

32 Hex Panel IP



Light Efficiency:

26 Lumen/Watt

Light Quality:

CRI: -30.4

Color Temperature:

1635 K

Output: 1121 lm

Peak: 5215 cd

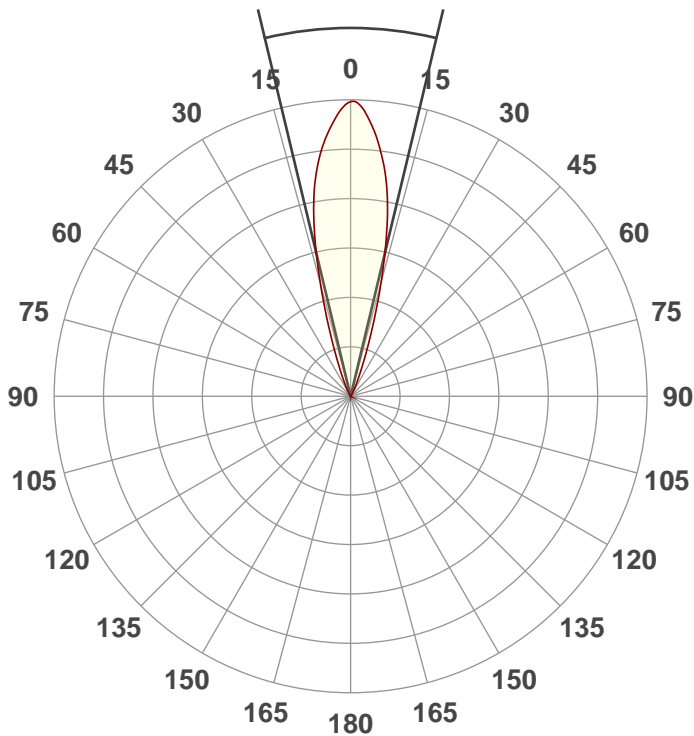
Power: 42.8 W

PF: 0.89



Beam Angle

26.9°



Test:

Amber

Date:

3/6/2019

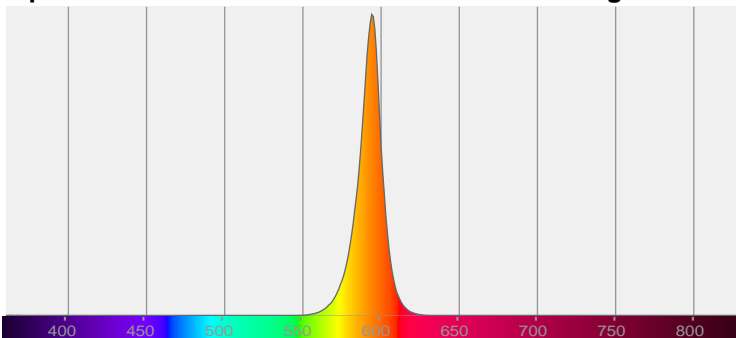
Note:



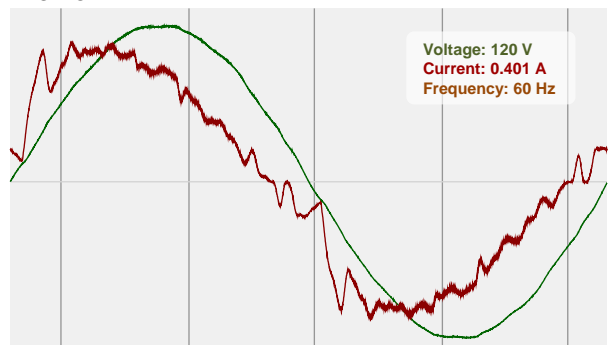
CIE 1931
x: 0.583
y: 0.417

Spectra

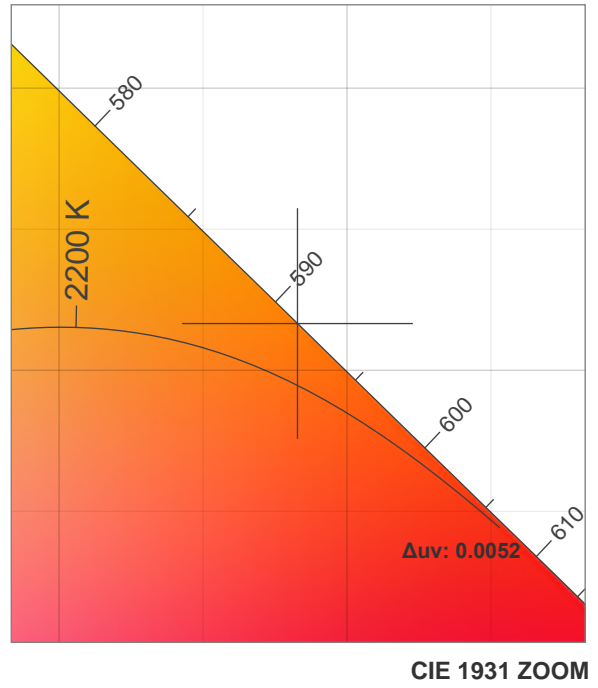
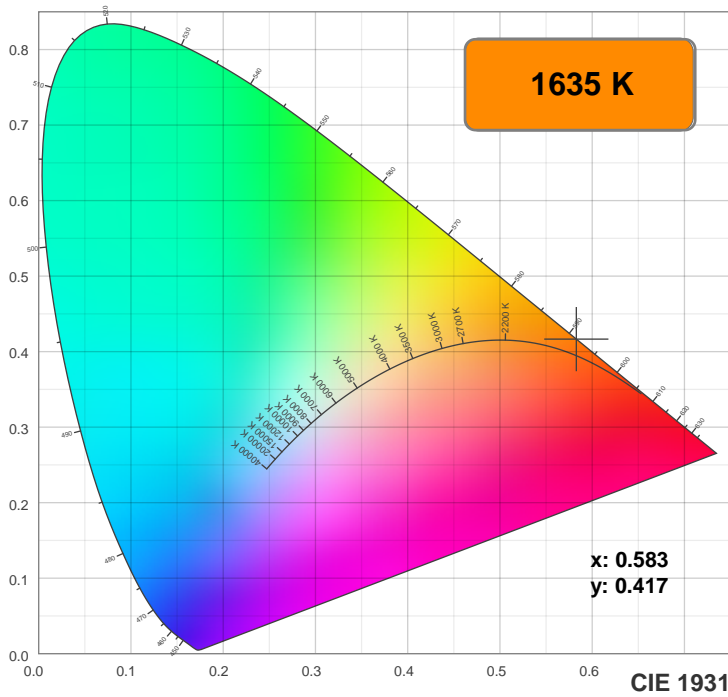
Dominant Wavelength: 591nm



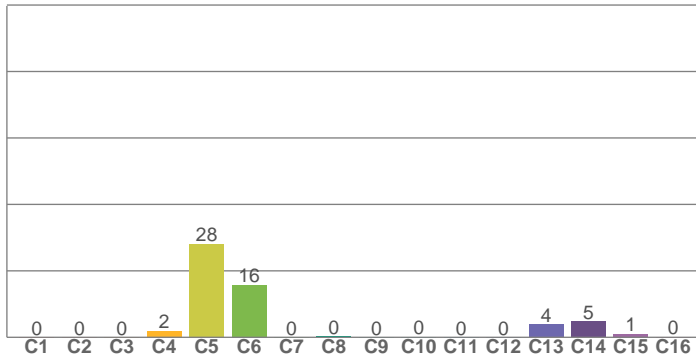
Power



Color Details



TM30: 0.1



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
-46.7	46.7	12.6	-79.7	-52.8	31.7	-10.7	-143.9	-423.4	20.7	-110.9	-25.6	-26.3	42.0	-78.9

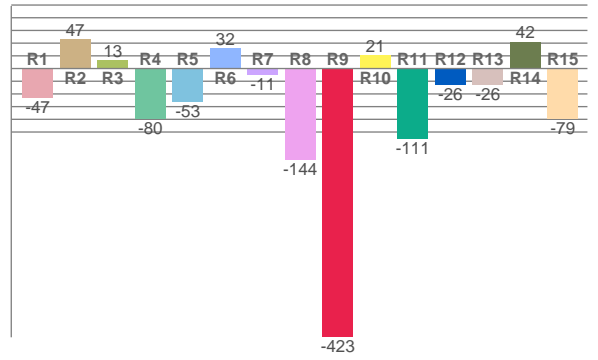
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	1.9	28.1	15.8	0.0	0.3	0.0	0.0	0.0	0.0	3.9	4.8	1.0	0.1

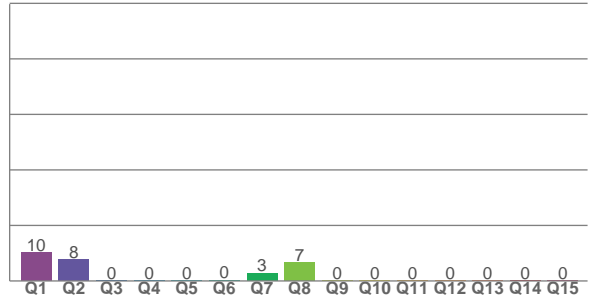
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
10.3	7.8	0.0	0.0	0.1	0.3	2.8	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1

CRI: -30.4 (R1-R8)



