

32 Hex Panel IP W Diffuser



Light Efficiency:

43 Lumen/Watt

Light Quality:

CRI: 74.1

Color Temperature:

7209 K

Output: 2111 lm

Peak: 5488 cd

Power: 49.1 W

PF: 0.91



Beam Angle

32.2°

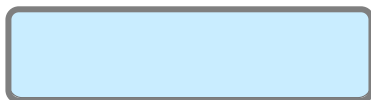
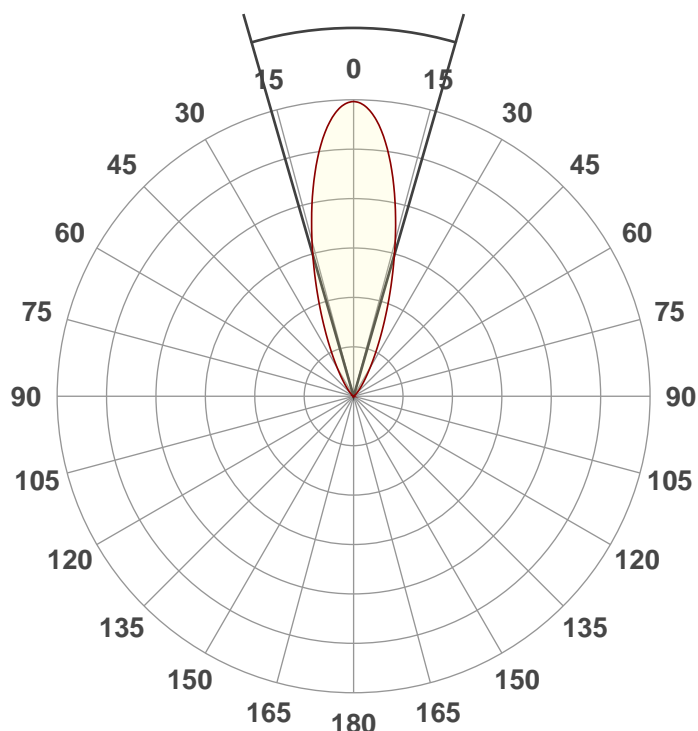
Test:

White

Date:

3/6/2019

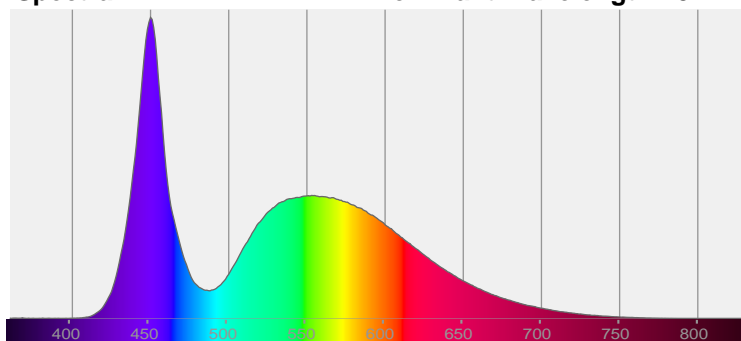
Note:



