

Light efficiency:

66 Lumen/Watt

Light quality:

CRI: 79.3

Color temperature:

2900 K

Output: 3616 lm

Peak: 2813 cd

Power: 54.8 W

PF: 1.0



Beam angle

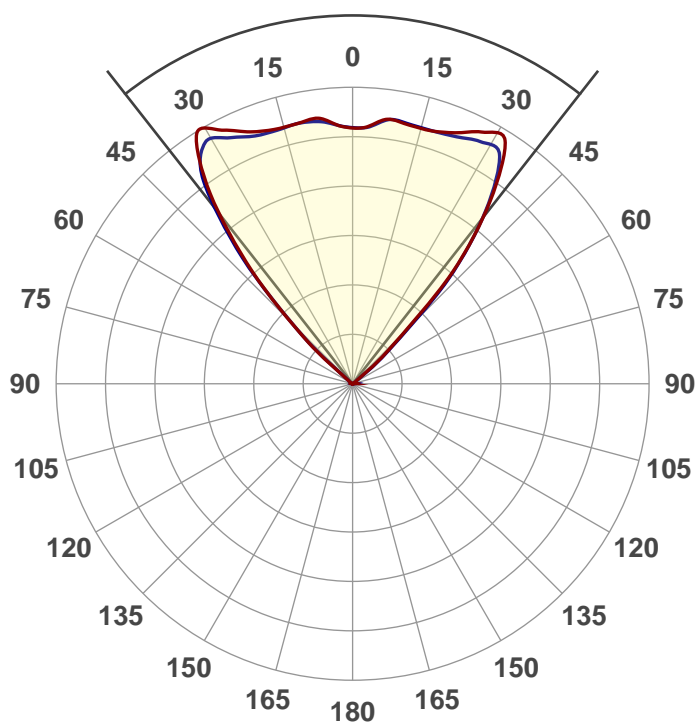
76.2°

Product name:

608QA-6-XTM19-50LM-30K-83-
UNV-DIM10-WH-S

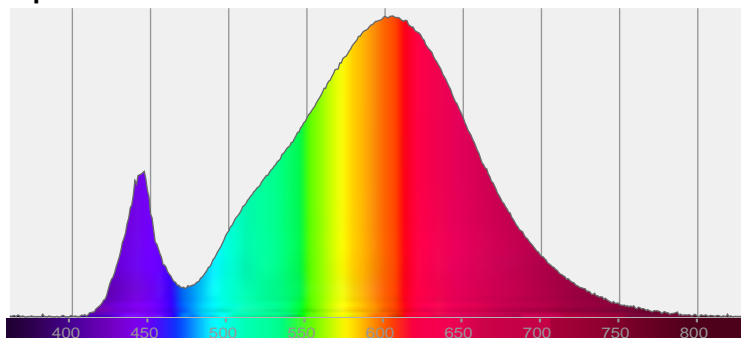
Date and time:

