

Light efficiency:

52 Lumen/Watt

Light quality:

CRI: 94.9

Color temperature:

3088 K

Output: 982 lm

Peak: 3062 cd

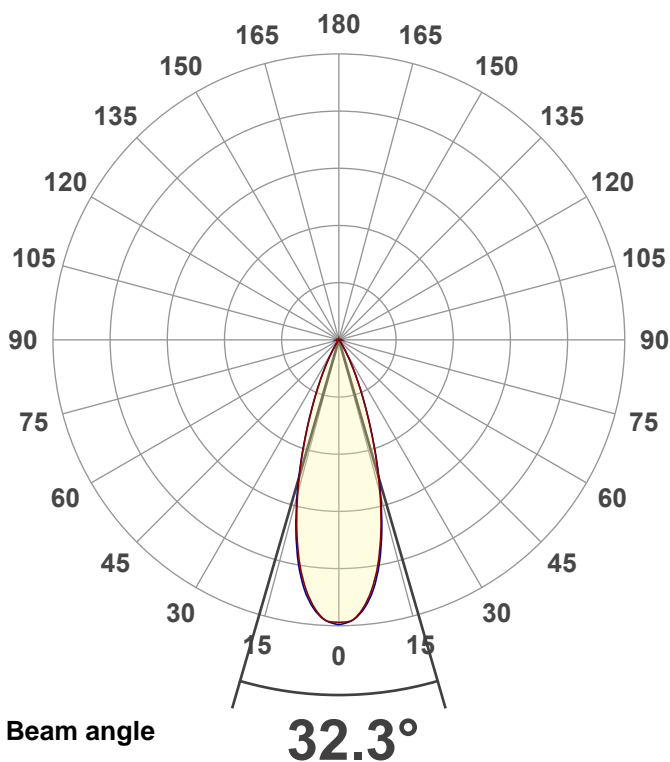
Power: 19.1 W

PF: 0.97



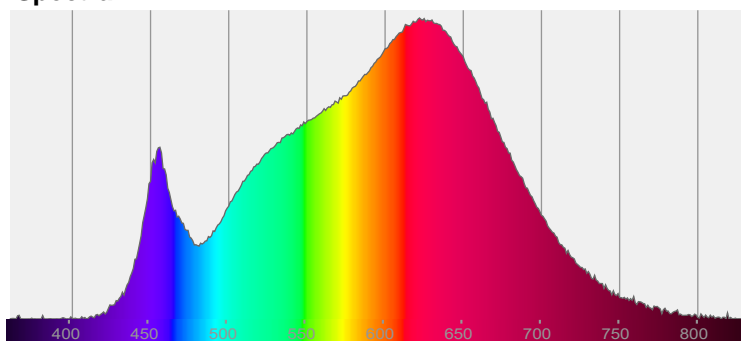
NU3-RA-WD-15LM-3018-97-35D-NA-SBL-WH-WH

Date and time:  
7/13/2022 10:55:46 AM

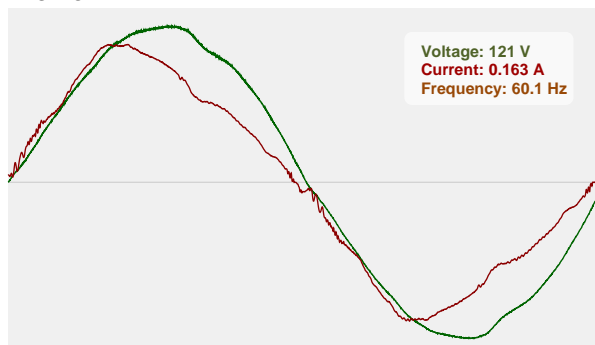


