

Light efficiency:

62 Lumen/Watt

Light quality:

CRI: 79.1

Color temperature:

2915 K

Output: 3369 lm

Peak: 2575 cd

Power: 54.3 W

PF: 1.0



Beam angle

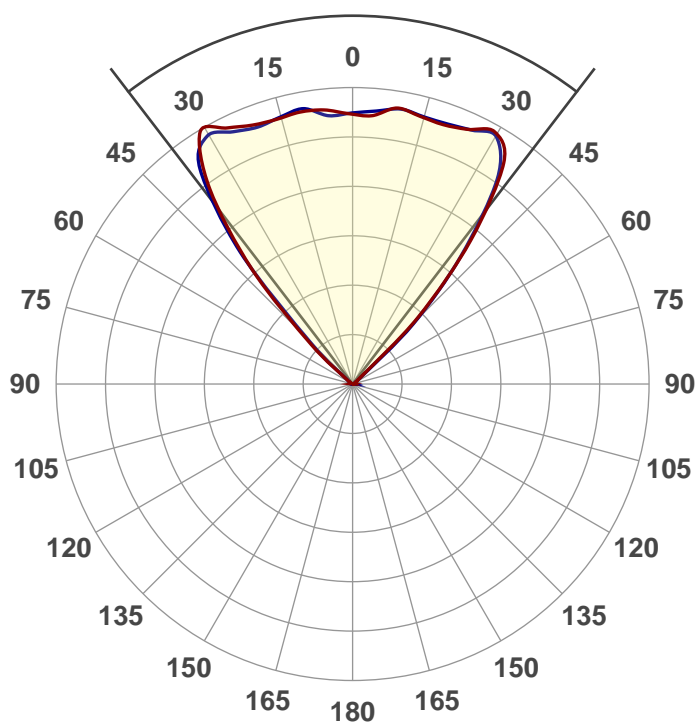
75°

Product name:

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

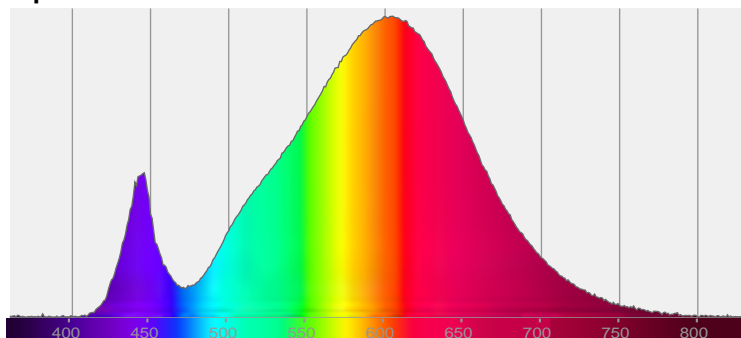
Date and time:

1/16/2018 8:21:31 AM

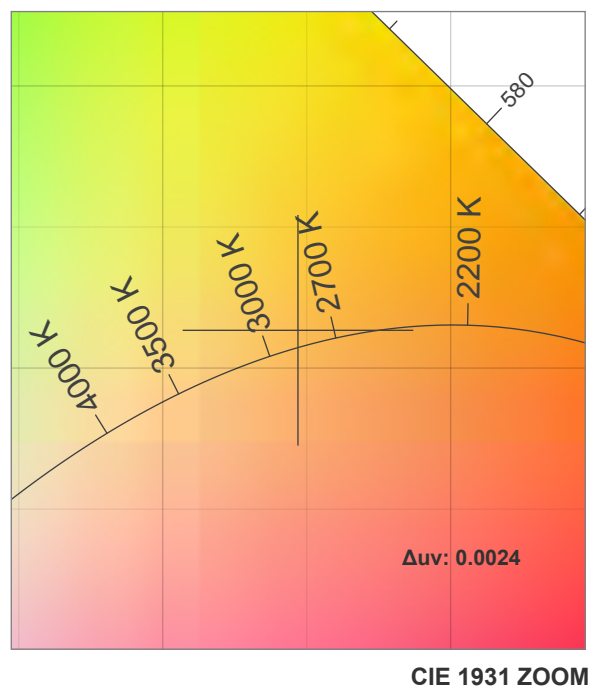
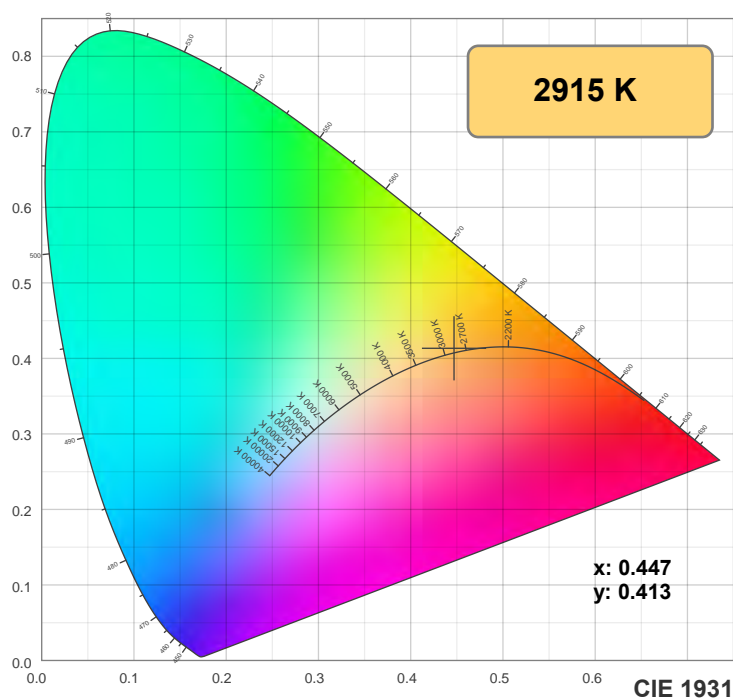


CIE 1931
x: 0.447
y: 0.413

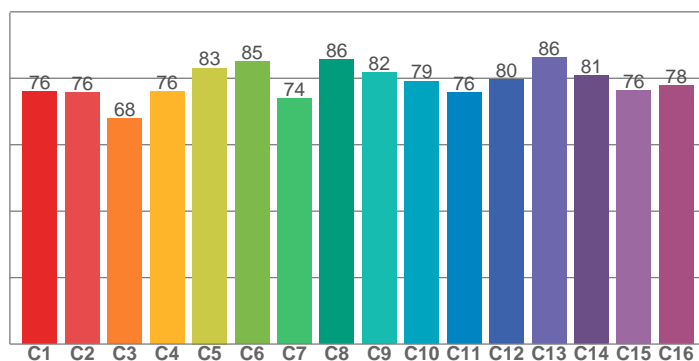
Spectra



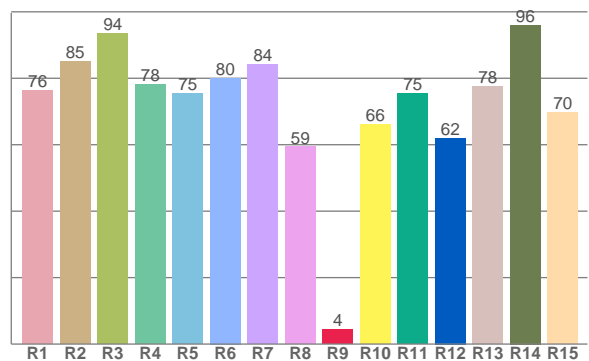
Color details



TM30: 78.5



CRI: 79.1 (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
76.4	85.2	93.6	78.2	75.5	80.1	84.2	59.3	4.3	66.2	75.5	62.0	77.6	96.0	69.6

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
75.9	75.8	67.9	76.1	83.1	85.0	73.9	85.7	81.7	79.1	75.6	79.5	86.3	80.8	76.2	77.8