1/16/2018 8:14:59 AM

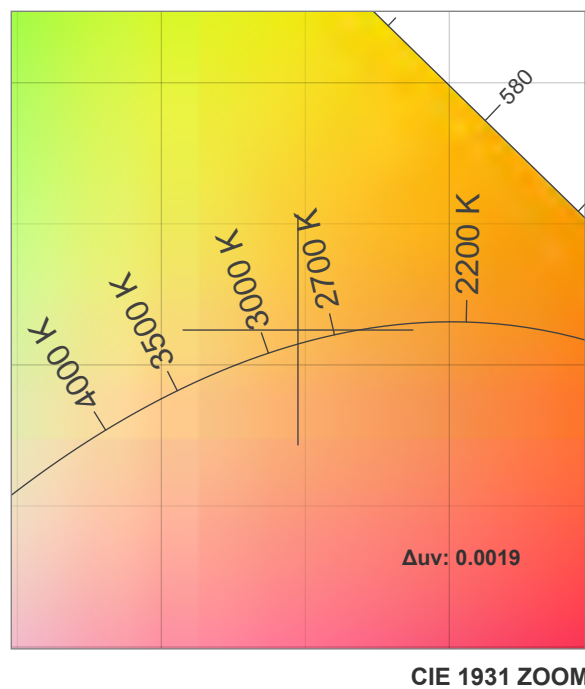
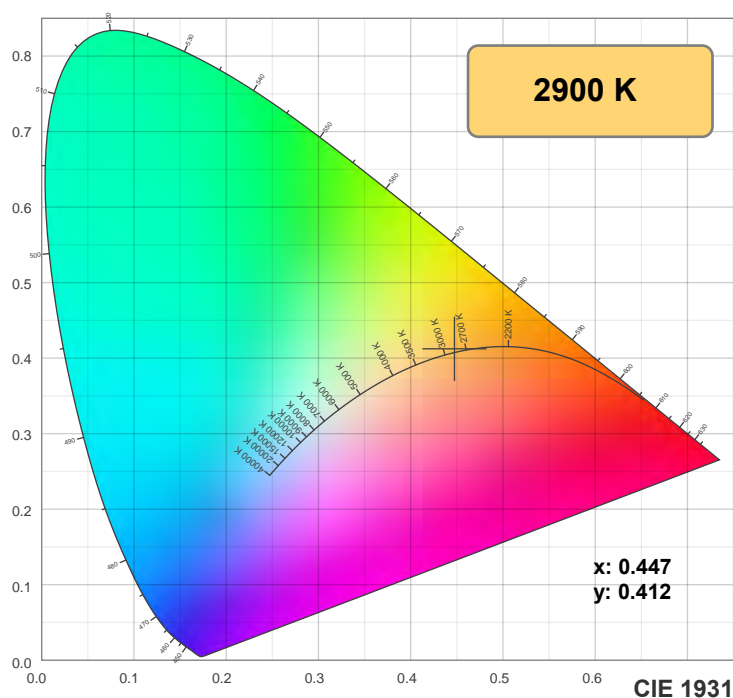


CIE 1931
x: 0.447
y: 0.412

Spectra

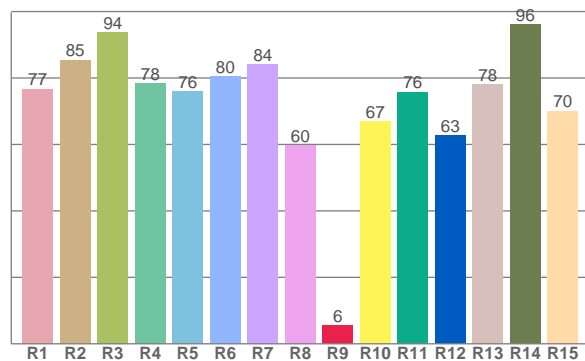
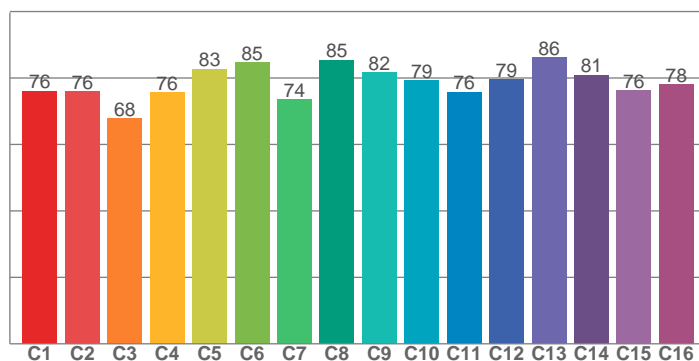


Color details



TM30: 78.4

CRI: 79.3 (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
76.7	85.5	93.7	78.4	75.9	80.5	84.2	59.7	5.6	66.8	75.8	62.8	78.0	96.1	70.1

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
76.1	75.9	67.7	75.7	82.7	84.6	73.5	85.5	81.7	79.3	75.8	79.5	86.2	80.9	76.2	78.1

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
2900 K	79.3	5.6	78.4	97.9	0.447	0.412	0.254	0.351	0.0019