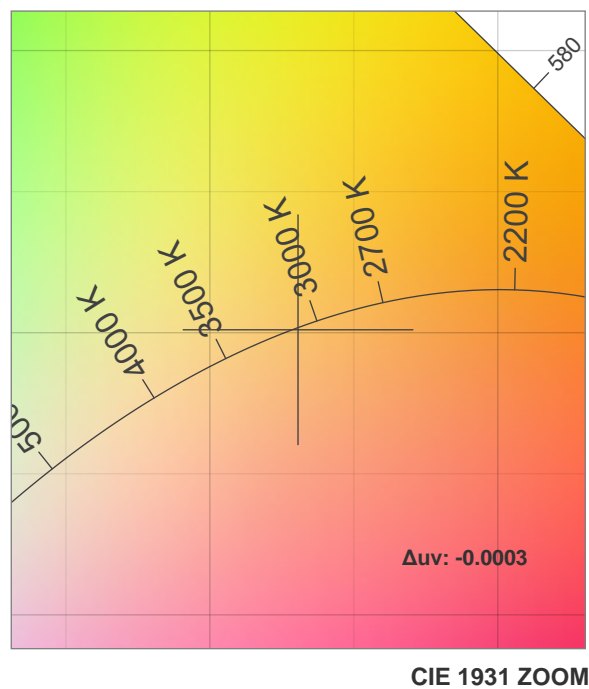
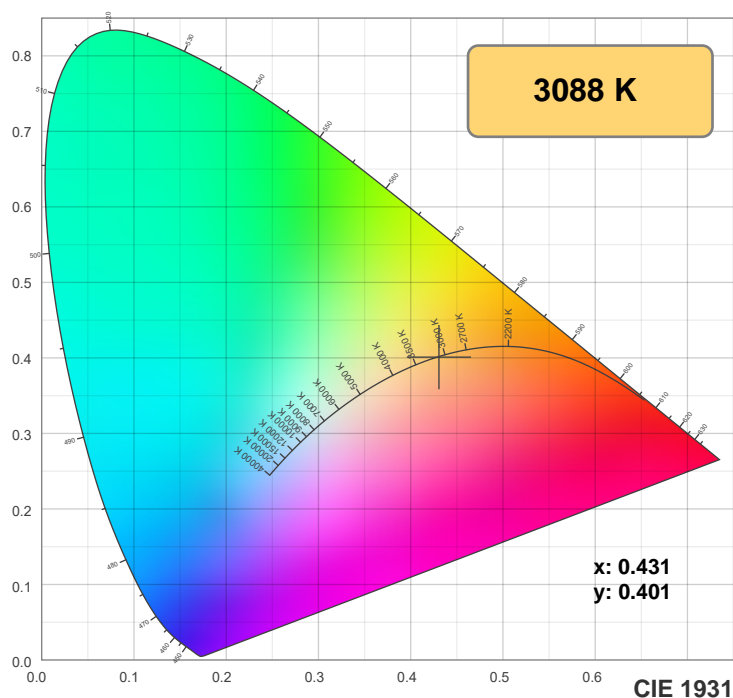
CIE 1931  
x: 0.431  
y: 0.401

Spectra

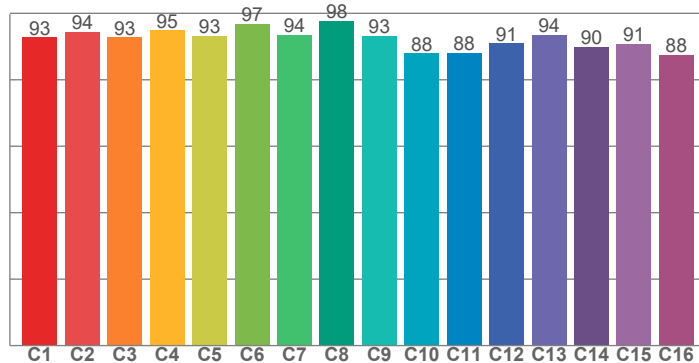


Power

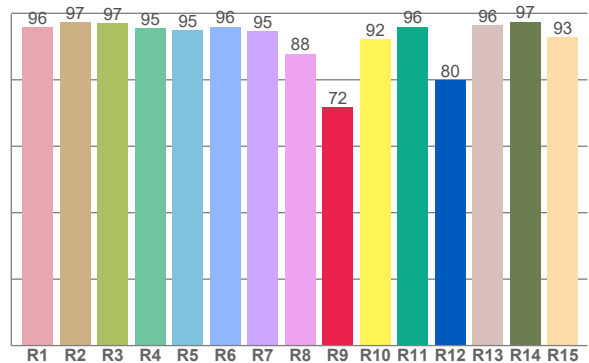




TM30: 92.4



CRI: 94.9 (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
95.7	97.4	97.0	95.5	94.8	95.9	94.7	87.9	71.8	92.1	95.9	79.8	96.4	97.5	92.8

