

Light efficiency:

61 Lumen/Watt

Light quality:

CRI: 97.0

Color temperature:

2945 K

Output: 884 lm

Peak: 658 cd

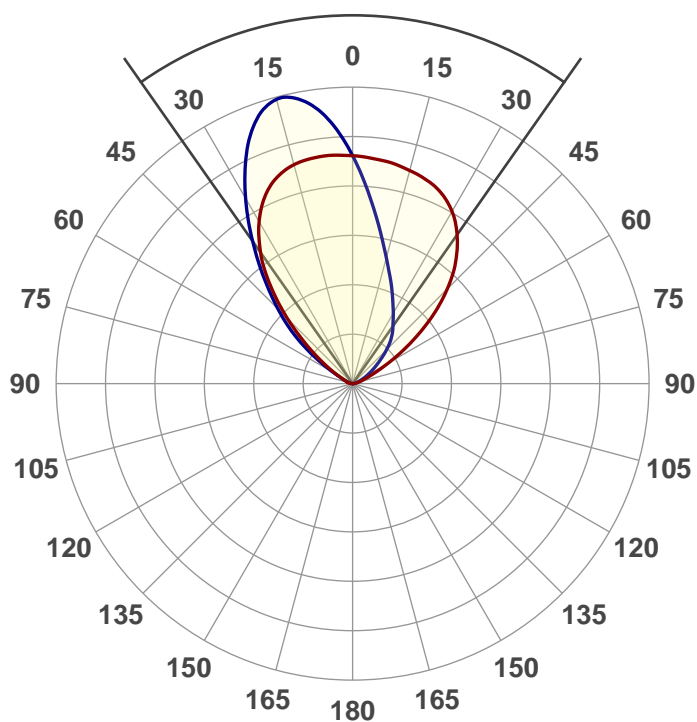
Power: 14.6 W

PF: 0.99



Beam angle

70.1°



Product name:

NU3-RW-XTM19-10LM-30K-98-WW-120-Dim10-NC-WH-WH

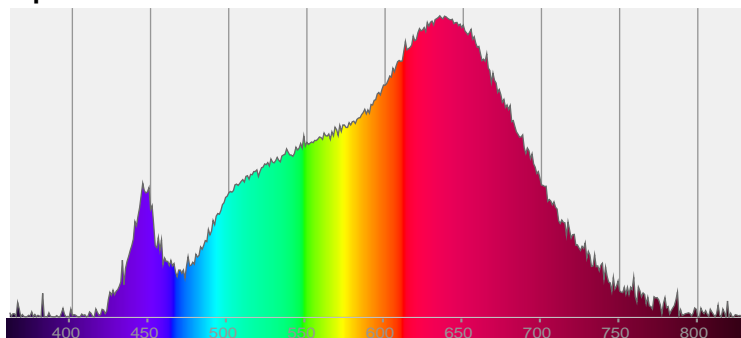
Date and time:

12/12/2017 2:01:29 PM

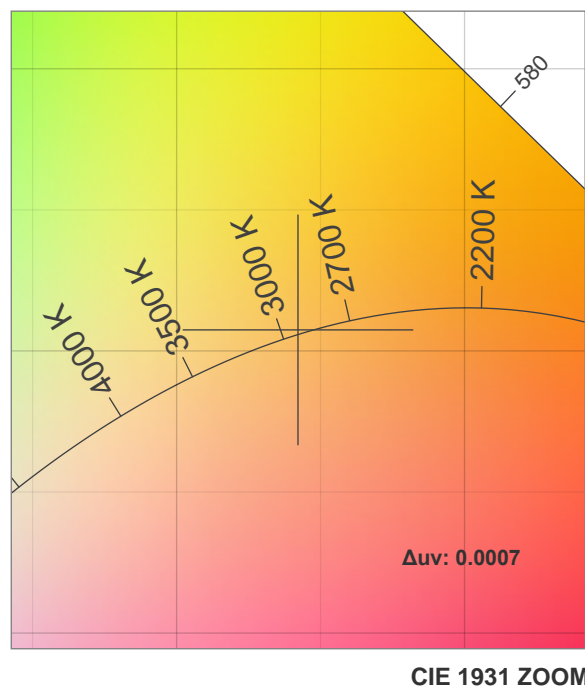
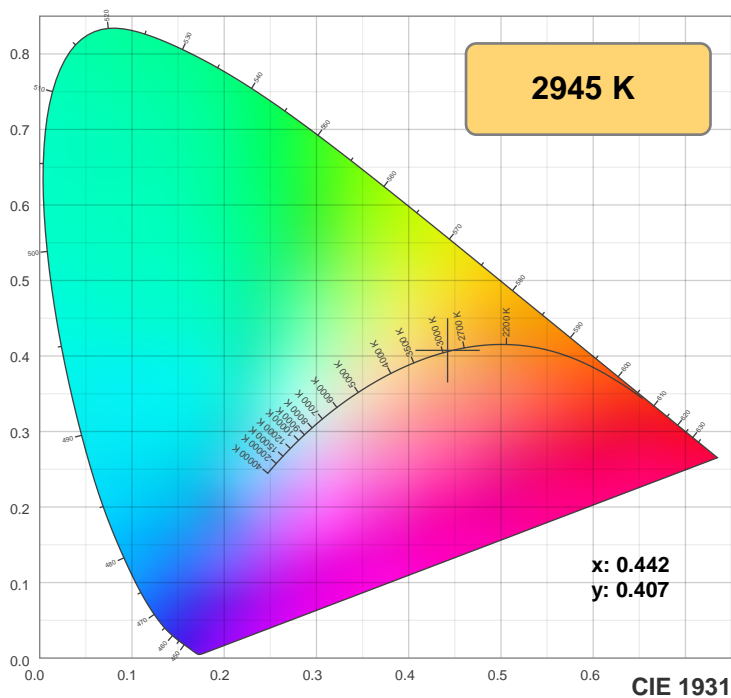