TM30 details

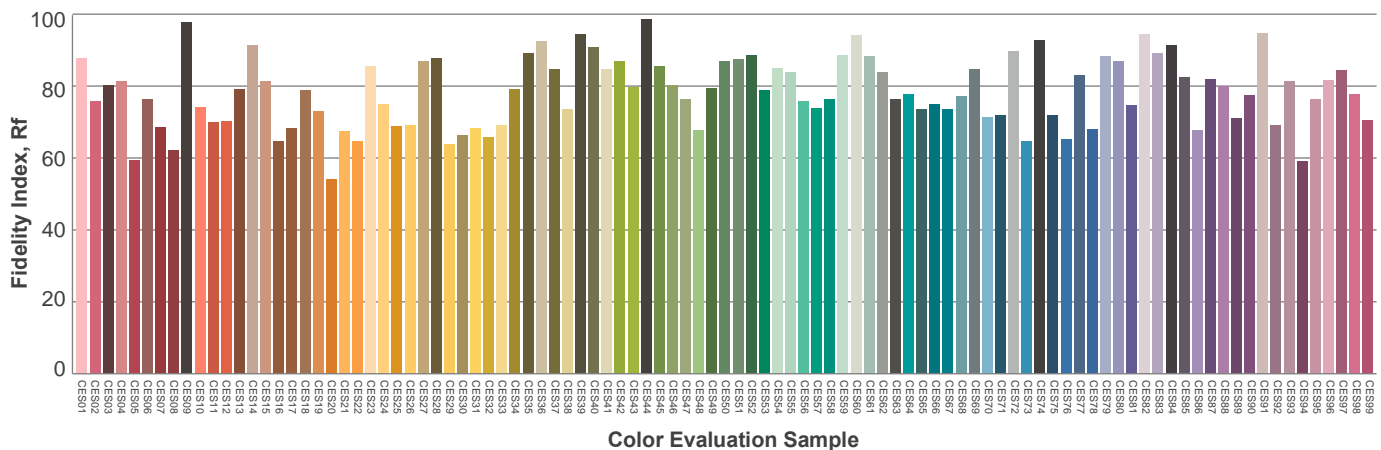
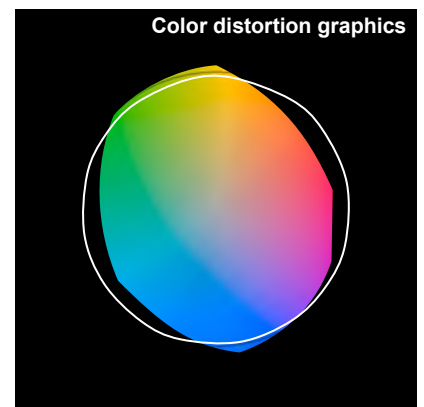
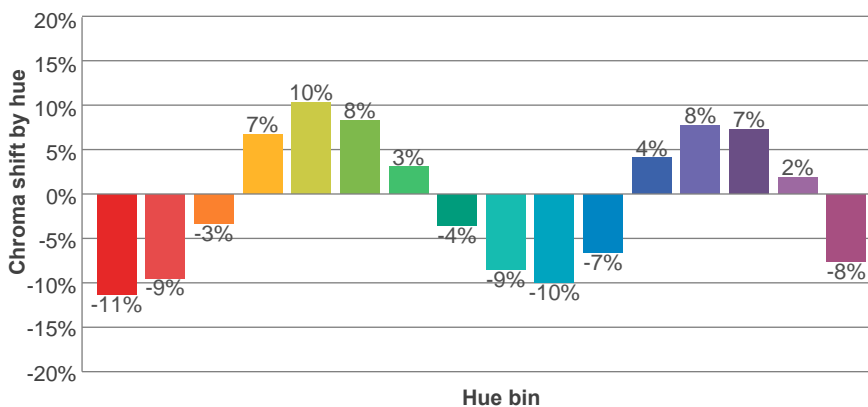
