

Light efficiency:

60 Lumen/Watt

Light quality:

CRI: 96.8

Color temperature:

2949 K

Output: 631 lm

Peak: 469 cd

Power: 10.5 W

PF: 0.99



Beam angle

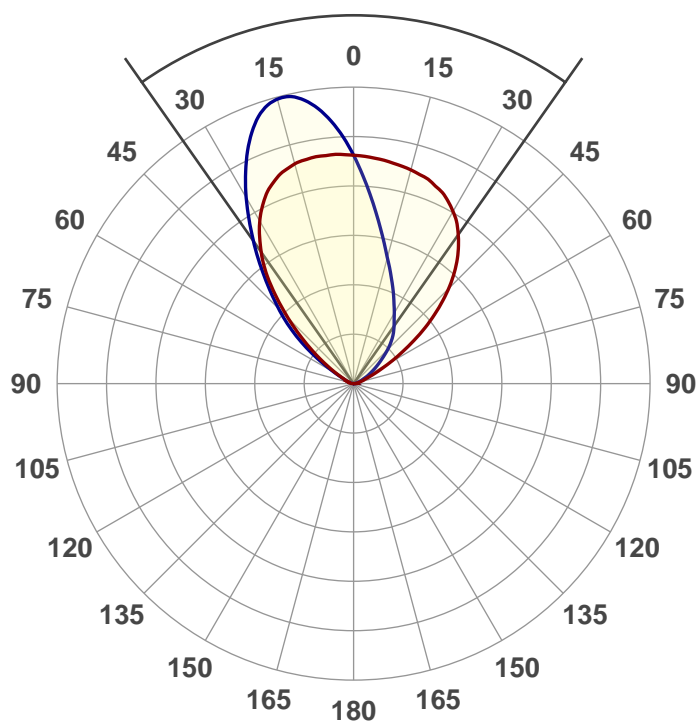
70.2°

Product name:

NU3-RW-XTM19-07LM-30K-98-WW-120-Dim10-NC-WH-WH

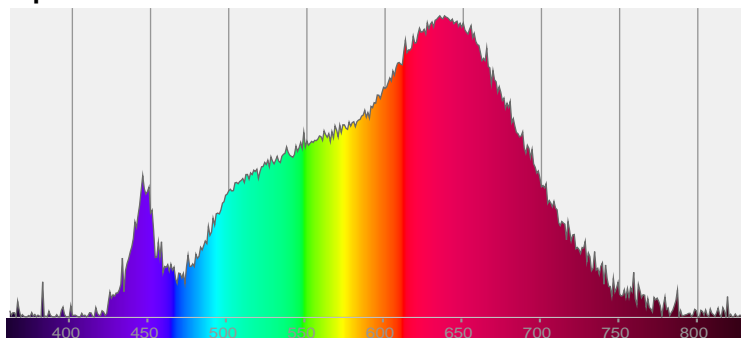
Date and time:

12/12/2017 12:47:56 PM

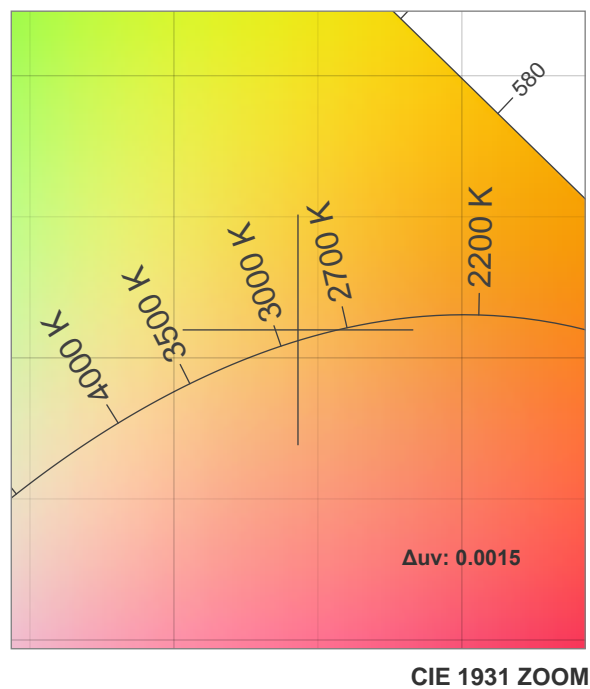
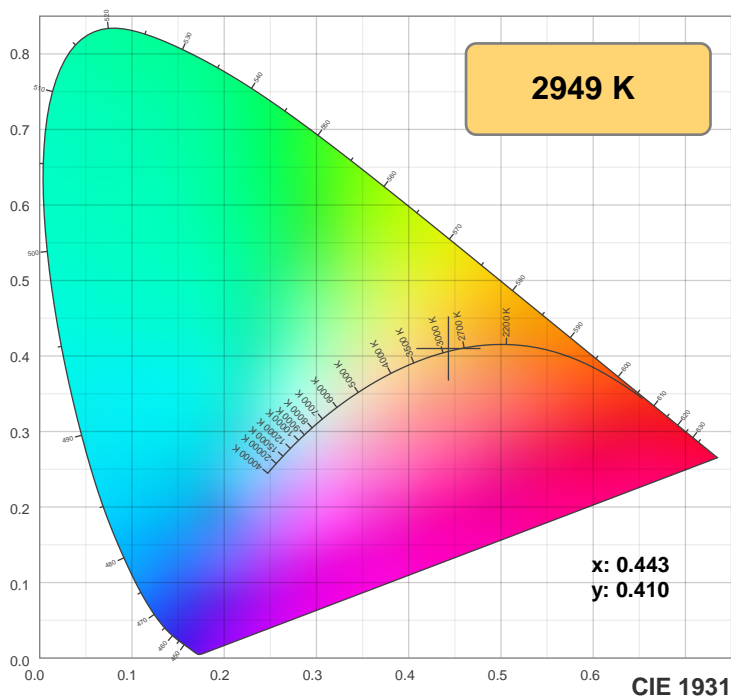


CIE 1931
x: 0.443
y: 0.410

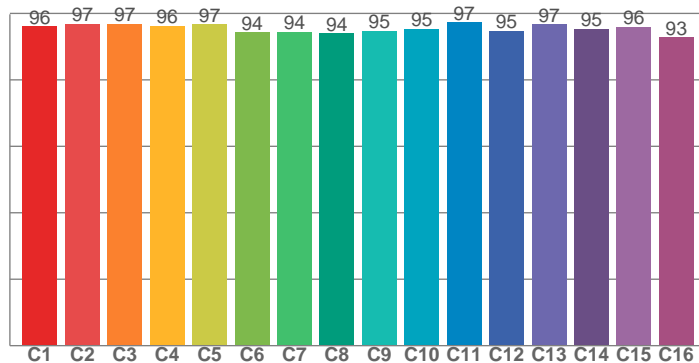
Spectra



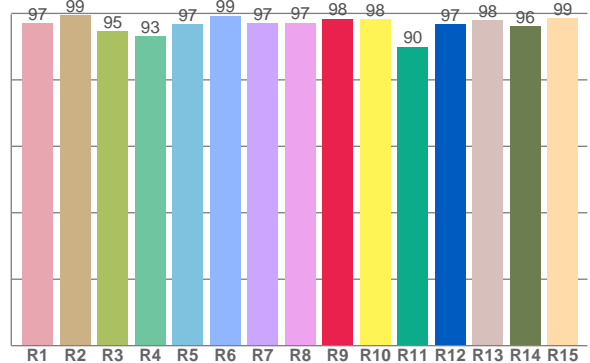
Color details



TM30: 95.7



CRI: 96.8 (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
97.1	99.4	94.5	93.2	96.8	99.3	97.0	97.2	98.4	98.2	89.9	96.8	98.0	96.2	98.6