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
2915 K	79.1	4.3	78.5	97.6	0.447	0.413	0.253	0.351	0.0024

TM30 details

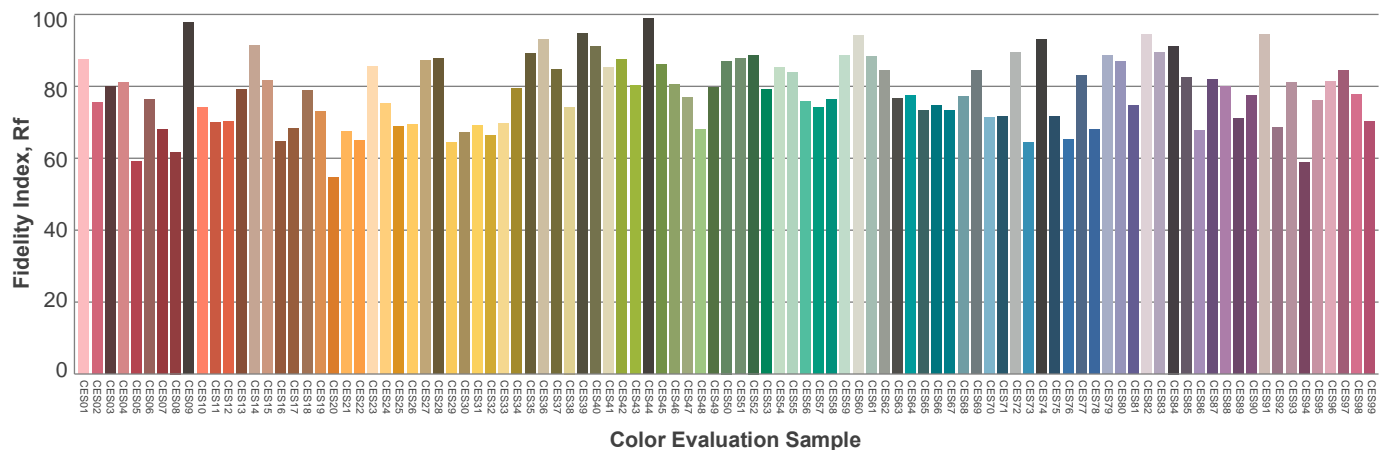
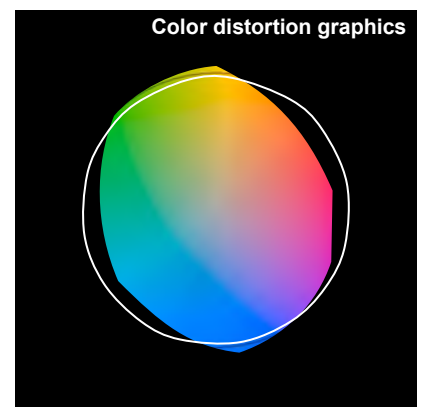