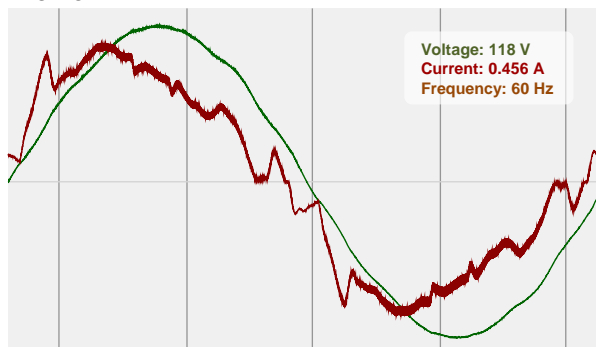
CIE 1931
x: 0.304
y: 0.311

Spectra

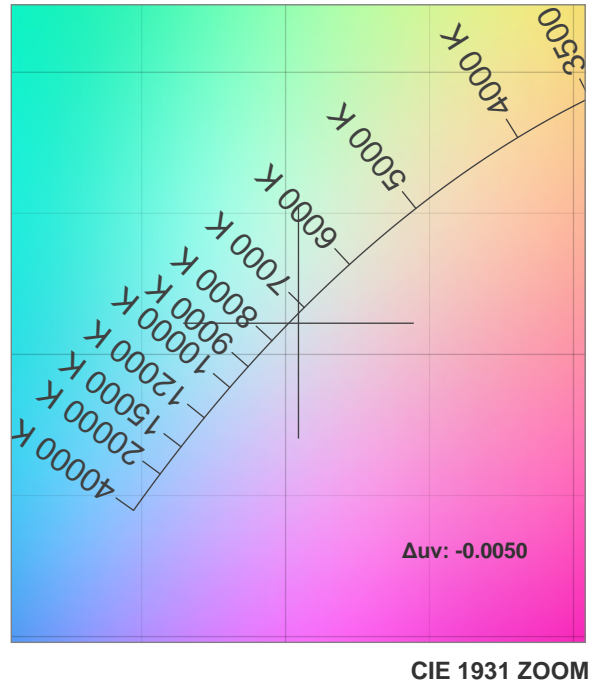
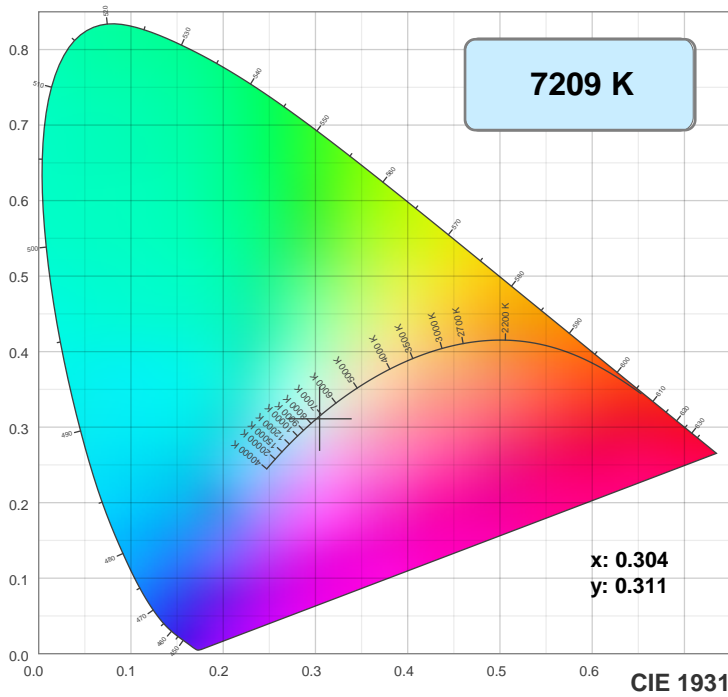
Dominant Wavelength: 437nm



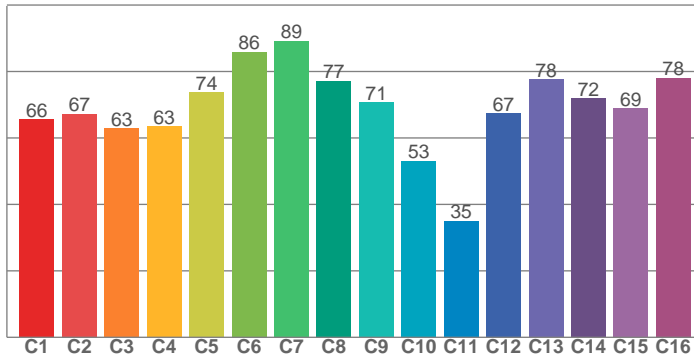
Power



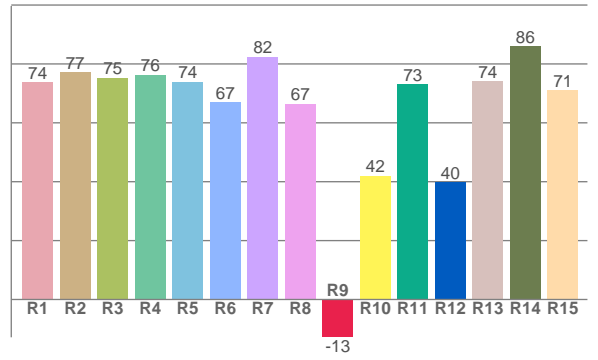
Color Details



TM30: 69.1



CRI: 74.1 (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
73.8	77.2	75.4	76.3	73.9	67.0	82.5	66.5	-12.8	42.0	73.2	39.9	74.1	86.0	71.0

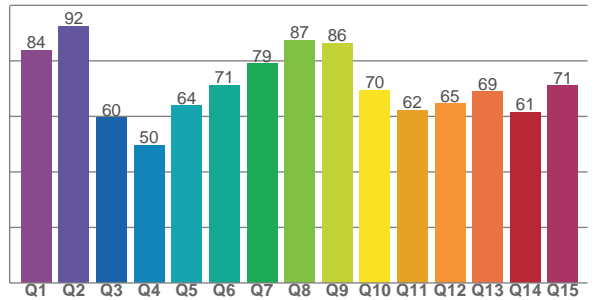
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
65.6	67.3	62.8	63.4	73.7	86.0	89.2	77.2	70.6	53.0	35.1	67.4	77.6	71.9	68.9	78.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83.9	92.5	59.6	49.6	63.8	71.2	78.9	87.4	86.4	69.5	62.3	64.5	69.0	61.5	71.0