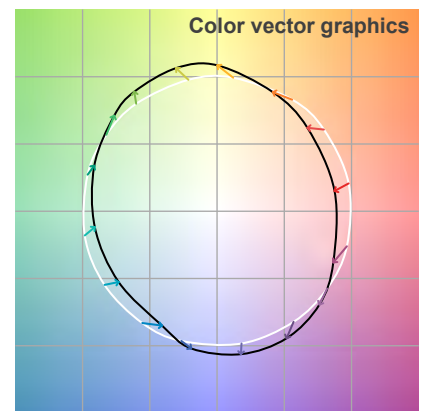
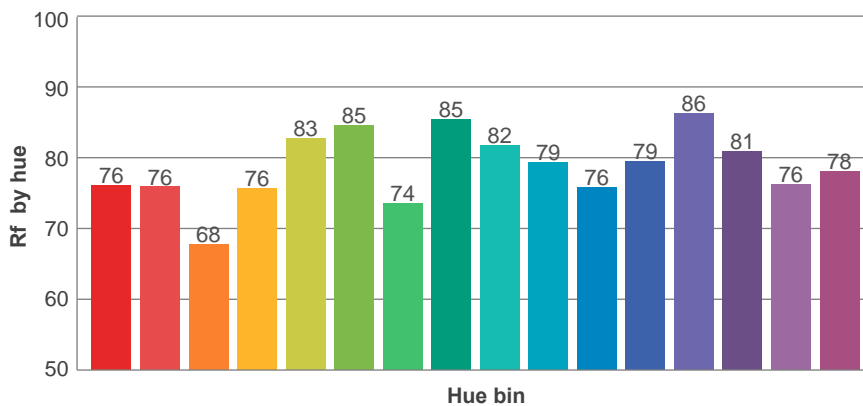
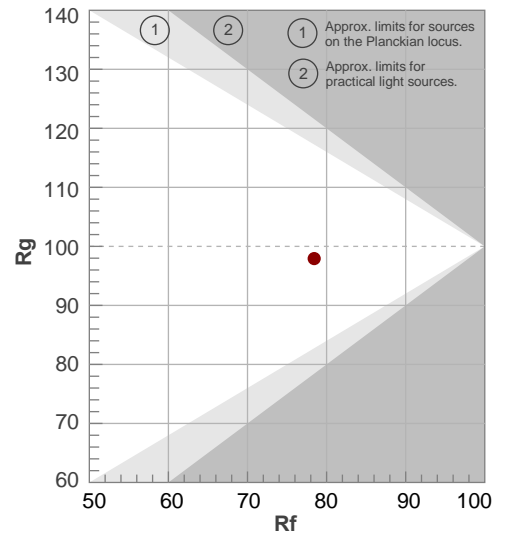
Rf 78.4