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
96.1	96.8	96.8	96.3	96.7	94.2	94.5	94.0	94.8	95.4	97.3	94.7	96.7	95.3	96.0	92.7

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	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	x	y	u	v	Δuv
2949 K	96.8	98.4	95.7	102.8	0.443	0.410	0.252	0.350	0.0015

TM30 details

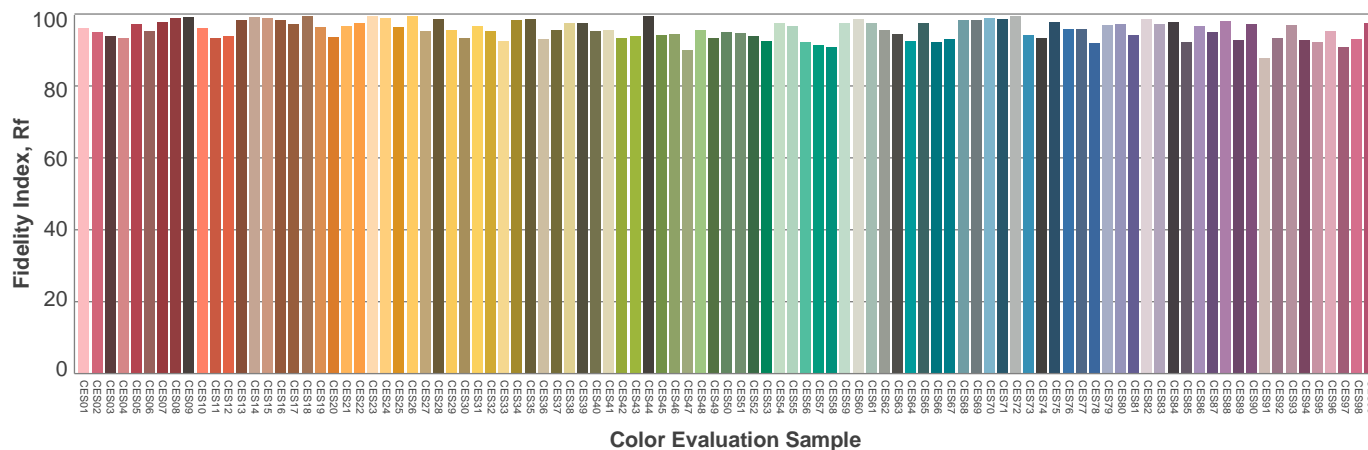
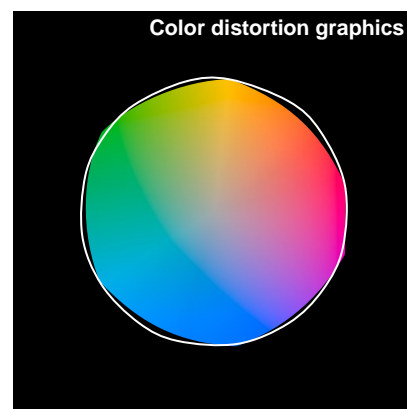
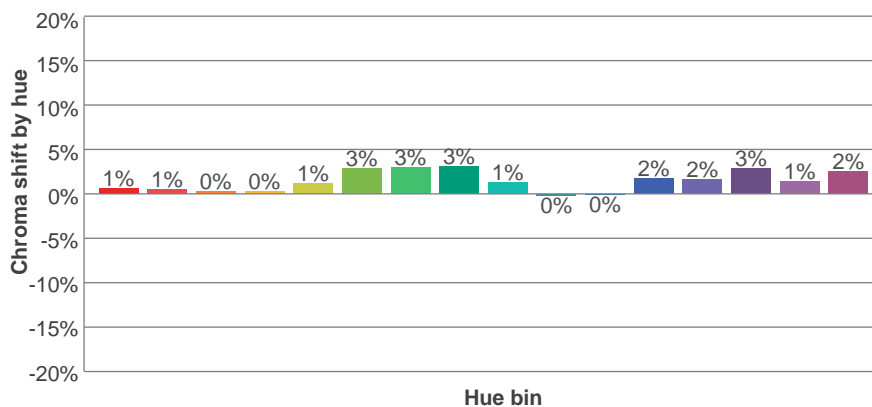
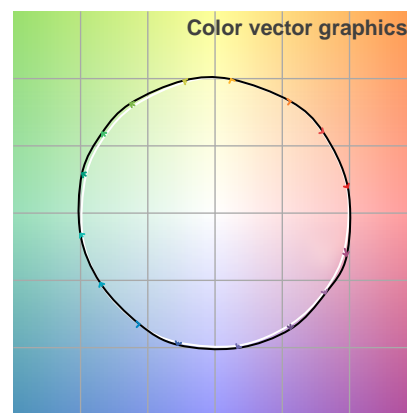
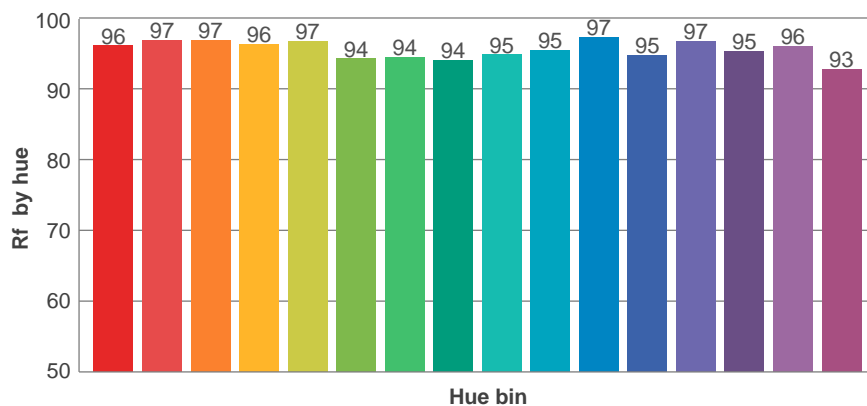
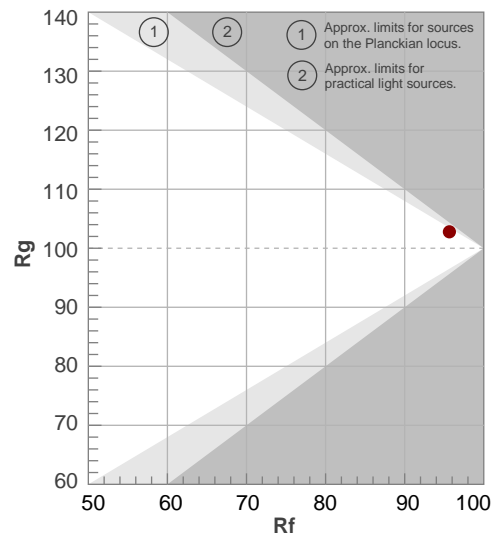
Rf 95.7

