

Light efficiency:

88 Lumen/Watt

Light quality:

CRI: 80.9

Color temperature:

3054 K

Output: 2915 lm

Peak: 8902 cd

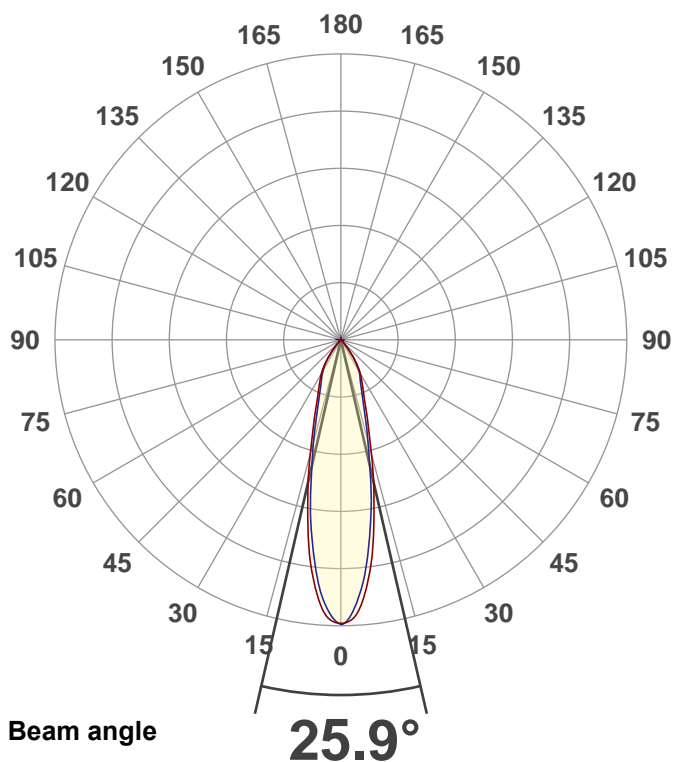
Power: 33.1 W

PF: 0.98



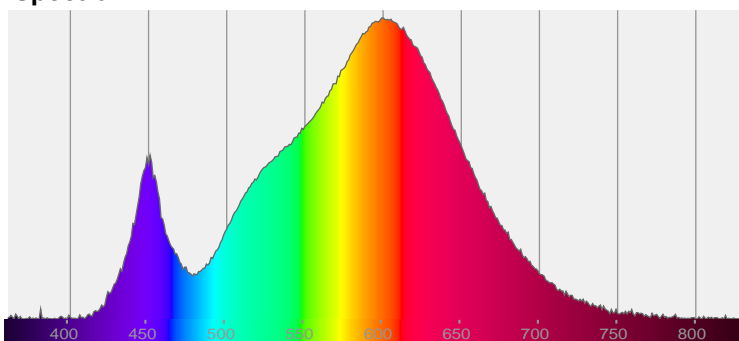
NU3-RD-SW-35LM-30K-80-25C-120-DIM10-NC-WH-WH

