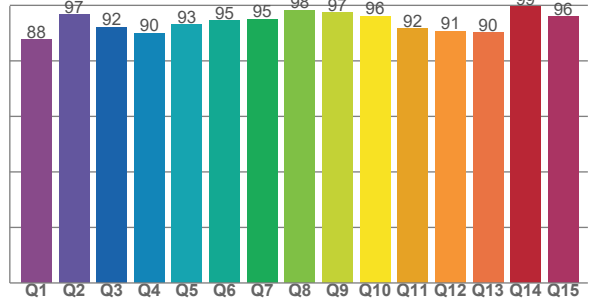
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.3	94.1	91.9	91.7	85.4	92.8	84.1	87.9	85.3	86.0	83.9	93.0	89.1	88.8	86.9	94.8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.7	96.5	92.2	90.0	93.0	94.5	95.0	98.3	97.4	96.1	91.6	90.7	90.2	99.4	95.9

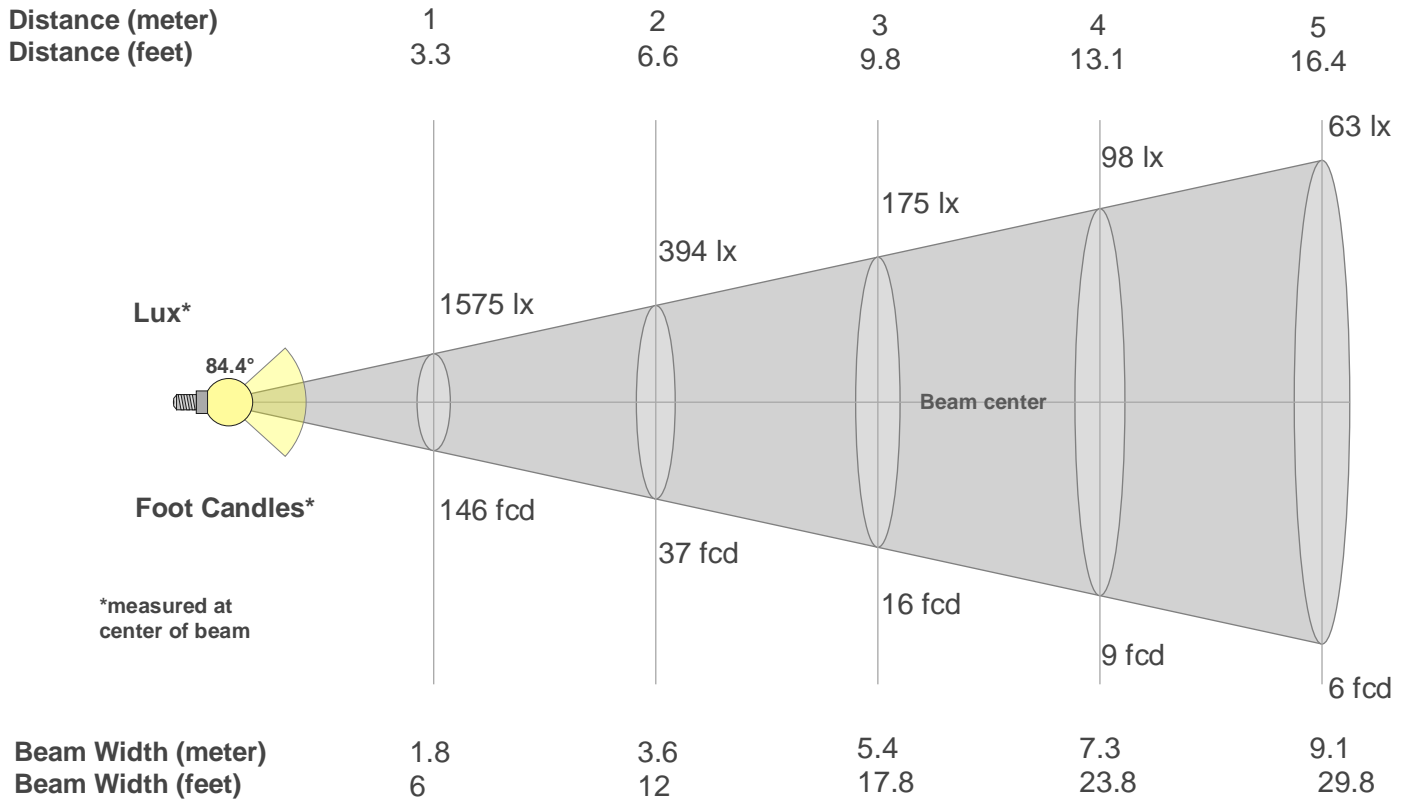
CQS: 93.1



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	Δuv
14215 K	95.6	95.4	89.2	96.6	93.1	0.257	0.280	0.176	0.288	0.0083

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	1575	394	175	98	63	44	32	25	19	16	13	11	9	8	7	6	5	5	4	4
fcd	146.3	36.6	16.3	9.1	5.9	4.1	3	2.3	1.8	1.5	1.2	1	0.9	0.7	0.7	0.6	0.5	0.5	0.4	0.4

Intensities in 0° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1575	1571	1568	1567	1570	1576	1584	1598	1618	1647	1673	1625	1417	978	481	171	50	7	0	0
100%	100%	100%	100%	100%	100%	101%	101%	103%	105%	106%	103%	90%	62%	31%	11%	3%	0%	0%	0%

Intensities in 90° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1575	1586	1607	1461	1173	999	893	654	461	370	315	270	223	166	115	62	21	1	0	0
100%	101%	102%	93%	75%	63%	57%	42%	29%	23%	20%	17%	14%	11%	7%	4%	1%	0%	0%	0%

Intensities in 180° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1575	1578	1584	1592	1601	1614	1629	1649	1675	1715	1751	1710	1454	985	466	158	42	5	0	0
100%	100%	101%	101%	102%	102%	103%	105%	106%	109%	111%	109%	92%	63%	30%	10%	3%	0%	0%	0%

Intensities in 270° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1575	1585	1588	1421	1145	976	881	655	445	340	283	238	193	145	101	56	21	1	0	0
100%	101%	101%	90%	73%	62%	56%	42%	28%	22%	18%	15%	12%	9%	6%	4%	1%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
84.4°	135.4°	156.6°	85.7%	61.2%