Fidelity index Rf

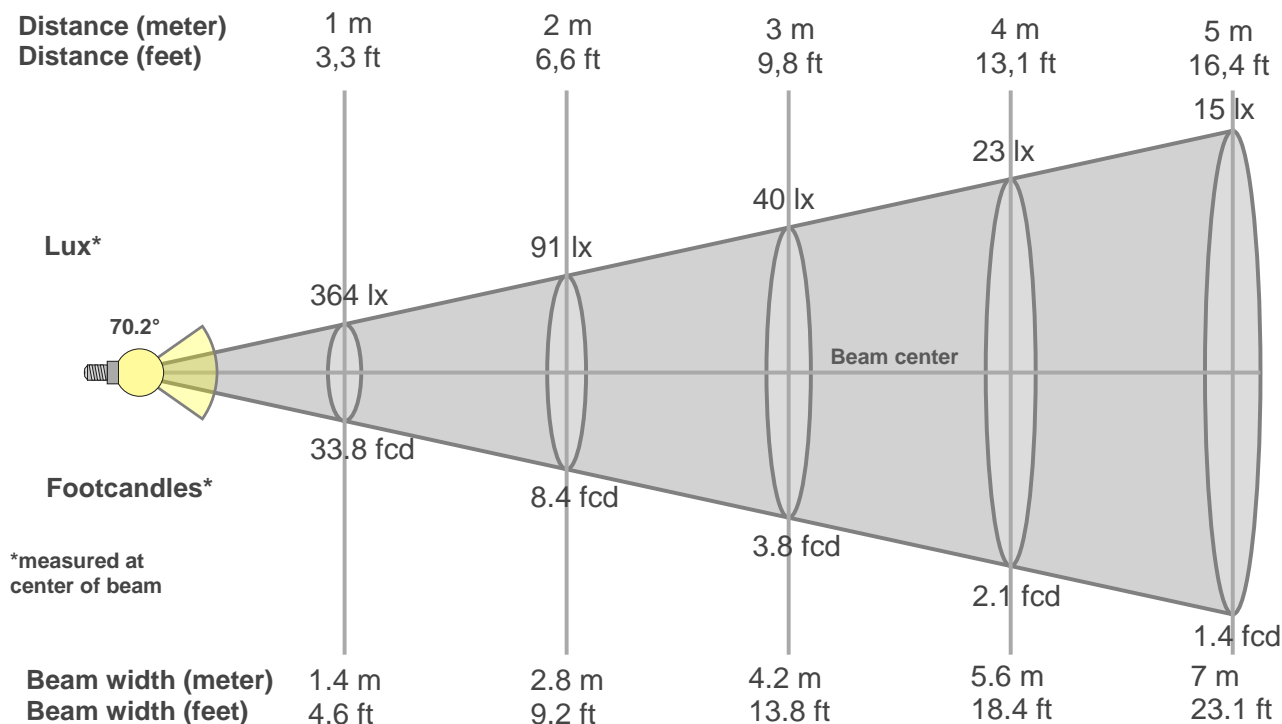
Rg 102.8

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-2%
2	97	1%	-1%
3	97	0%	0%
4	96	0%	0%
5	97	1%	2%
6	94	3%	2%
7	94	3%	-1%
8	94	3%	-1%
9	95	1%	-2%
10	95	0%	-3%
11	97	0%	0%
12	95	2%	0%
13	97	2%	-1%
14	95	3%	-2%
15	96	1%	-1%
16	93	2%	-5%



Beam details



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
364lx	91lx	40lx	23lx	15lx	10lx	7lx	6lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx
33.8fcd	8.4fcd	3.8fcd	2.1fcd	1.4fcd	0.9fcd	0.7fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd

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°
364	366	366	362	351	330	298	256	205	147	96	56	30	16	9	8	7	3	0	0
100%	101%	101%	100%	97%	91%	82%	71%	56%	41%	26%	15%	8%	4%	3%	2%	2%	1%	0%	0%

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°
364	420	458	468	448	401	342	279	220	169	121	73	35	17	10	5	2	1	0	0
100%	116%	126%	129%	123%	110%	94%	77%	60%	46%	33%	20%	10%	5%	3%	1%	1%	0%	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°
364	361	357	352	346	335	316	290	256	214	164	112	67	34	18	11	5	3	2	0
100%	99%	98%	97%	95%	92%	87%	80%	70%	59%	45%	31%	18%	9%	5%	3%	2%	1%	1%	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°
364	302	249	208	177	151	130	112	96	77	56	40	27	17	11	6	3	1	1	0
100%	83%	69%	57%	49%	42%	36%	31%	26%	21%	15%	11%	7%	5%	3%	2%	1%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
70.2°	116.9°	142.5°	94.8%	76.4%