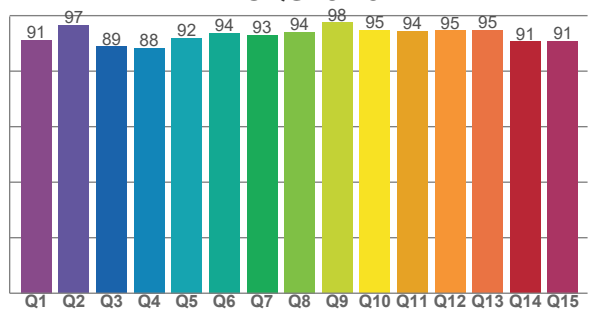
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.7	94.4	92.8	94.9	93.3	96.8	93.6	97.7	93.3	88.0	88.1	90.9	93.6	89.9	90.9	87.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.2	96.5	88.9	88.4	91.9	93.7	92.9	94.1	97.5	94.7	94.4	94.6	94.7	90.7	90.9

CQS: 92.5



## 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	$\Delta uv$
3088 K	94.9	71.8	92.4	99.6	92.5	0.431	0.401	0.248	0.346	-0.0003

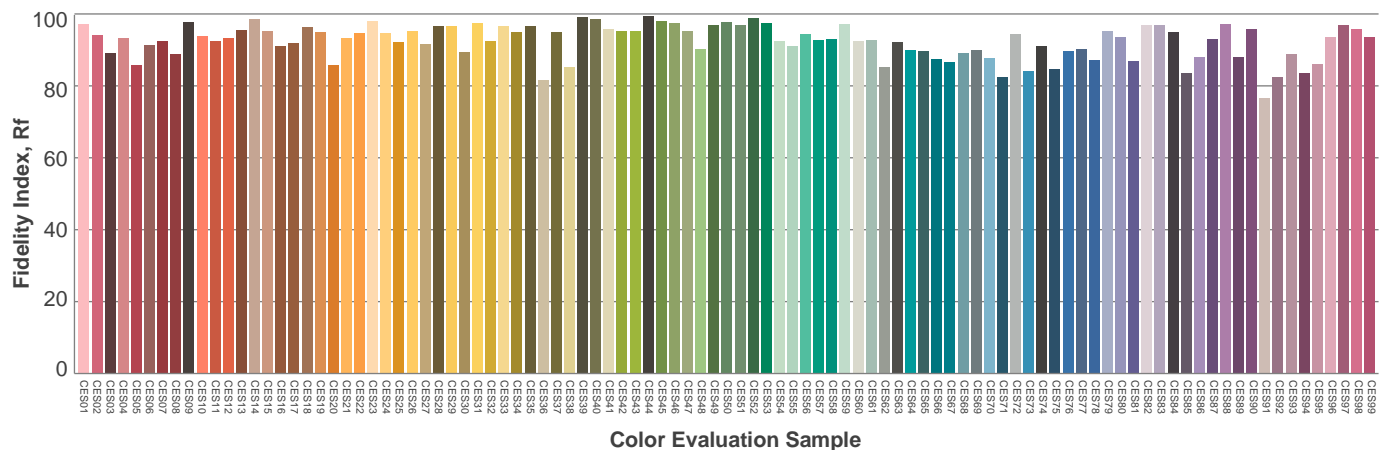
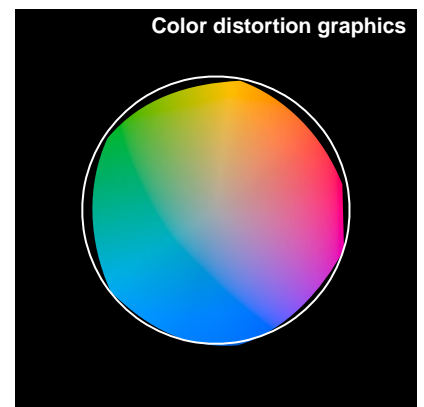
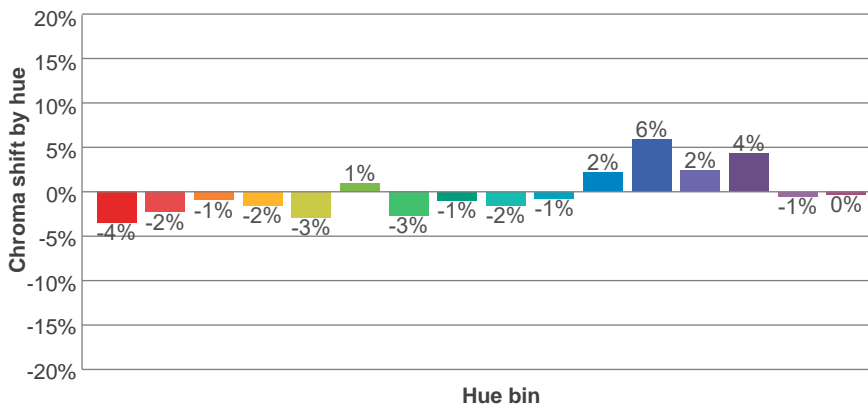
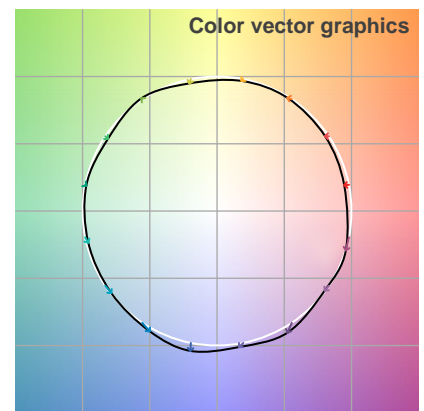
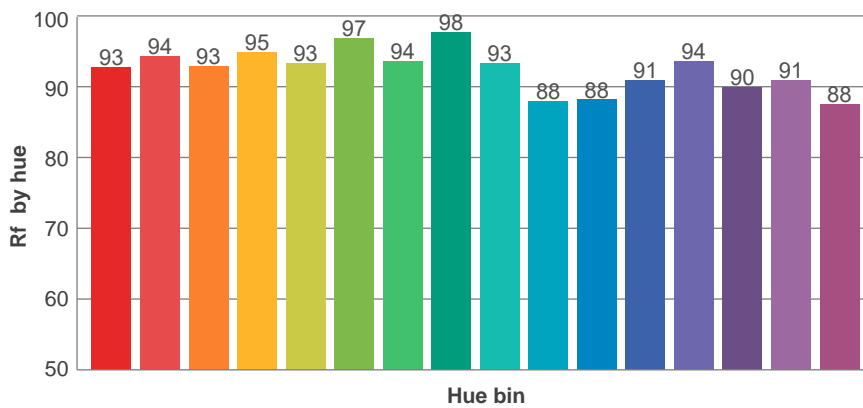
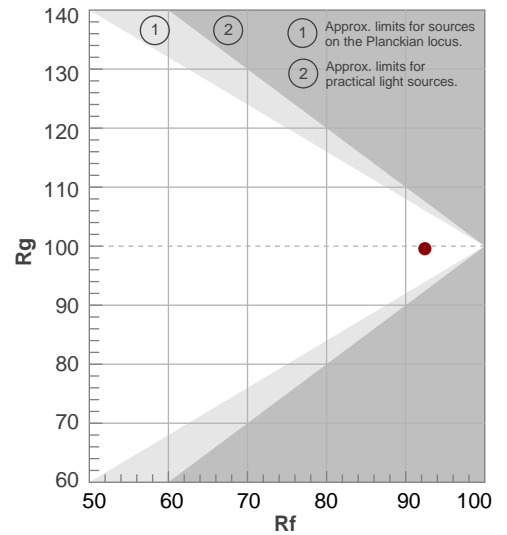
**Rf 92.4**