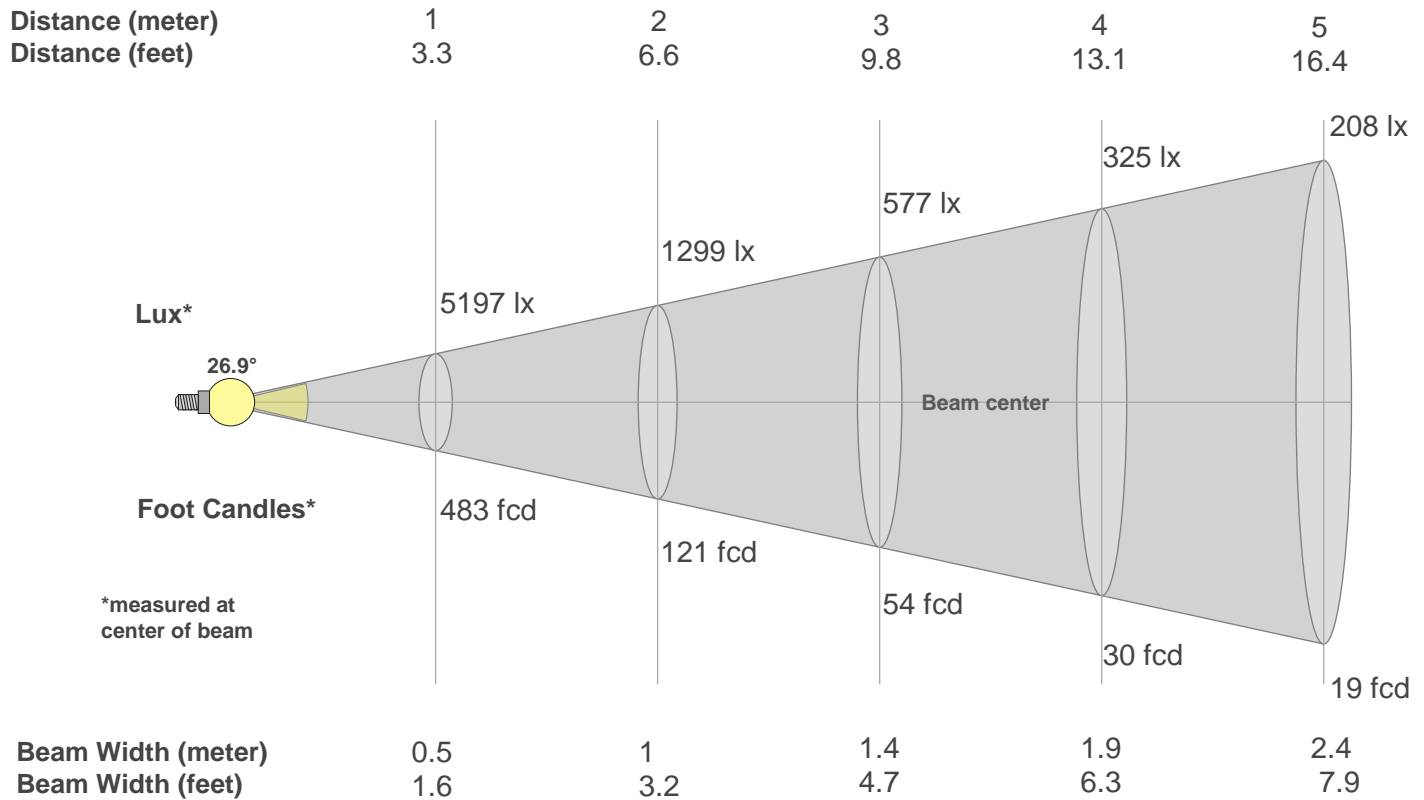
CQS: 0.0



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
1635 K	-30.4	-423.4	0.1	0.0	0.0	0.583	0.417	0.341	0.366	0.0052

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	5197	1299	577	325	208	144	106	81	64	52	43	36	31	27	23	20	18	16	14	13
fcd	482.9	120.7	53.7	30.2	19.3	13.4	9.9	7.5	6	4.8	4	3.4	2.9	2.5	2.1	1.9	1.7	1.5	1.3	1.2

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°
5197	5064	4808	4510	4149	3702	3107	2420	1727	1155	738	462	289	183	117	74	48	35	23	17
100%	97%	93%	87%	80%	71%	60%	47%	33%	22%	14%	9%	6%	4%	2%	1%	1%	1%	0%	0%

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°
5197	5064	4808	4510	4149	3702	3107	2420	1727	1155	738	462	289	183	117	74	48	35	23	17
100%	97%	93%	87%	80%	71%	60%	47%	33%	22%	14%	9%	6%	4%	2%	1%	1%	1%	0%	0%

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°
5197	5130	4879	4552	4163	3703	3108	2426	1756	1177	761	479	299	189	118	74	48	34	25	16
100%	99%	94%	88%	80%	71%	60%	47%	34%	23%	15%	9%	6%	4%	2%	1%	1%	1%	0%	0%

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°
5197	5130	4879	4552	4163	3703	3108	2426	1756	1177	761	479	299	189	118	74	48	34	25	16
100%	99%	94%	88%	80%	71%	60%	47%	34%	23%	15%	9%	6%	4%	2%	1%	1%	1%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
26.9°	43.1°	55.1°	100.0%	99.8%