CIE 1931
x: 0.442
y: 0.407

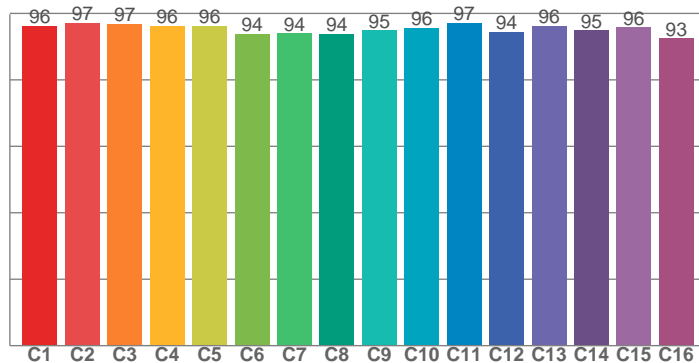
Spectra



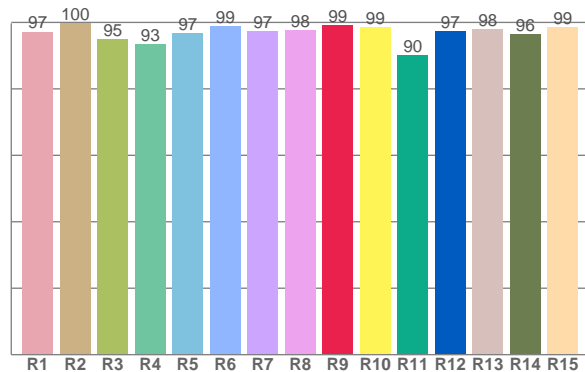
Color details



TM30: 95.6



CRI: 97.0 (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
97.2	99.6	95.0	93.4	96.8	98.8	97.3	97.7	99.1	98.6	90.1	97.4	97.9	96.4	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
96.2	97.2	96.9	96.2	96.3	93.8	94.0	93.8	94.8	95.7	97.2	94.4	96.3	94.9	95.8	92.5

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
2945 K	97.0	99.1	95.6	103.1	0.442	0.407	0.252	0.349	0.0007

