

Jolt 300



Light Efficiency:

68 Lumen/Watt

Light Quality:

CRI: 92.7

Color Temperature:

5573 K

Output: 11102 lm

Peak: 3761 cd

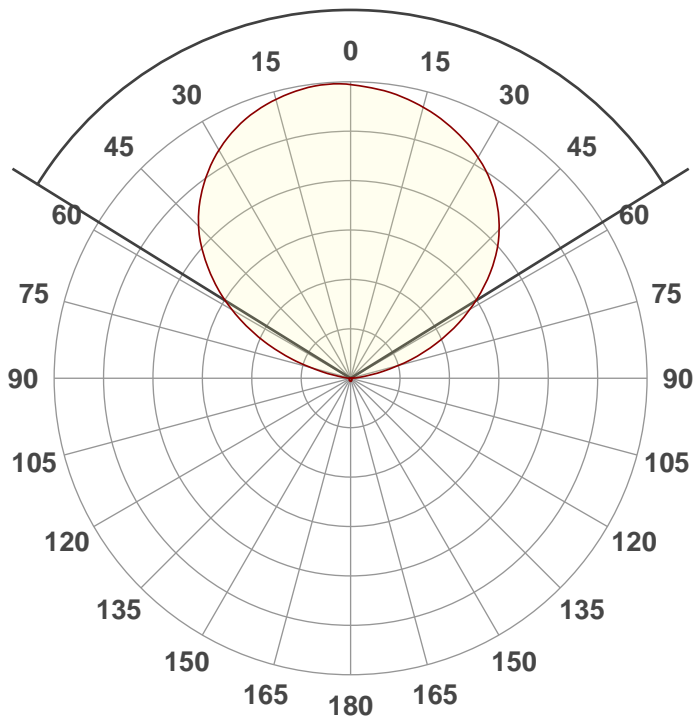
Power: 163.8 W

PF: 1.0



Beam Angle

116.4°



Test:

CRI

Date:

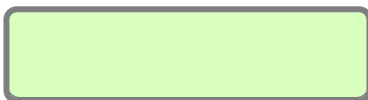
2/11/2020

Note:

R @ 51%

G @ 100%

W @ 100%



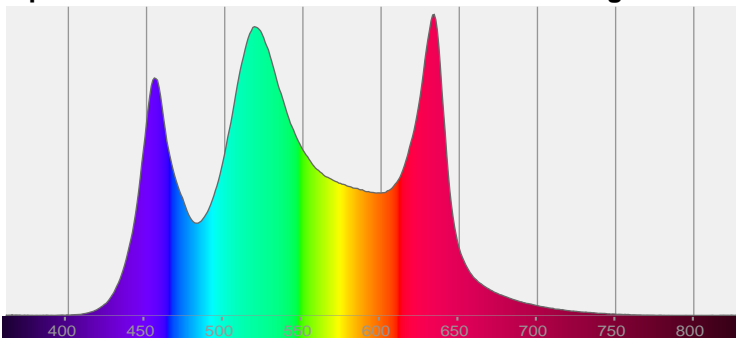
CIE 1931

x: 0.331

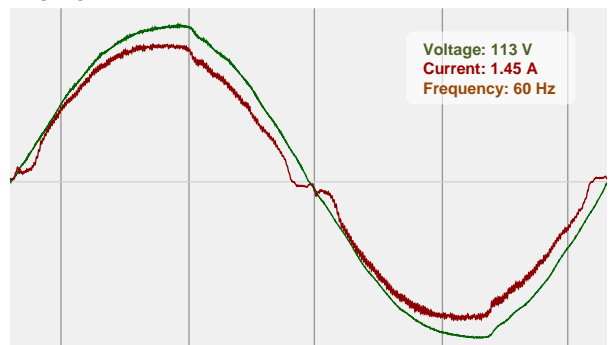
y: 0.394

Spectra

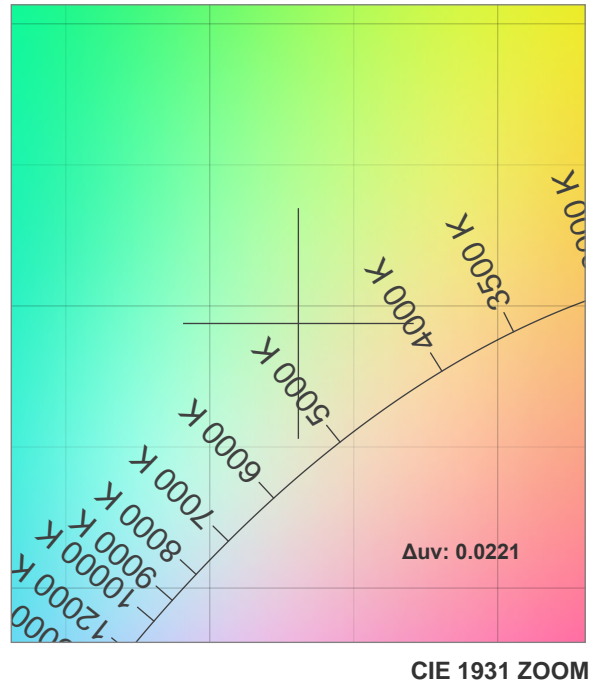
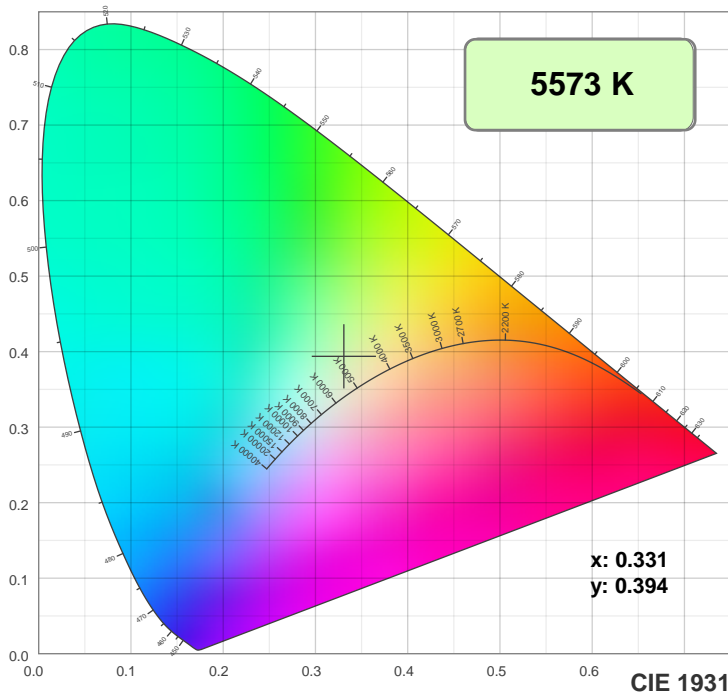
Dominant Wavelength: 562nm



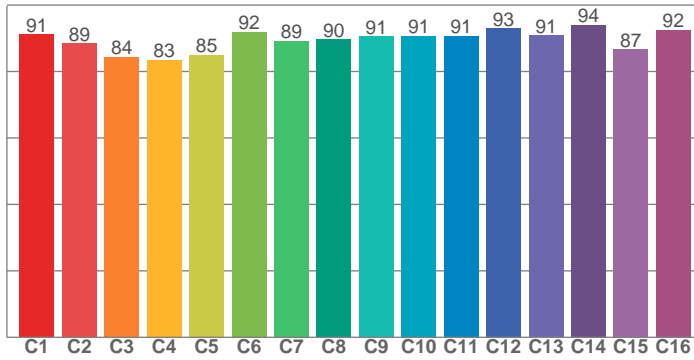
Power



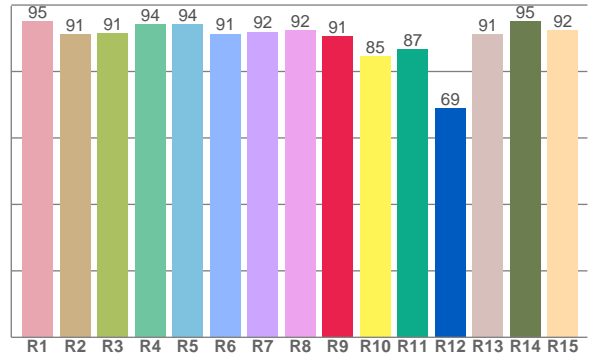
Color Details



TM30: 88.9



CRI: 92.7 (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
95.1	91.1	91.5	94.2	94.3	91.3	92.0	92.5	90.6	84.6	86.6	68.9	91.2	95.2	92.5

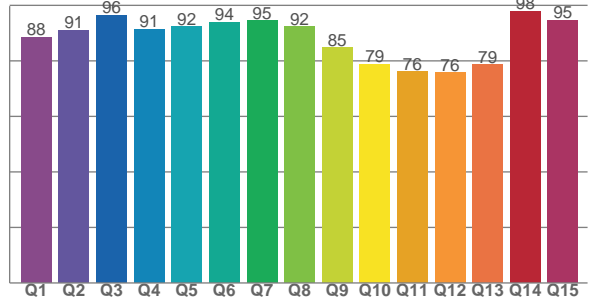
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.1	88.5	84.5	83.4	84.9	91.9	89.2	89.6	90.6	90.7	90.8	93.0	90.8	94.1	86.7	92.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.5	91.1	96.4	91.4	92.4	94.0	94.5	92.3	84.7	78.8	76.1	75.8	78.5	97.9	94.6

