

Light efficiency:

41 Lumen/Watt

Light quality:

CRI: 96.2

Color temperature:

3006 K

Output: 1537 lm

Peak: 4365 cd

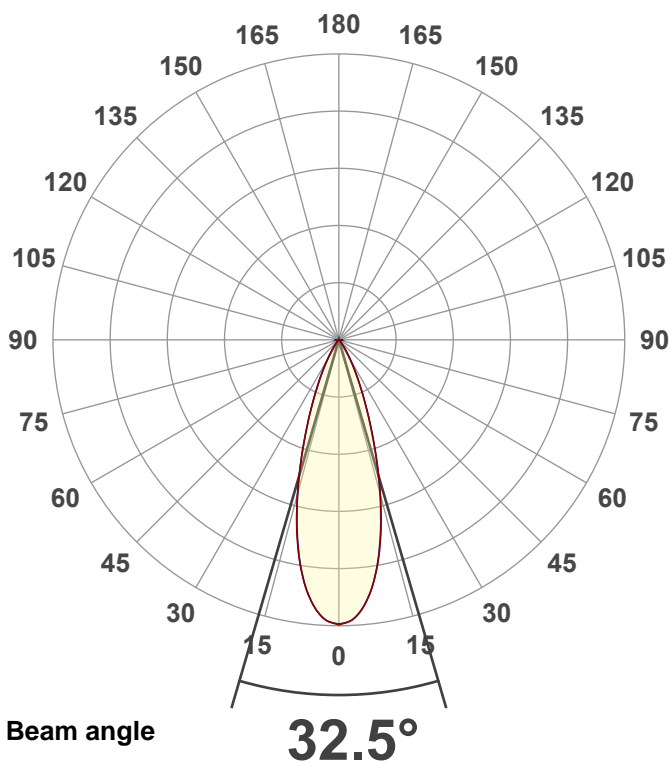
Power: 37.5 W

PF: 0.98



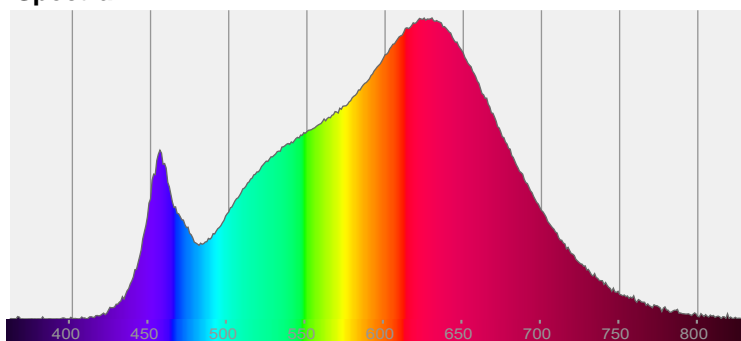
NU3-RA-WD-30LM-3018-97-30D-NA-SBL-WH-WH

Date and time:
6/30/2022 10:31:35 AM

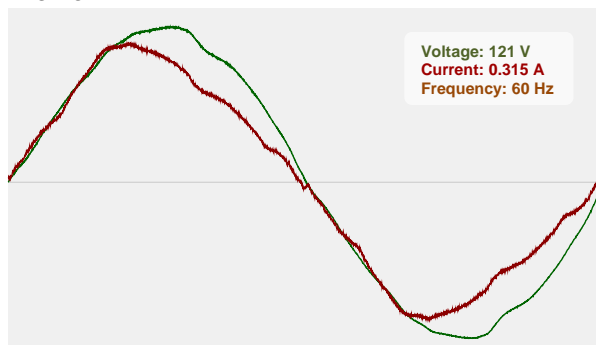