TM30 details

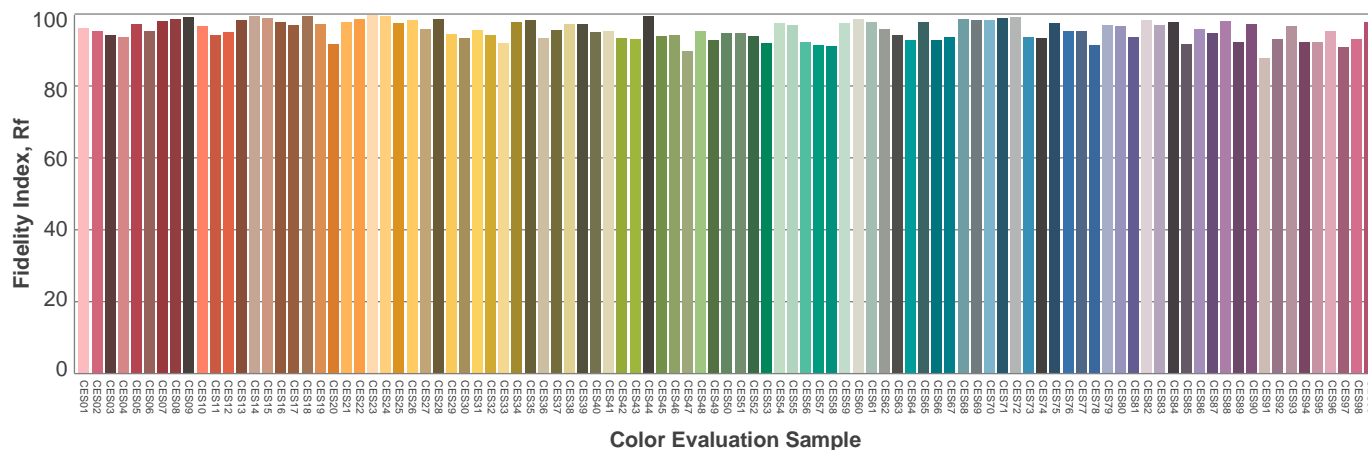
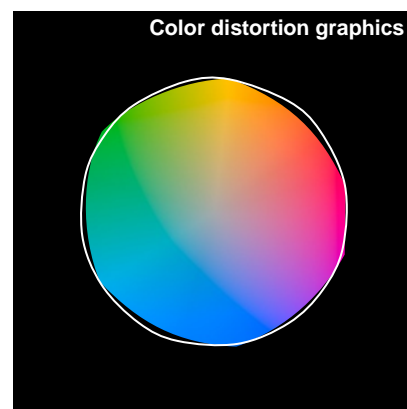
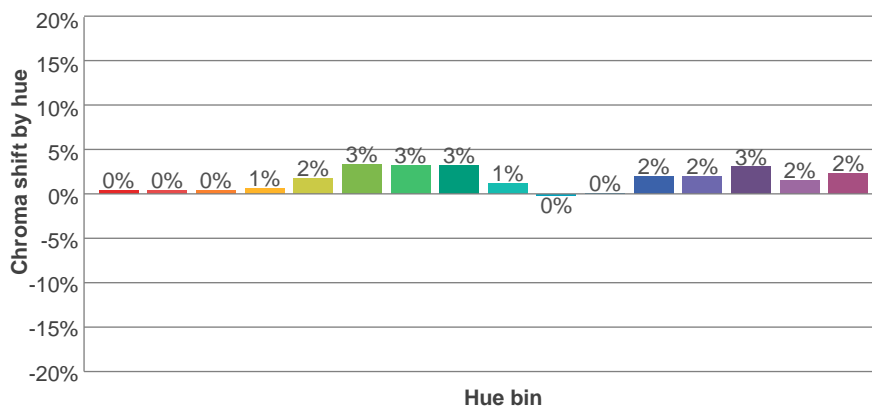
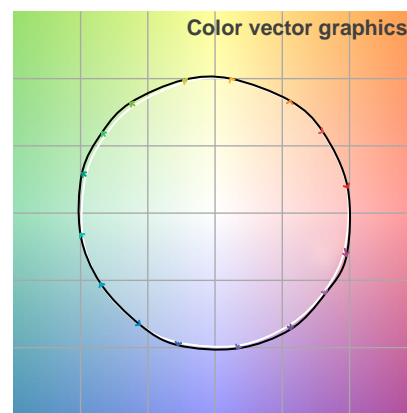
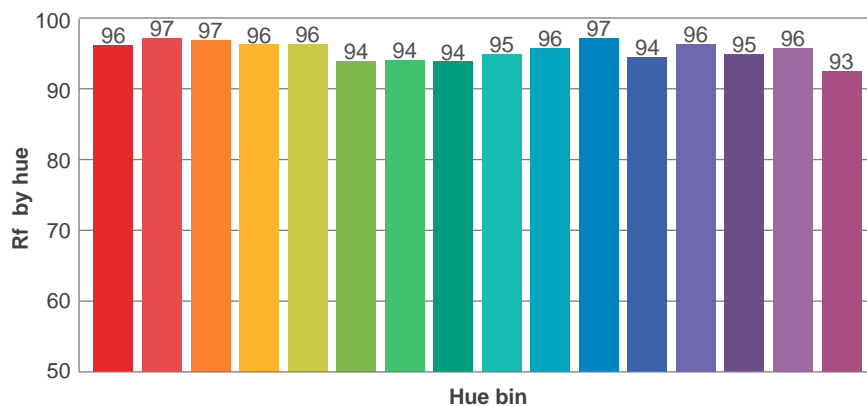
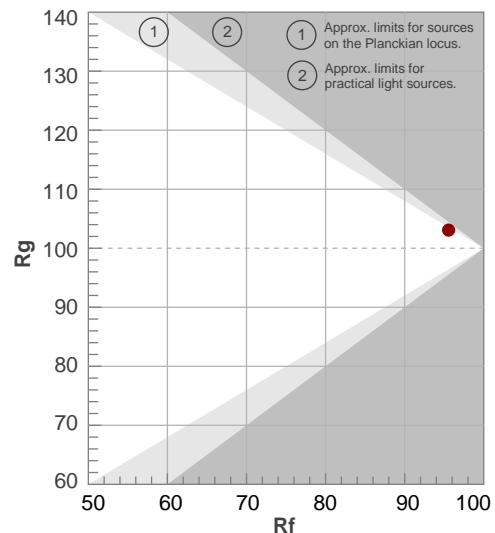
Rf 95.6