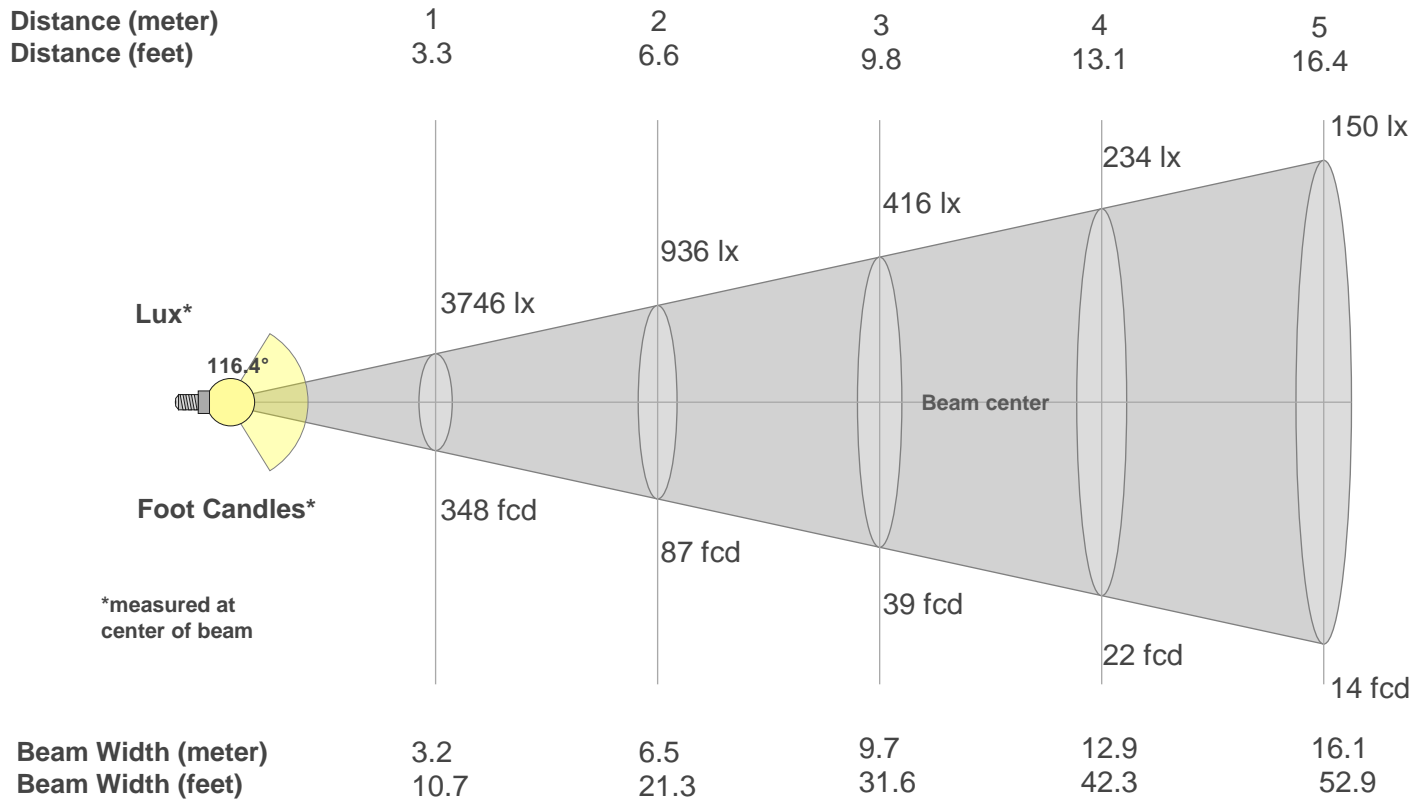
CQS: 86.3



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
5573 K	92.7	90.6	88.9	97.8	86.3	0.331	0.394	0.187	0.334	0.0221

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	3746	936	416	234	150	104	76	59	46	37	31	26	22	19	17	15	13	12	10	9
fcd	348	87	38.7	21.7	13.9	9.7	7.1	5.4	4.3	3.5	2.9	2.4	2.1	1.8	1.5	1.4	1.2	1.1	1	0.9

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°
3746	3759	3734	3682	3605	3498	3358	3185	2981	2738	2443	2110	1745	1354	947	542	221	52	8	7
100%	100%	100%	98%	96%	93%	90%	85%	80%	73%	65%	56%	47%	36%	25%	14%	6%	1%	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°
3746	3759	3734	3682	3605	3498	3358	3185	2981	2738	2443	2110	1745	1354	947	542	221	52	8	7
100%	100%	100%	98%	96%	93%	90%	85%	80%	73%	65%	56%	47%	36%	25%	14%	6%	1%	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°
3746	3707	3654	3579	3488	3379	3251	3095	2904	2676	2408	2096	1756	1396	1021	646	311	96	14	6
100%	99%	98%	96%	93%	90%	87%	83%	78%	71%	64%	56%	47%	37%	27%	17%	8%	3%	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°
3746	3707	3654	3579	3488	3379	3251	3095	2904	2676	2408	2096	1756	1396	1021	646	311	96	14	6
100%	99%	98%	96%	93%	90%	87%	83%	78%	71%	64%	56%	47%	37%	27%	17%	8%	3%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
116.4°	155.9°	168°	80.2%	53.9%