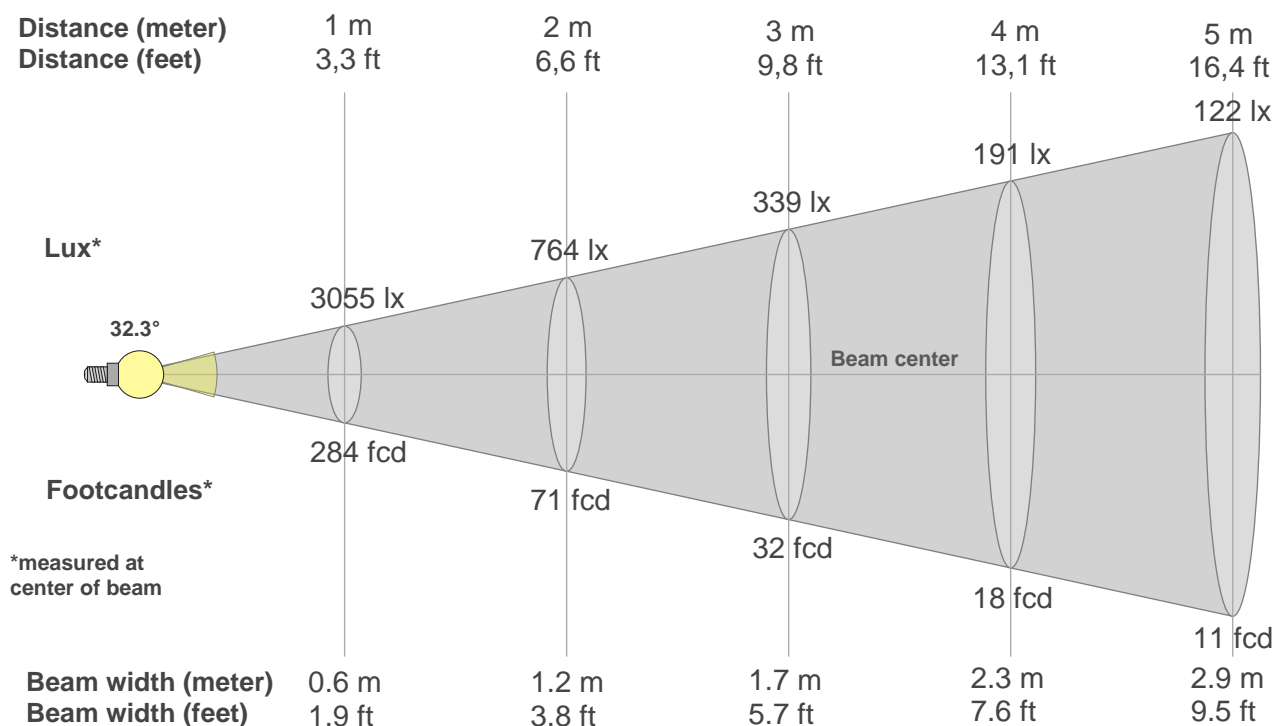
Fidelity index Rf

**Rg 99.6**

Gammut index Rg

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





#### 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
3055lx	764lx	339lx	191lx	122lx	85lx	62lx	48lx	38lx	31lx	25lx	21lx	18lx	16lx	14lx	12lx	11lx	9lx	8lx	8lx
283.8fcd	70.9fcd	31.5fcd	17.7fcd	11.4fcd	7.9fcd	5.8fcd	4.4fcd	3.5fcd	2.8fcd	2.3fcd	2fcd	1.7fcd	1.4fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd	0.7fcd

#### 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°
3055	3021	2951	2824	2649	2430	2158	1861	1554	1253	973	729	533	378	254	159	93	53	33	22
100%	99%	97%	92%	87%	80%	71%	61%	51%	41%	32%	24%	17%	12%	8%	5%	3%	2%	1%	1%

#### 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°
3055	3027	2963	2851	2692	2470	2196	1893	1578	1267	980	739	542	380	252	156	91	53	33	21
100%	99%	97%	93%	88%	81%	72%	62%	52%	41%	32%	24%	18%	12%	8%	5%	3%	2%	1%	1%

#### 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°
3055	3021	2951	2824	2649	2430	2158	1861	1554	1253	973	729	533	378	254	159	93	53	33	22
100%	99%	97%	92%	87%	80%	71%	61%	51%	41%	32%	24%	17%	12%	8%	5%	3%	2%	1%	1%

#### 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°
3055	3027	2963	2851	2692	2470	2196	1893	1578	1267	980	739	542	380	252	156	91	53	33	21
100%	99%	97%	93%	88%	81%	72%	62%	52%	41%	32%	24%	18%	12%	8%	5%	3%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32.3°	54°	65.4°	99.4%	98.9%