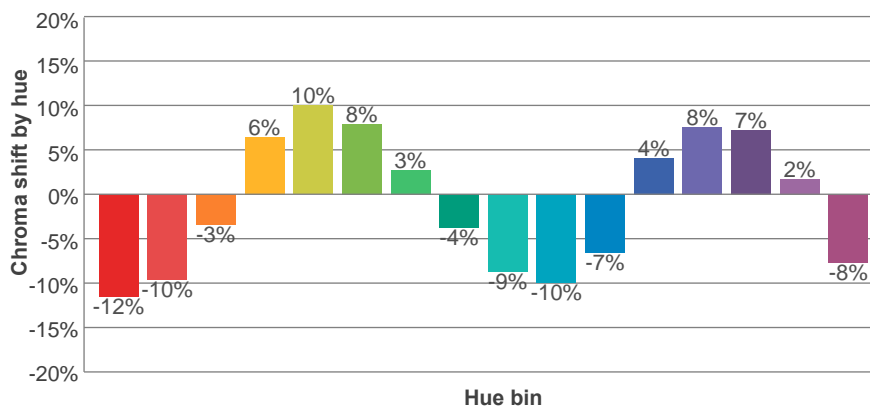
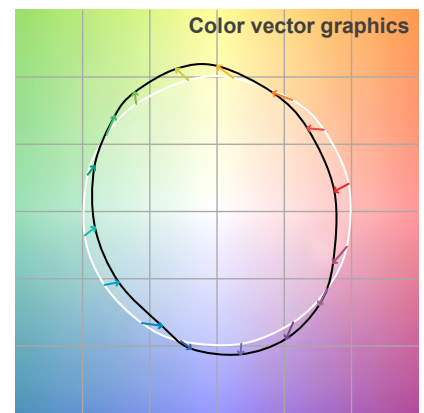
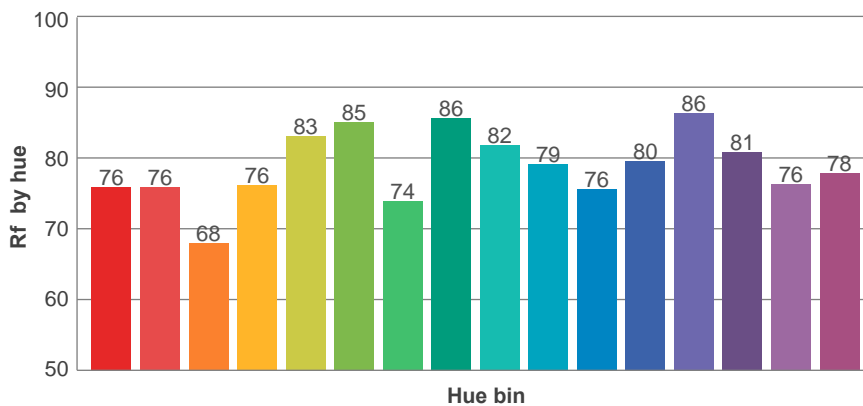
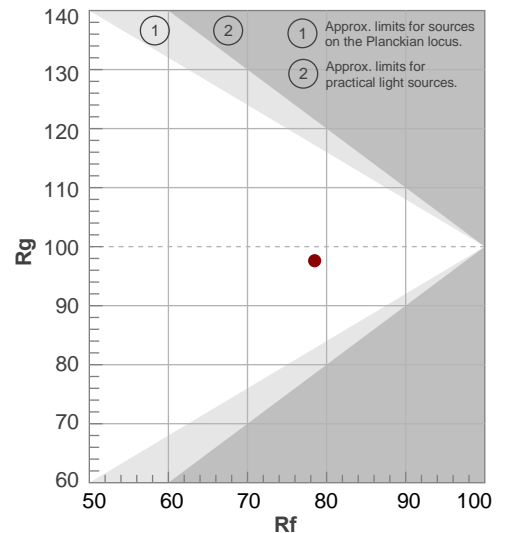
Rf 78.5