Date and time:
11/9/2020 10:14:11 AM

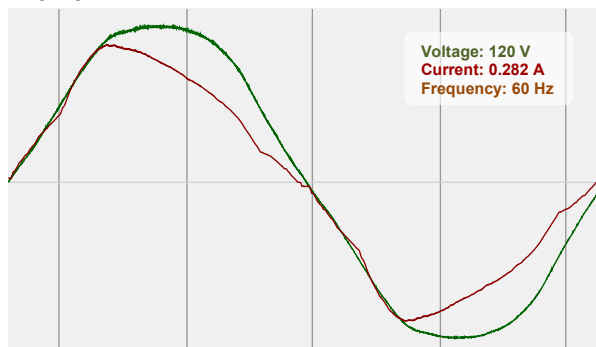


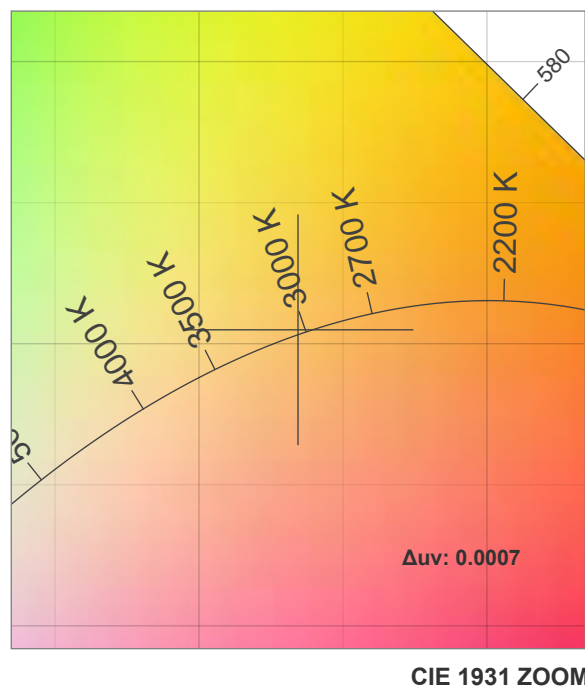
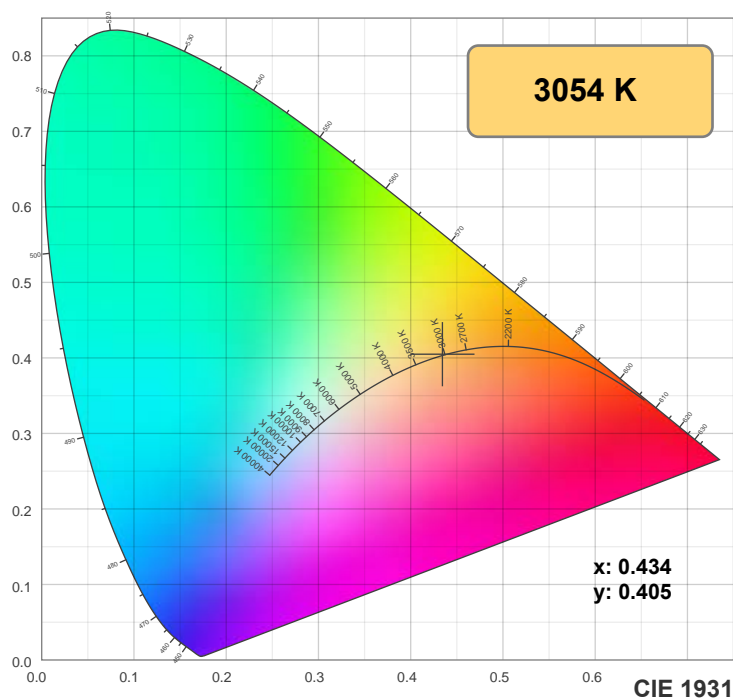
CIE 1931
x: 0.434
y: 0.405

Spectra

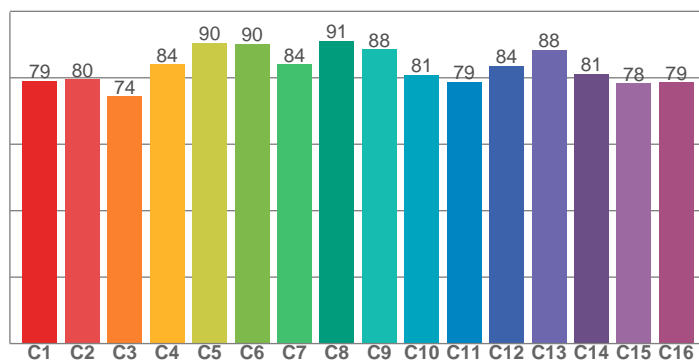


Power

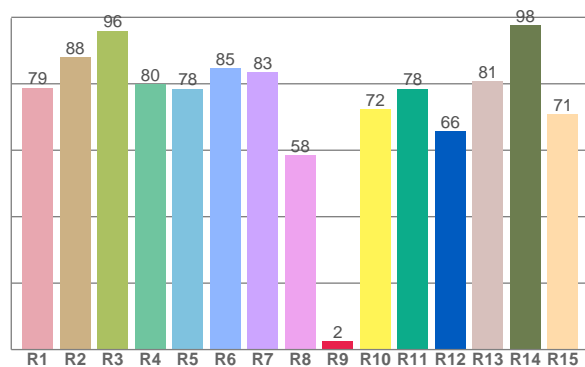




TM30: 83.1



CRI: 80.9 (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
78.8	88.0	95.9	79.8	78.5	84.7	83.4	58.5	2.4	72.4	78.5	65.8	80.8	97.7	70.9

