

Light efficiency:

71 Lumen/Watt

Light quality:

CRI: 82.6

Color temperature:

2983 K

Output: 1857 lm

Peak: 1315 cd

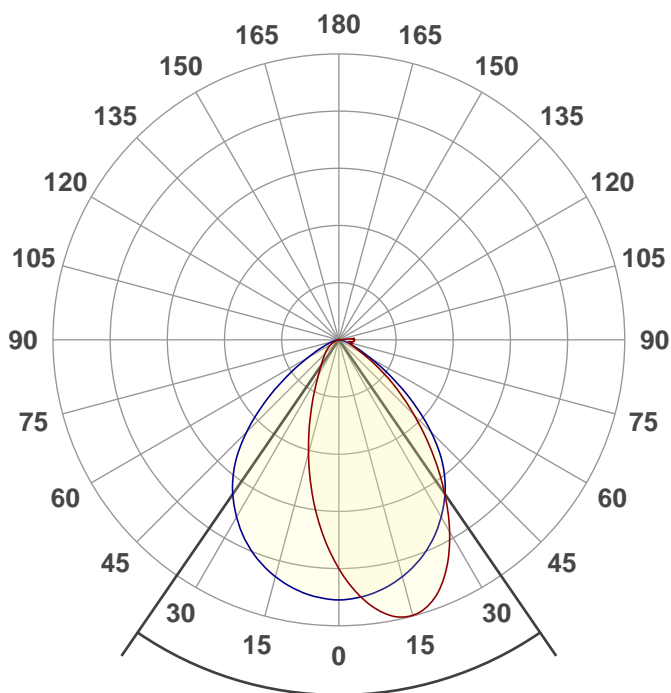
Power: 26.1 W

PF: 0.97



**NU3-RW-SW-30LM-30K-80-WW-120-DIM10-NC-WH-WH**

Date and time:  
2/22/2021 10:15:15 AM



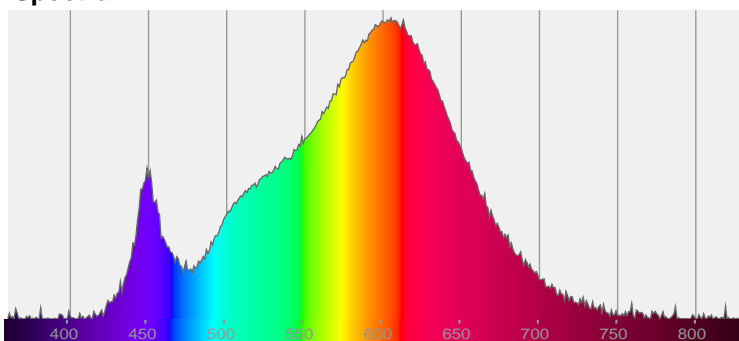
Beam angle

**69°**

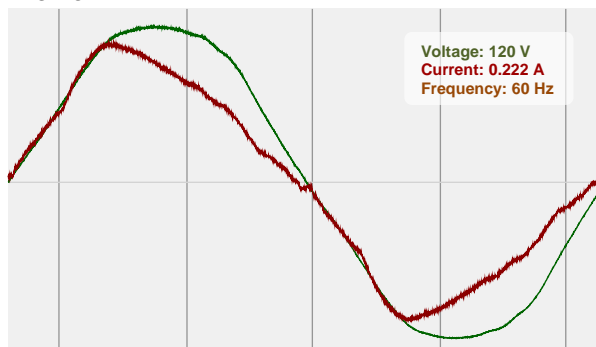