Fidelity index Rf

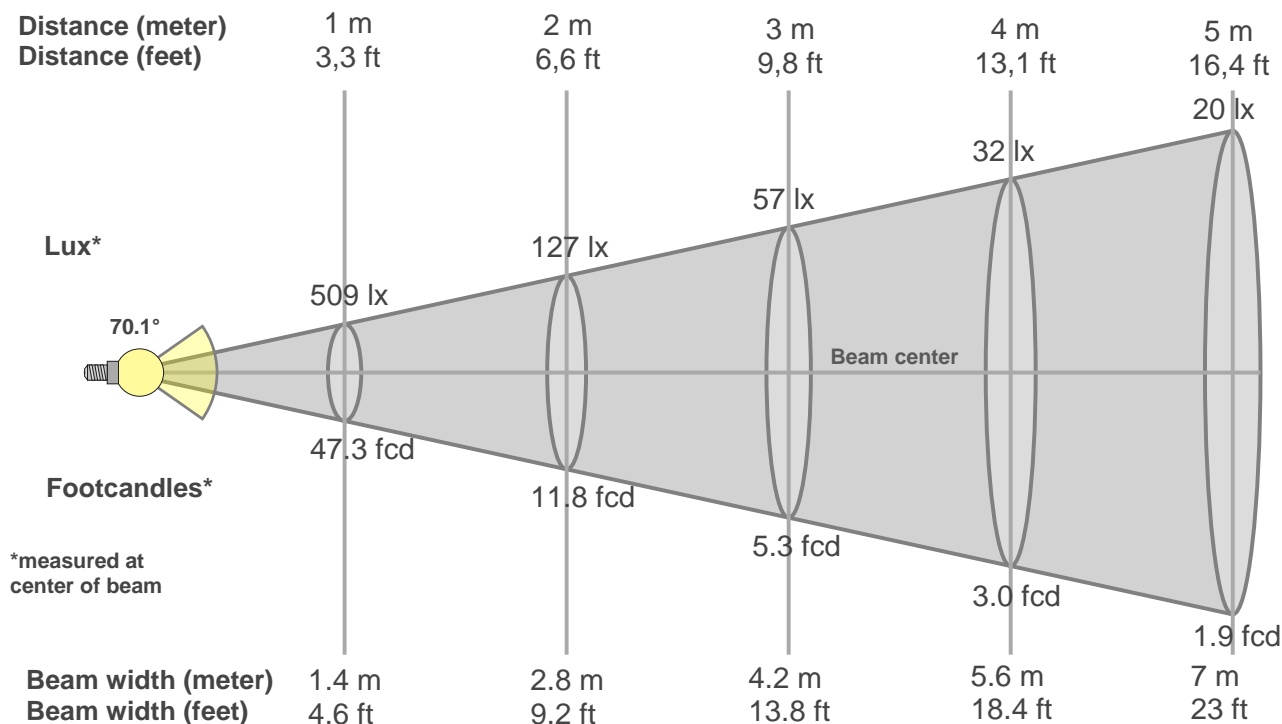
Rg 103.1

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	97	0%	-1%
3	97	0%	0%
4	96	1%	0%
5	96	2%	2%
6	94	3%	2%
7	94	3%	-1%
8	94	3%	-2%
9	95	1%	-2%
10	96	0%	-2%
11	97	0%	0%
12	94	2%	0%
13	96	2%	-1%
14	95	3%	-2%
15	96	2%	-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
509lx	127lx	57lx	32lx	20lx	14lx	10lx	8lx	6lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx
47.3fcd	11.8fcd	5.3fcd	3fcd	1.9fcd	1.3fcd	1fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	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°
509	512	511	506	491	462	417	358	285	206	134	79	43	23	14	12	10	5	0	0
100%	101%	100%	99%	96%	91%	82%	70%	56%	41%	26%	16%	8%	5%	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°
509	588	641	655	626	561	478	390	308	236	170	102	49	25	16	8	3	1	0	0
100%	116%	126%	129%	123%	110%	94%	77%	60%	46%	33%	20%	10%	5%	3%	2%	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°
509	505	500	492	483	469	444	406	358	299	230	157	93	50	27	16	8	4	3	0
100%	99%	98%	97%	95%	92%	87%	80%	70%	59%	45%	31%	18%	10%	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°
509	423	350	291	247	211	182	157	135	107	79	56	38	25	16	9	4	2	1	0
100%	83%	69%	57%	49%	42%	36%	31%	27%	21%	15%	11%	8%	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
70.1°	117.1°	143.7°	94.6%	76.2%