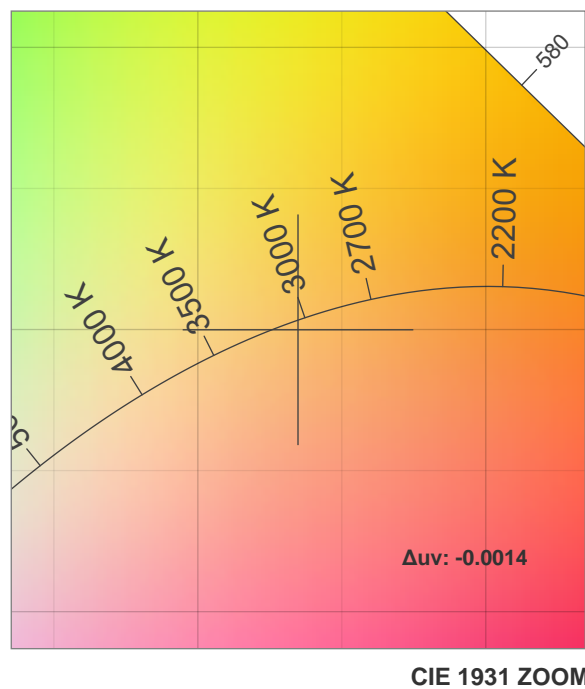
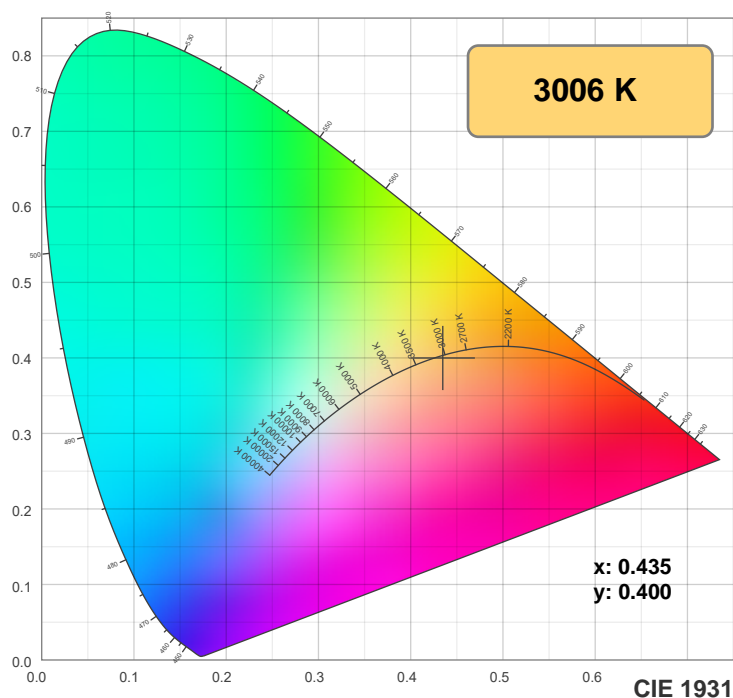
CIE 1931
x: 0.435
y: 0.400

Spectra

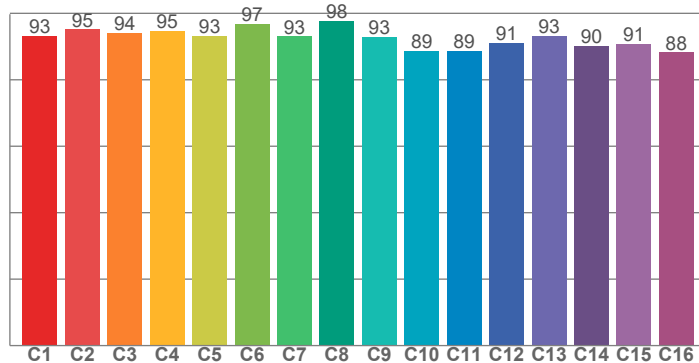


Power

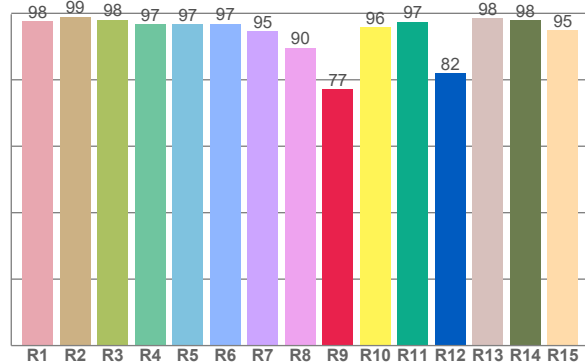




TM30: 92.7



CRI: 96.2 (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
97.6	99.0	98.1	96.8	96.7	96.8	94.6	89.6	77.2	95.8	97.4	81.9	98.4	98.0	94.9