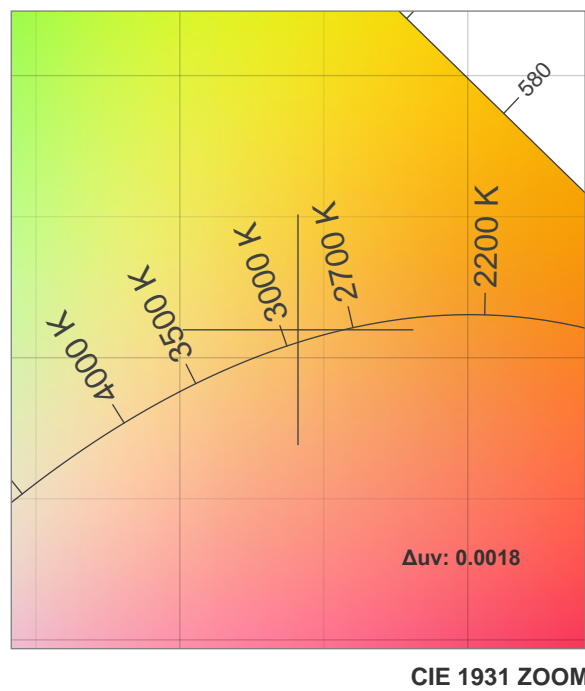
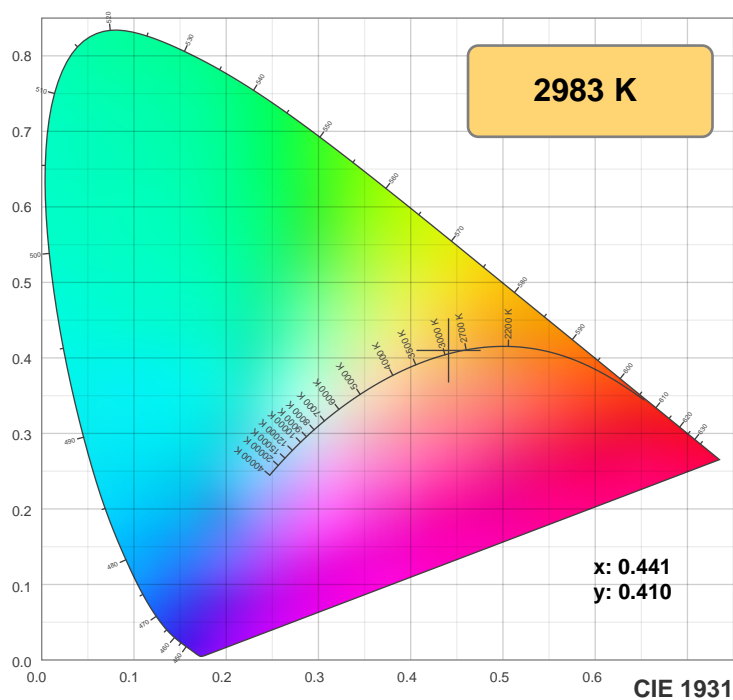
CIE 1931  
x: 0.441  
y: 0.410

Spectra

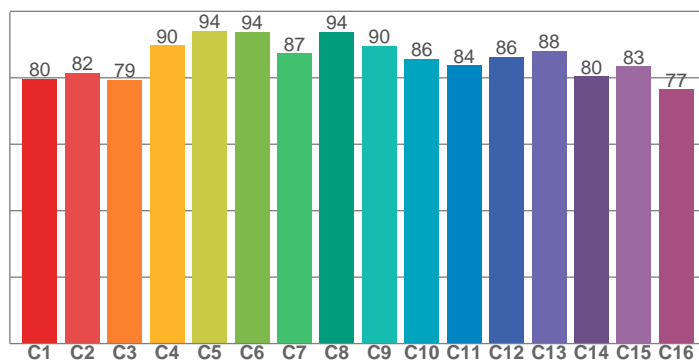


Power

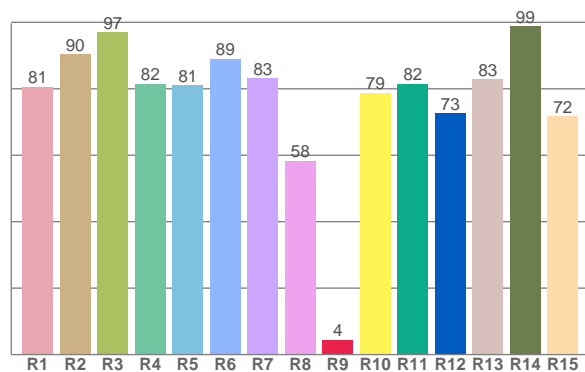




TM30: 85.7



CRI: 82.6 (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
80.6	90.4	97.1	81.5	81.0	89.0	83.1	58.4	4.5	78.8	81.5	72.7	82.9	98.9	71.7