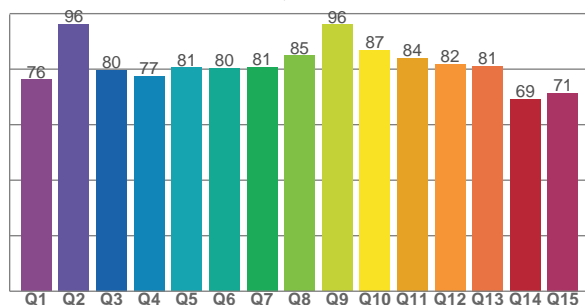
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.1	79.6	74.4	84.1	90.5	90.2	84.1	91.2	88.5	80.9	78.8	83.5	88.3	81.2	78.4	78.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
76.2	96.2	79.7	77.5	80.6	80.3	80.7	84.8	96.0	86.9	84.0	81.9	81.2	69.2	71.5

CQS: 80.3



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
3054 K	80.9	2.4	83.1	96.8	80.3	0.434	0.405	0.249	0.348	0.0007

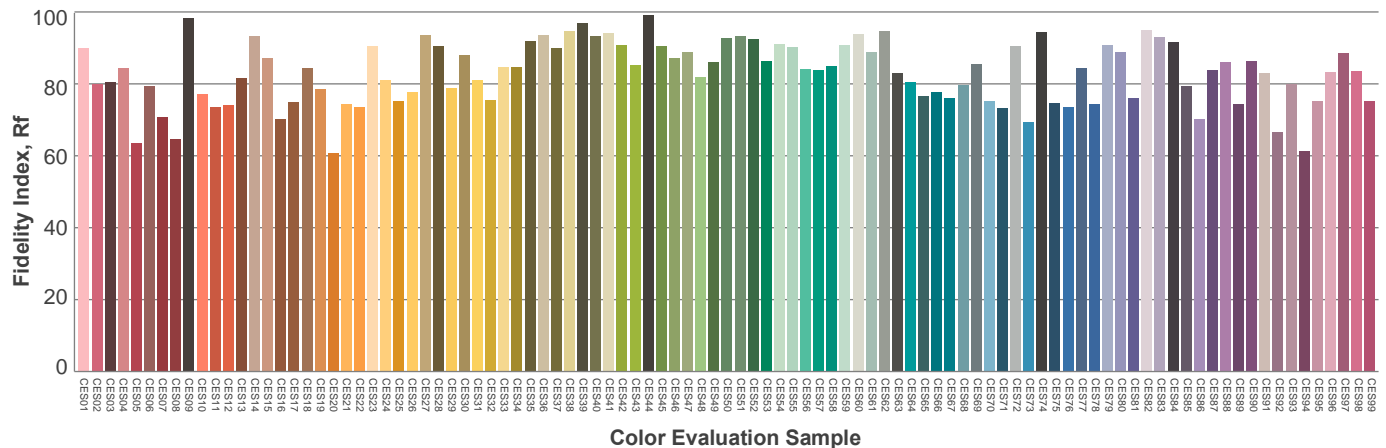
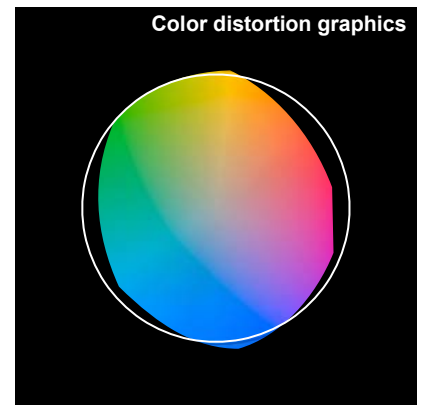
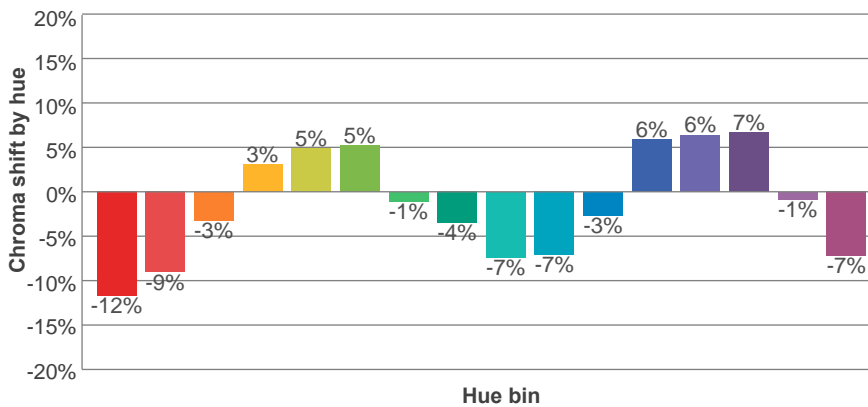
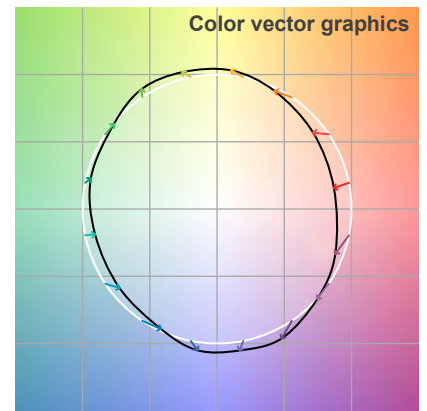
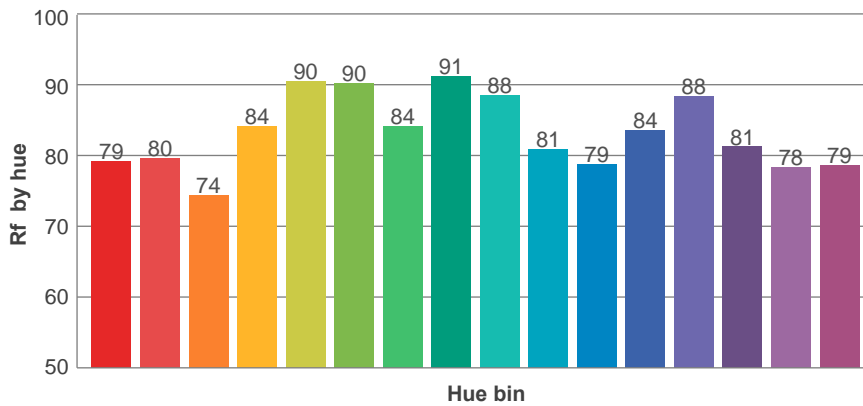
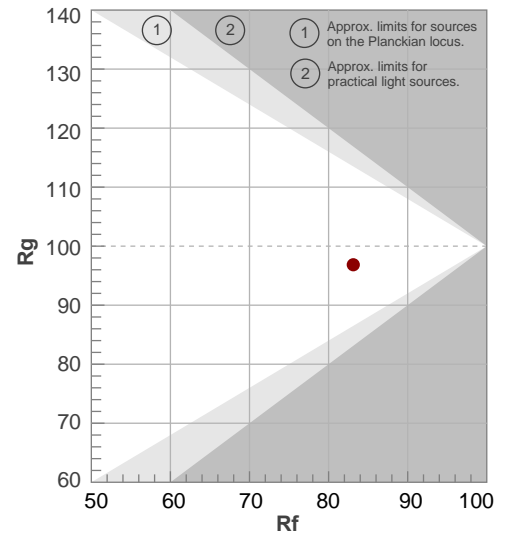
Rf 83.1