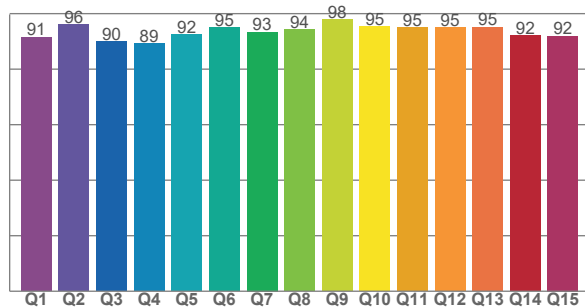
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.2	95.1	94.2	94.8	93.2	96.9	93.1	97.7	92.9	88.8	88.8	91.1	93.2	90.3	90.9	88.2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.5	96.1	89.9	89.2	92.4	94.9	93.5	94.2	97.8	95.4	95.0	95.0	95.1	92.0	91.9

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
3006 K	96.2	77.2	92.7	99.6	93.1	0.435	0.400	0.251	0.346	-0.0014

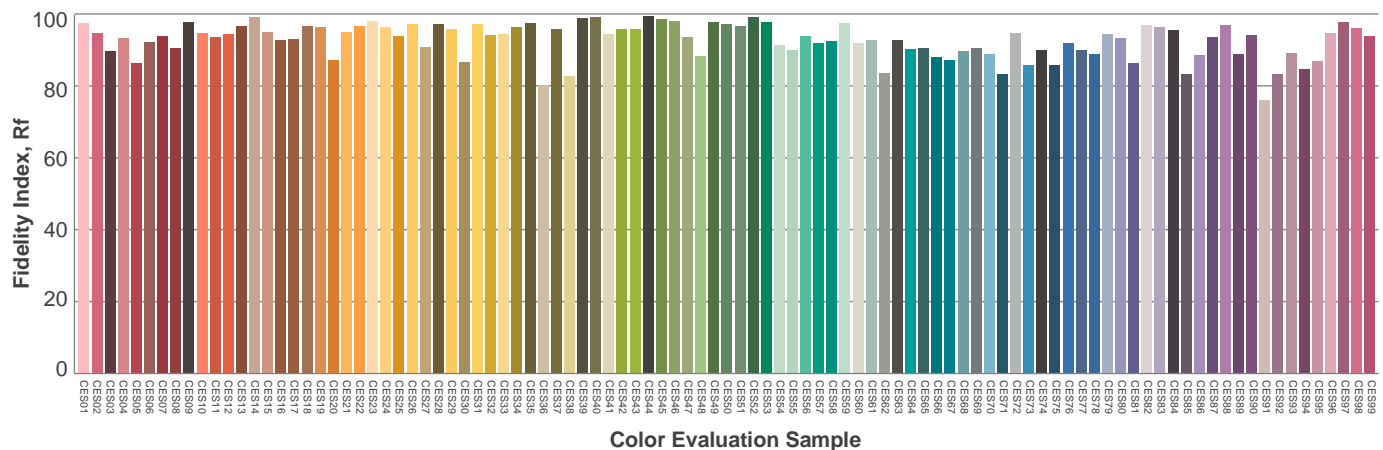
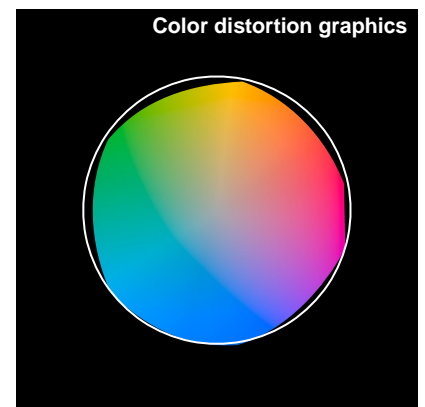
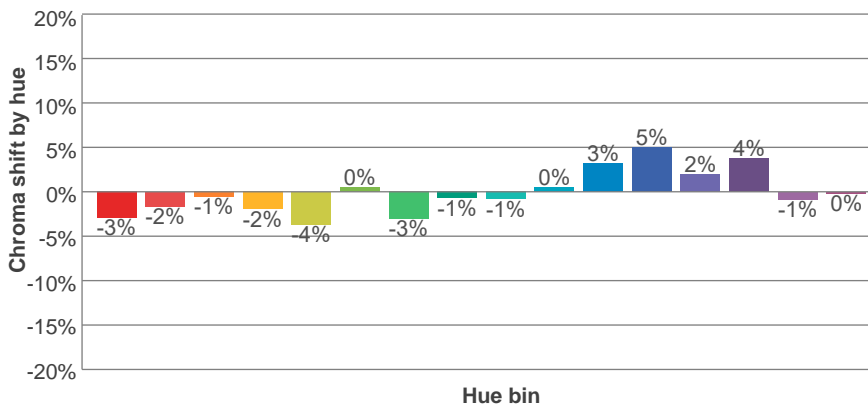
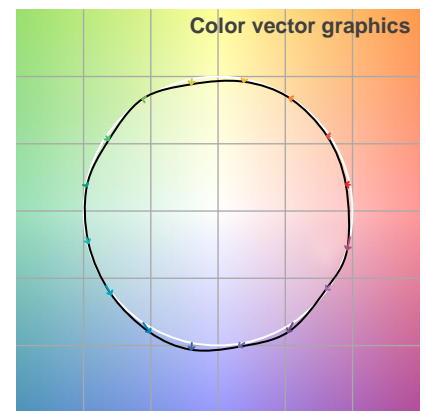
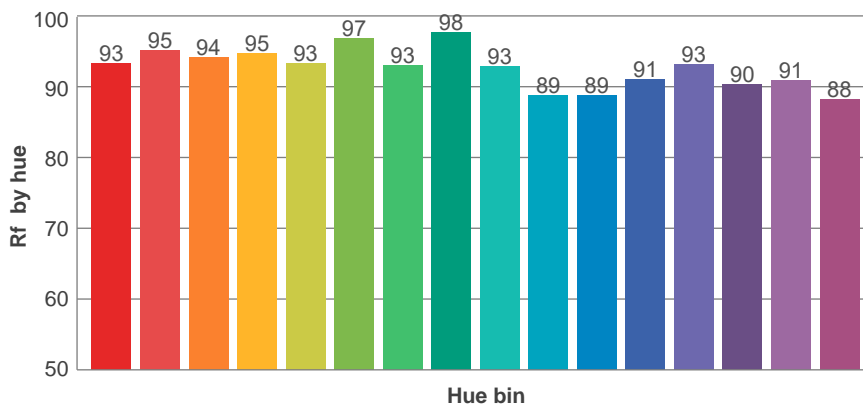
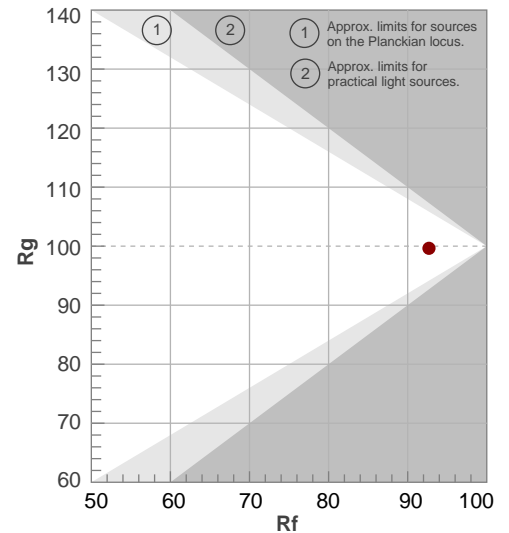
Rf 92.7