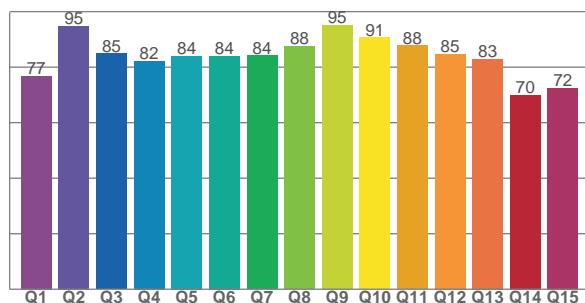
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.7	81.6	79.4	89.8	94.2	93.8	87.3	93.8	89.5	85.7	83.7	86.3	88.0	80.4	83.5	76.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
76.8	94.8	84.9	82.3	84.0	84.0	84.2	87.5	95.2	90.6	87.7	84.8	82.9	70.1	72.4

CQS: 82.6



## 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
2983 K	82.6	4.5	85.7	95.4	82.6	0.441	0.410	0.251	0.350	0.0018

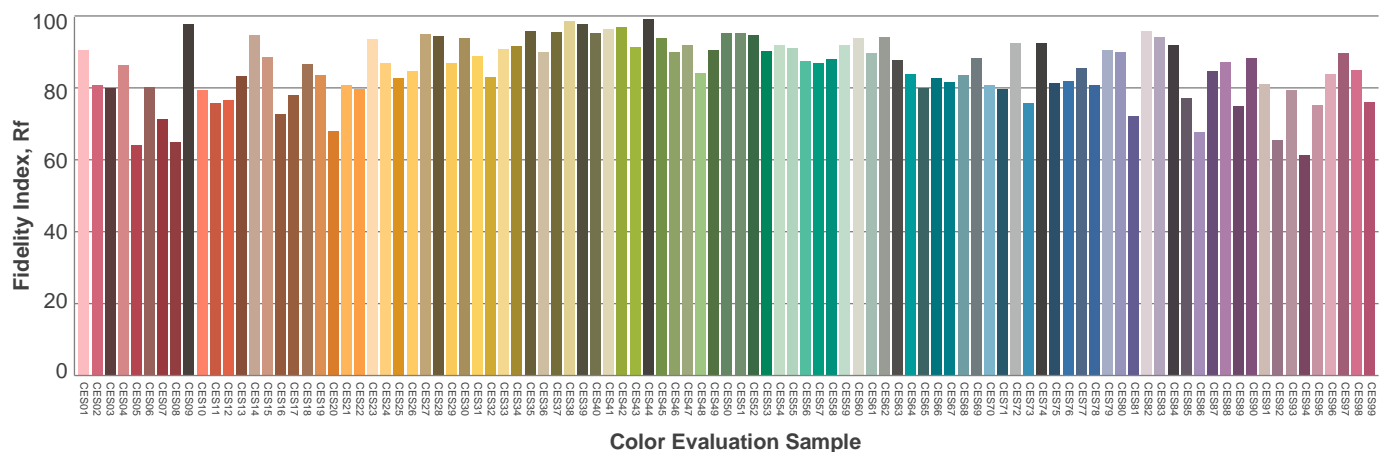
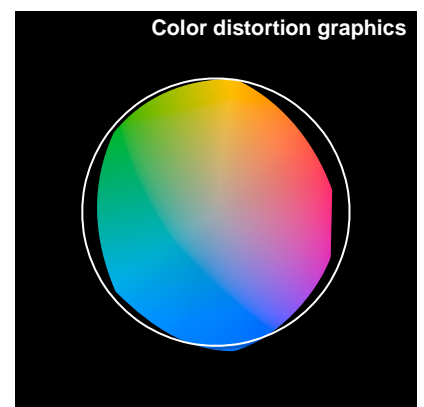
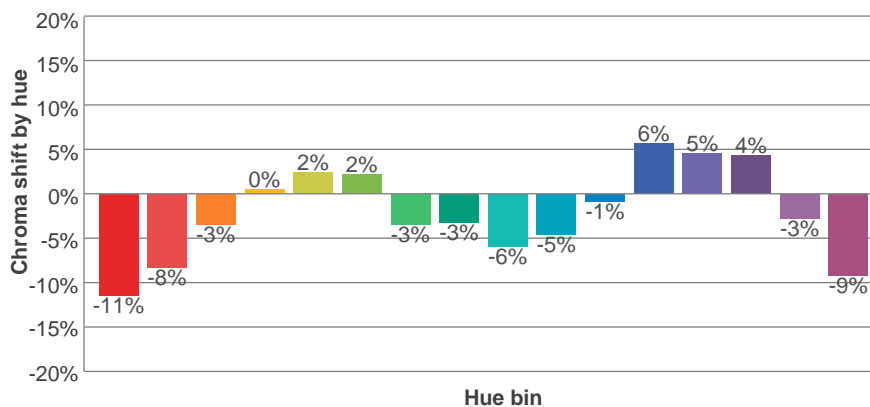
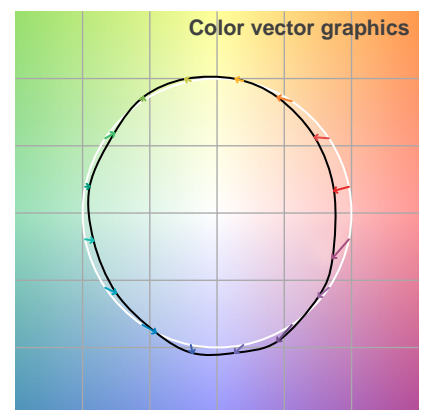
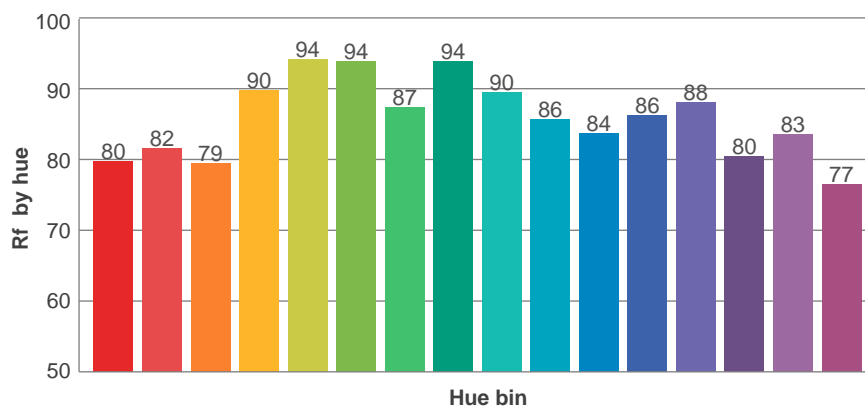
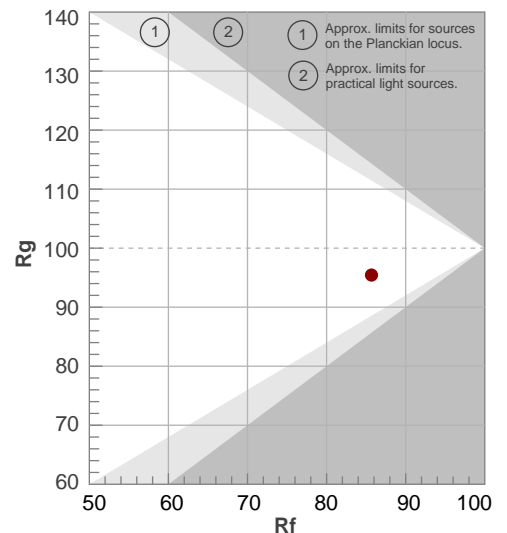
**Rf 85.7**