Fidelity index Rf

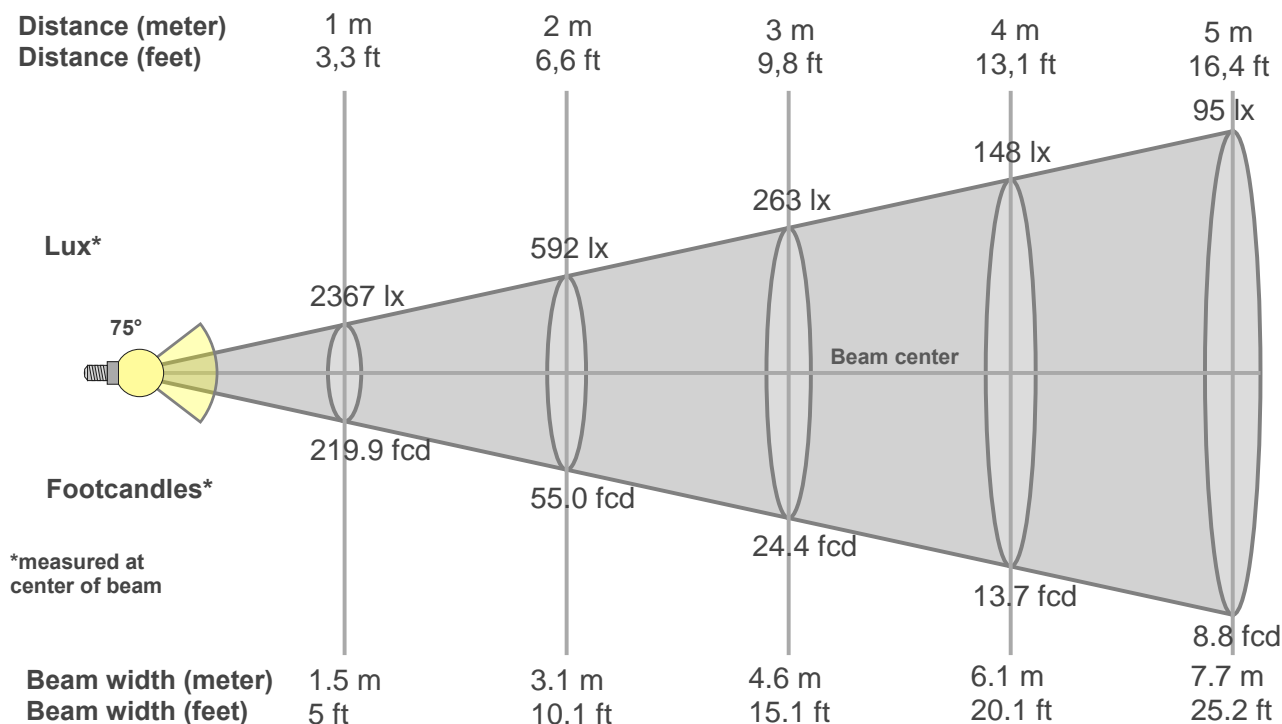
Rg 97.6

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	-12%	-3%
2	76	-10%	8%
3	68	-3%	15%
4	76	6%	13%
5	83	10%	7%
6	85	8%	-4%
7	74	3%	-15%
8	86	-4%	-7%
9	82	-9%	-4%
10	79	-10%	4%
11	76	-7%	13%
12	80	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
2367lx	592lx	263lx	148lx	95lx	66lx	48lx	37lx	29lx	24lx	20lx	16lx	14lx	12lx	11lx	9lx	8lx	7lx	7lx	6lx
219.9fcd	55fcd	24.4fcd	13.7fcd	8.8fcd	6.1fcd	4.5fcd	3.4fcd	2.7fcd	2.2fcd	1.8fcd	1.5fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd

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°
2367	2373	2391	2409	2413	2418	2418	2412	2407	2414	2422	2438	2464	2491	2523	2556	2499	2316	2132	1836
100%	100%	101%	102%	102%	102%	102%	102%	102%	102%	102%	103%	104%	105%	107%	108%	106%	98%	90%	78%

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°
2367	2364	2358	2370	2406	2442	2435	2424	2413	2404	2395	2409	2427	2449	2478	2508	2443	2360	2205	1893
100%	100%	100%	100%	102%	103%	103%	102%	102%	102%	101%	102%	103%	103%	105%	106%	103%	100%	93%	80%

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°
2367	2356	2351	2385	2422	2438	2426	2414	2408	2404	2407	2423	2440	2472	2507	2505	2429	2354	2109	1826
100%	100%	99%	101%	102%	103%	102%	102%	102%	102%	102%	102%	103%	104%	106%	106%	103%	99%	89%	77%

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°
2367	2380	2390	2404	2422	2439	2430	2421	2417	2418	2419	2431	2444	2459	2479	2498	2388	2267	2079	1791
100%	101%	101%	102%	102%	103%	103%	102%	102%	102%	102%	103%	103%	104%	105%	106%	101%	96%	88%	76%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
75°	87.6°	104.6°	98.9%	95.5%