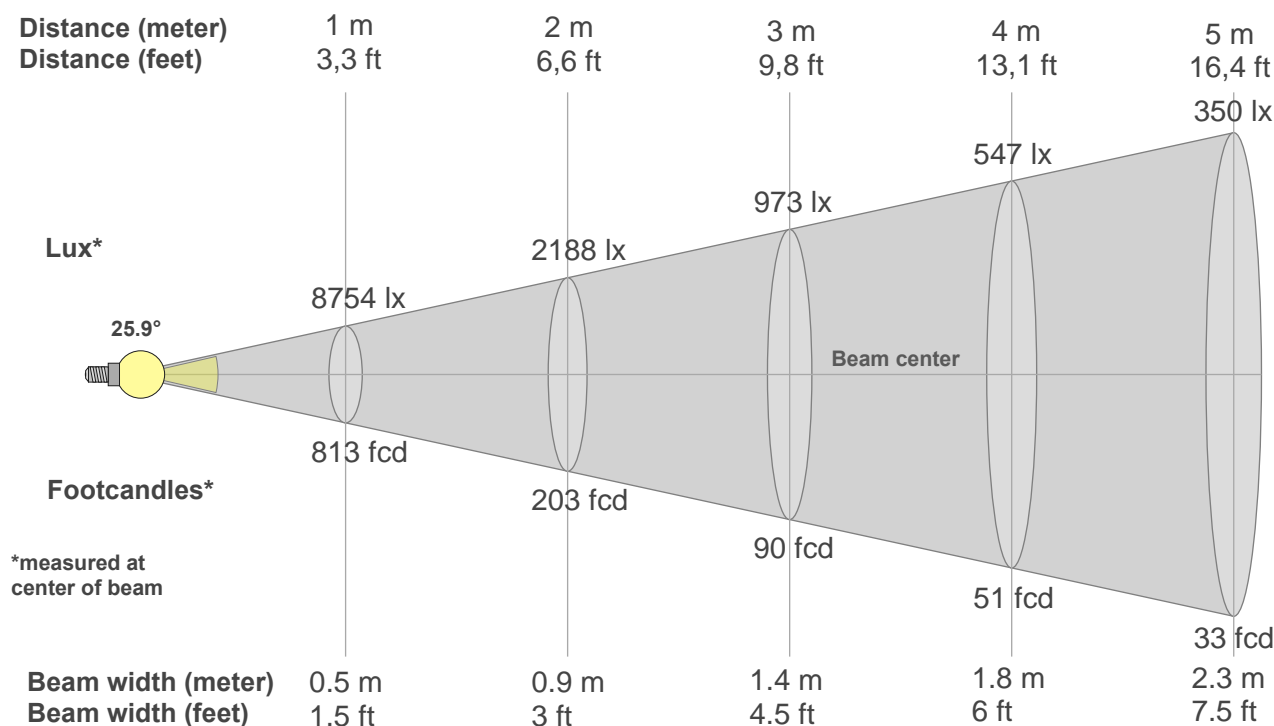
Fidelity index Rf

Rg 96.8

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	79	-12%	-2%
2	80	-9%	8%
3	74	-3%	13%
4	84	3%	10%
5	90	5%	6%
6	90	5%	-3%
7	84	-1%	-10%
8	91	-4%	-4%
9	88	-7%	1%
10	81	-7%	8%
11	79	-3%	15%
12	84	6%	6%
13	88	6%	-4%
14	81	7%	-14%
15	78	-1%	-14%
16	79	-7%	-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
8754lx	2188lx	973lx	547lx	350lx	243lx	179lx	137lx	108lx	88lx	72lx	61lx	52lx	45lx	39lx	34lx	30lx	27lx	24lx	22lx
813.3fcd	203.3fcd	90.4fcd	50.8fcd	32.5fcd	22.6fcd	16.6fcd	12.7fcd	10fcd	8.1fcd	6.7fcd	5.6fcd	4.8fcd	4.1fcd	3.6fcd	3.2fcd	2.8fcd	2.5fcd	2.3fcd	2fcd

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°
8754	8683	8311	7640	6931	5972	5012	4194	3434	2775	2371	1967	1741	1544	1364	1207	1049	853	657	477
100%	99%	95%	87%	79%	68%	57%	48%	39%	32%	27%	22%	20%	18%	16%	14%	12%	10%	8%	5%

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°
8754	8480	7951	7280	6367	5453	4575	3699	3017	2511	2032	1793	1554	1392	1266	1130	963	796	608	415
100%	97%	91%	83%	73%	62%	52%	42%	34%	29%	23%	20%	18%	16%	14%	13%	11%	9%	7%	5%

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°
8754	8683	8311	7640	6931	5972	5012	4194	3434	2775	2371	1967	1741	1544	1364	1207	1049	853	657	477
100%	99%	95%	87%	79%	68%	57%	48%	39%	32%	27%	22%	20%	18%	16%	14%	12%	10%	8%	5%

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°
8754	8443	8062	7283	6395	5497	4581	3665	3068	2494	2073	1796	1532	1393	1255	1110	962	803	610	417
100%	96%	92%	83%	73%	63%	52%	42%	35%	28%	24%	21%	17%	16%	14%	13%	11%	9%	7%	5%

Beam angle 50°	Field angle 10°	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
{B_ANG}°	66.8°	81.7°	99.4%	98.8%