Fidelity index Rf

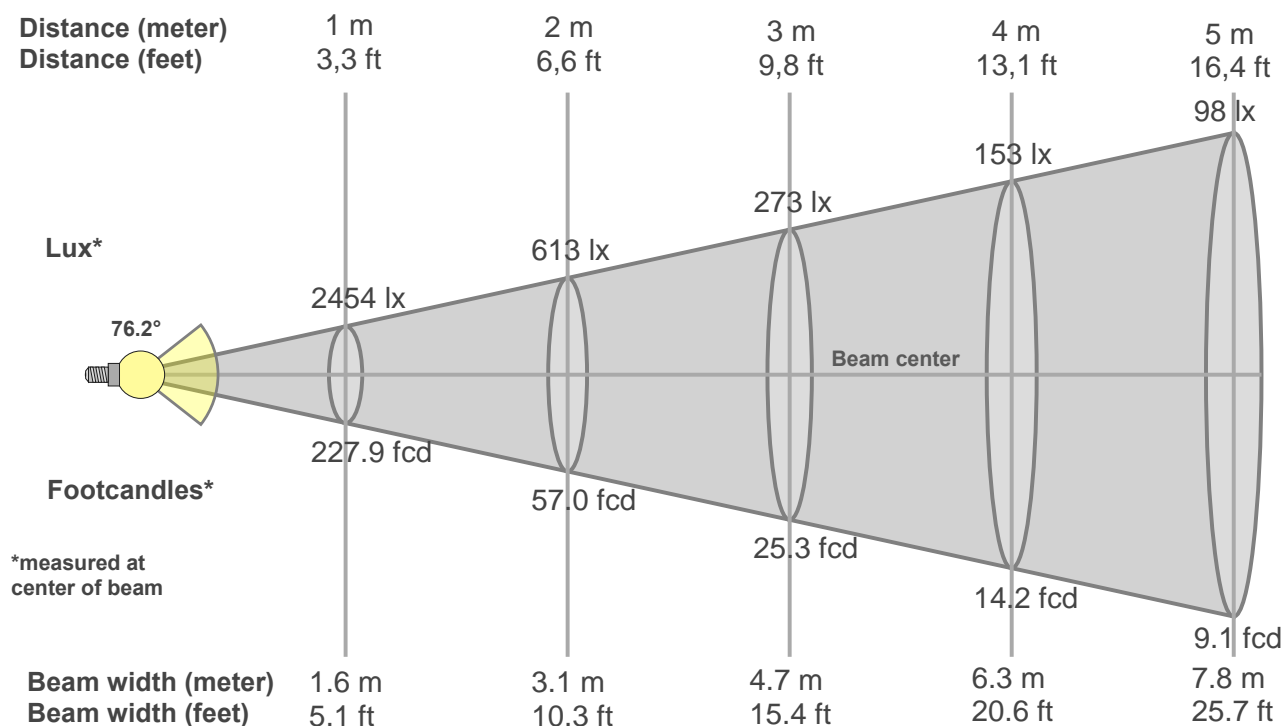
Rg 97.9

Gamut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	-11%	-3%
2	76	-9%	8%
3	68	-3%	15%
4	76	7%	13%
5	83	10%	7%
6	85	8%	-4%
7	74	3%	-15%
8	85	-4%	-7%
9	82	-9%	-5%
10	79	-10%	4%
11	76	-7%	13%
12	79	4%	8%
13	86	8%	-2%
14	81	7%	-11%
15	76	2%	-13%
16	78	-8%	-14%



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
2454lx	613lx	273lx	153lx	98lx	68lx	50lx	38lx	30lx	25lx	20lx	17lx	15lx	13lx	11lx	10lx	8lx	8lx	7lx	6lx
227.9fcd	57fcd	25.3fcd	14.2fcd	9.1fcd	6.3fcd	4.7fcd	3.6fcd	2.8fcd	2.3fcd	1.9fcd	1.6fcd	1.3fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd

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°
2454	2458	2490	2530	2554	2546	2539	2539	2540	2550	2572	2594	2643	2692	2736	2775	2807	2584	2360	2073
100%	100%	102%	103%	104%	104%	103%	103%	104%	104%	105%	106%	108%	110%	112%	113%	114%	105%	96%	85%

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°
2454	2458	2484	2509	2524	2532	2538	2533	2527	2530	2537	2551	2584	2616	2648	2680	2662	2543	2424	2122
100%	100%	101%	102%	103%	103%	103%	103%	103%	103%	103%	104%	105%	107%	108%	109%	108%	104%	99%	86%

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°
2454	2449	2477	2518	2545	2537	2529	2528	2529	2538	2562	2586	2629	2675	2708	2724	2740	2522	2295	2025
100%	100%	101%	103%	104%	103%	103%	103%	103%	103%	104%	105%	107%	109%	110%	111%	112%	103%	94%	83%

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°
2454	2452	2468	2507	2547	2543	2537	2534	2533	2532	2543	2554	2571	2594	2613	2607	2601	2459	2249	2020
100%	100%	101%	102%	104%	104%	103%	103%	103%	103%	104%	104%	105%	106%	106%	106%	106%	100%	92%	82%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
76.2°	88.9°	100.4°	99.3%	96.2%