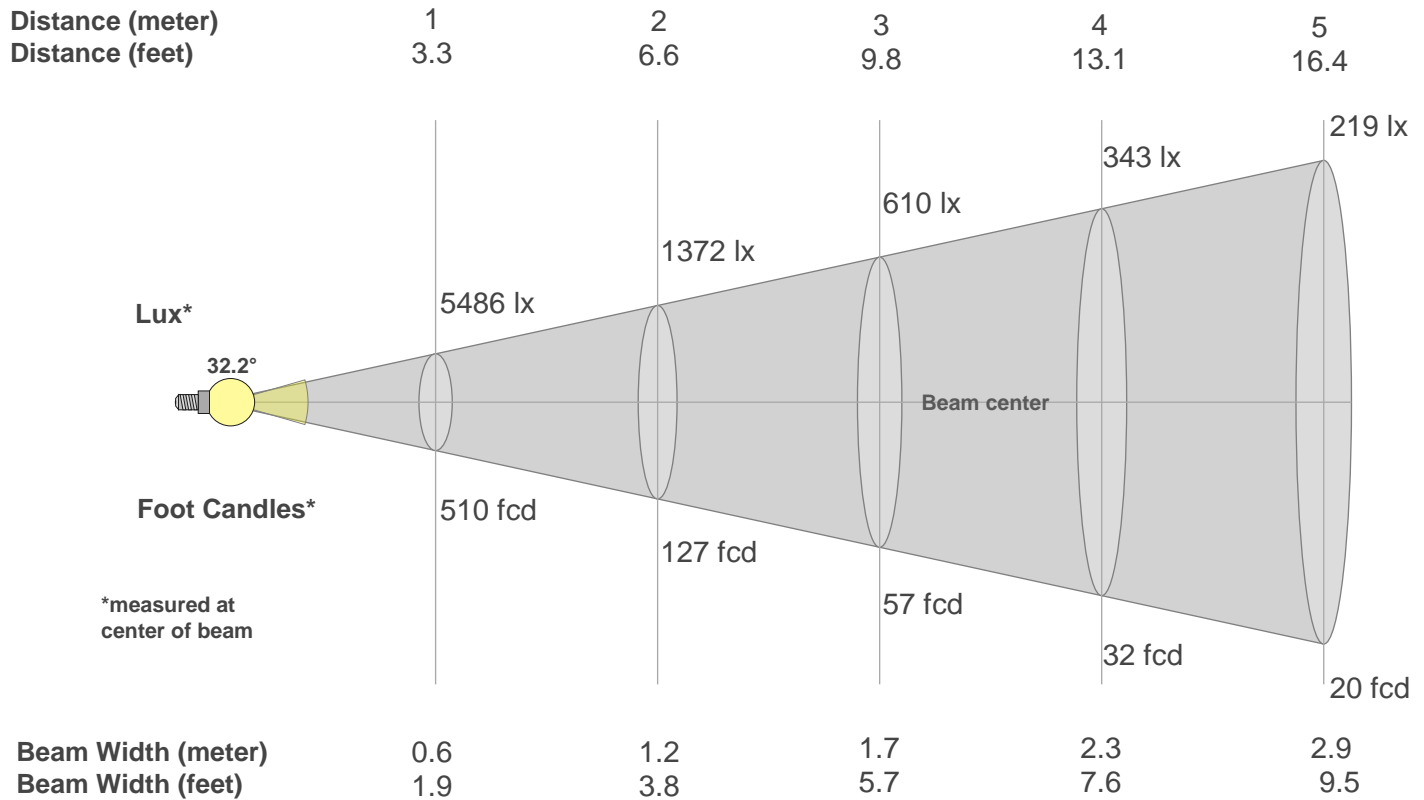
CQS: 69.1



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
7209 K	74.1	-12.8	69.1	94.1	69.1	0.304	0.311	0.199	0.305	-0.0050

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	5486	1372	610	343	219	152	112	86	68	55	45	38	32	28	24	21	19	17	15	14
fcd	509.7	127.4	56.6	31.9	20.4	14.2	10.4	8	6.3	5.1	4.2	3.5	3	2.6	2.3	2	1.8	1.6	1.4	1.3

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°
5486	5424	5250	4971	4605	4178	3714	3232	2764	2319	1914	1554	1249	991	779	609	472	364	282	216
100%	99%	96%	91%	84%	76%	68%	59%	50%	42%	35%	28%	23%	18%	14%	11%	9%	7%	5%	4%

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°
5486	5424	5250	4971	4605	4178	3714	3232	2764	2319	1914	1554	1249	991	779	609	472	364	282	216
100%	99%	96%	91%	84%	76%	68%	59%	50%	42%	35%	28%	23%	18%	14%	11%	9%	7%	5%	4%

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°
5486	5422	5245	4969	4600	4174	3709	3233	2764	2322	1921	1564	1258	1001	787	614	477	368	285	219
100%	99%	96%	91%	84%	76%	68%	59%	50%	42%	35%	28%	23%	18%	14%	11%	9%	7%	5%	4%

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°
5486	5422	5245	4969	4600	4174	3709	3233	2764	2322	1921	1564	1258	1001	787	614	477	368	285	219
100%	99%	96%	91%	84%	76%	68%	59%	50%	42%	35%	28%	23%	18%	14%	11%	9%	7%	5%	4%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
32.2°	61.7°	83.1°	99.7%	97.3%