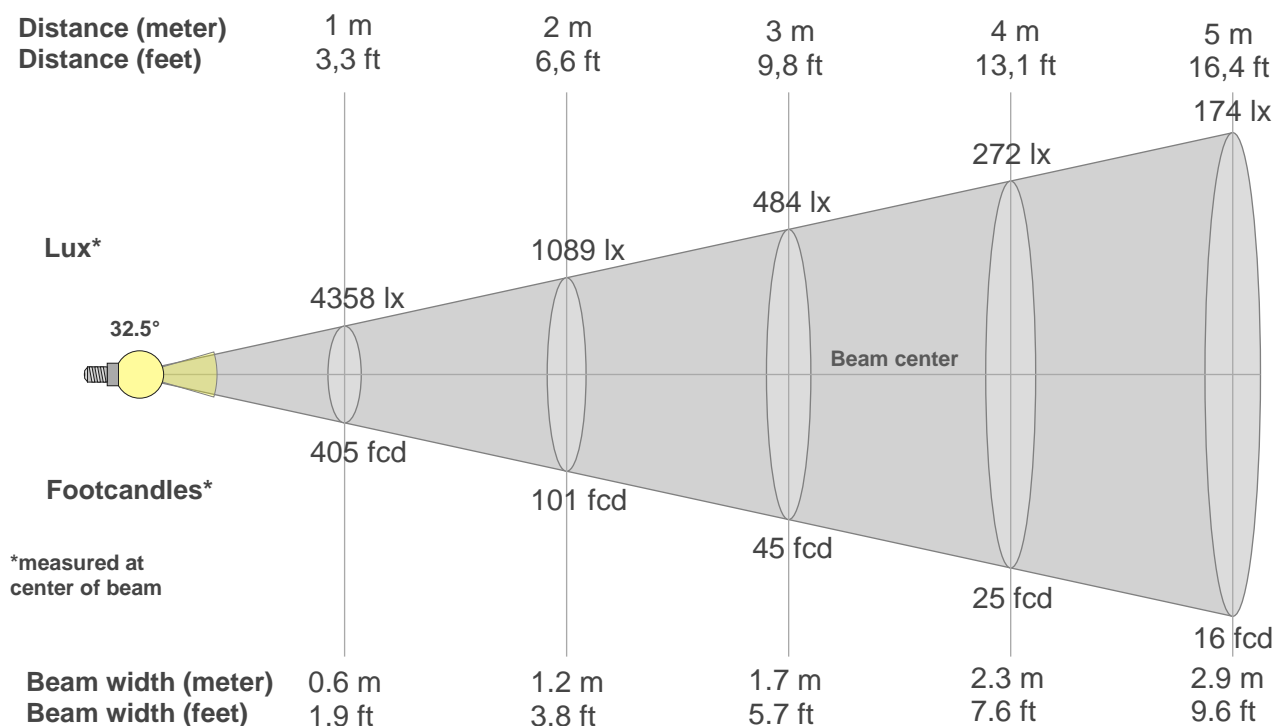
Fidelity index Rf

Rg 99.6

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-3%	1%
2	95	-2%	1%
3	94	-1%	2%
4	95	-2%	0%
5	93	-4%	1%
6	97	0%	0%
7	93	-3%	2%
8	98	-1%	1%
9	93	-1%	4%
10	89	0%	7%
11	89	3%	8%
12	91	5%	1%
13	93	2%	-4%
14	90	4%	-7%
15	91	-1%	-4%
16	88	0%	-9%





Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
4358lx	1089lx	484lx	272lx	174lx	121lx	89lx	68lx	54lx	44lx	36lx	30lx	26lx	22lx	19lx	17lx	15lx	13lx	12lx	11lx
404.8fcd	101.2fcd	45fcd	25.3fcd	16.2fcd	11.2fcd	8.3fcd	6.3fcd	5fcd	4fcd	3.3fcd	2.8fcd	2.4fcd	2.1fcd	1.8fcd	1.6fcd	1.4fcd	1.2fcd	1.1fcd	1fcd

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°
4358	4307	4198	4015	3766	3446	3071	2662	2239	1825	1445	1130	871	661	491	354	249	173	118	81
100%	99%	96%	92%	86%	79%	70%	61%	51%	42%	33%	26%	20%	15%	11%	8%	6%	4%	3%	2%

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°
4358	4308	4196	4012	3758	3435	3052	2641	2221	1815	1444	1126	874	667	496	355	243	163	111	75
100%	99%	96%	92%	86%	79%	70%	61%	51%	42%	33%	26%	20%	15%	11%	8%	6%	4%	3%	2%

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°
4358	4307	4198	4015	3766	3446	3071	2662	2239	1825	1445	1130	871	661	491	354	249	173	118	81
100%	99%	96%	92%	86%	79%	70%	61%	51%	42%	33%	26%	20%	15%	11%	8%	6%	4%	3%	2%

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°
4358	4308	4196	4012	3758	3435	3052	2641	2221	1815	1444	1126	874	667	496	355	243	163	111	75
100%	99%	96%	92%	86%	79%	70%	61%	51%	42%	33%	26%	20%	15%	11%	8%	6%	4%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32.5°	57.6°	72.5°	98.8%	97.7%