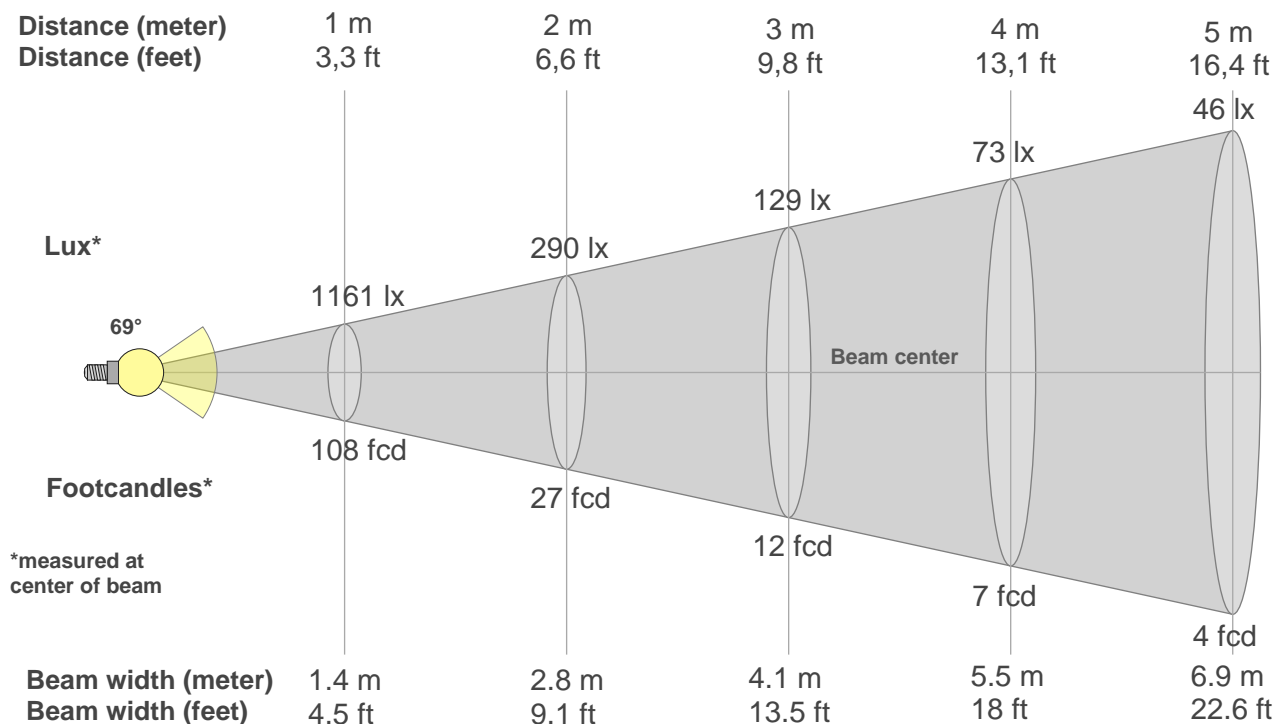
Fidelity index Rf

**Rg 95.4**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	80	-11%	-1%
2	82	-8%	7%
3	79	-3%	10%
4	90	0%	6%
5	94	2%	4%
6	94	2%	-2%
7	87	-3%	-7%
8	94	-3%	-1%
9	90	-6%	2%
10	86	-5%	8%
11	84	-1%	12%
12	86	6%	3%
13	88	5%	-7%
14	80	4%	-16%
15	83	-3%	-10%
16	77	-9%	-16%





**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
1161lx	290lx	129lx	73lx	46lx	32lx	24lx	18lx	14lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
107.9fcd	27fcd	12fcd	6.7fcd	4.3fcd	3fcd	2.2fcd	1.7fcd	1.3fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd

**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°
1161	1192	1284	1313	1273	1171	1023	847	666	495	348	221	129	82	58	64	53	69	73	66
100%	103%	111%	113%	110%	101%	88%	73%	57%	43%	30%	19%	11%	7%	5%	6%	5%	6%	6%	6%

**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°
1161	1193	1170	1133	1085	1022	945	856	744	603	445	293	173	97	54	29	16	7	3	1
100%	103%	101%	98%	93%	88%	81%	74%	64%	52%	38%	25%	15%	8%	5%	3%	1%	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°
1161	893	718	546	394	275	194	144	113	91	73	57	42	28	15	9	5	0	0	0
100%	77%	62%	47%	34%	24%	17%	12%	10%	8%	6%	5%	4%	2%	1%	1%	0%	0%	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°
1161	1193	1170	1133	1085	1022	945	856	744	603	445	293	173	97	54	29	16	7	3	1
100%	103%	101%	98%	93%	88%	81%	74%	64%	52%	38%	25%	15%	8%	5%	3%	1%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
{B_ANG}°	112.9°	155.9°	91.8%	73.7%