

Light efficiency:

74 Lumen/Watt

Light quality:

CRI: 79.8

Color temperature:

2915 K

Output: 3249 lm

Peak: 2473 cd

Power: 43.7 W

PF: 0.99



Beam angle

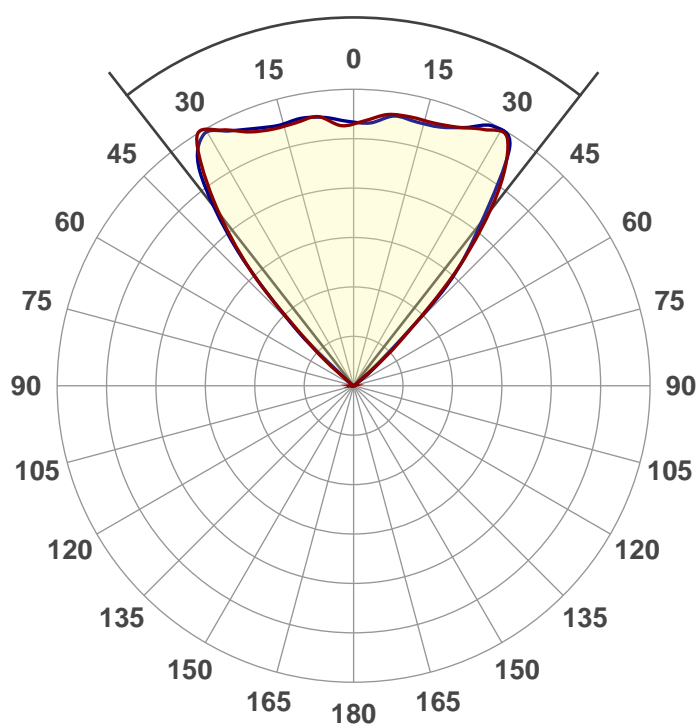
75.9°

Product name:

608QA-6-XTM19-40LM-30K-83-
UNV-DIM10-WH-S

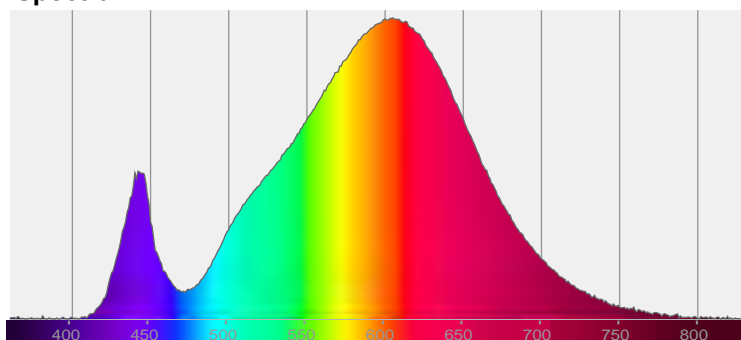
Date and time:

1/11/2018 11:40:42 AM

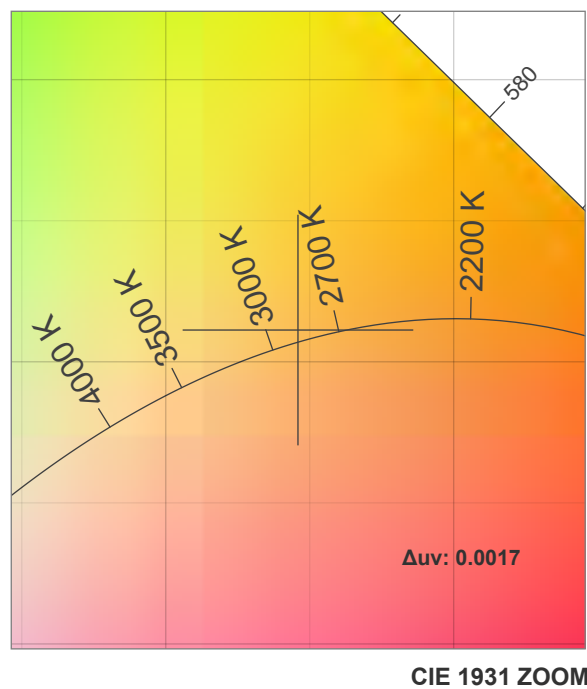
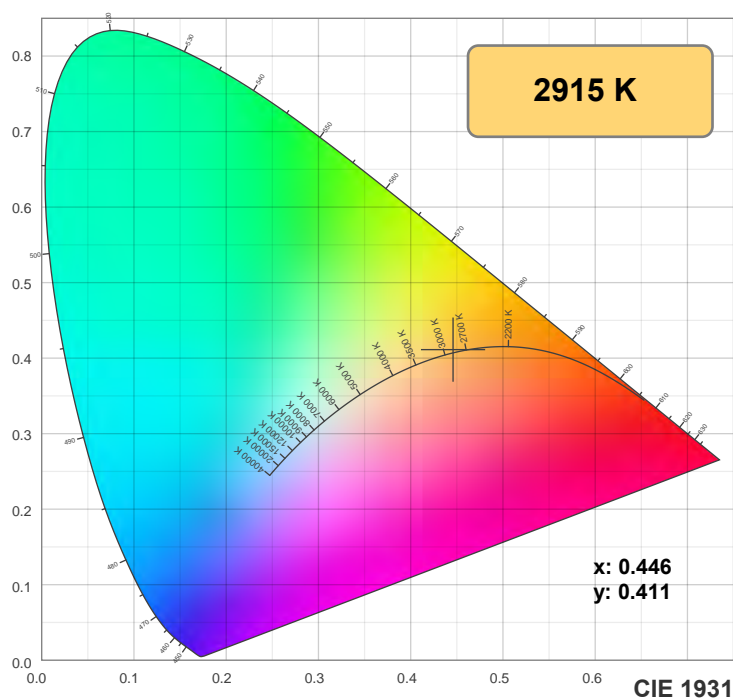


CIE 1931
x: 0.446
y: 0.411

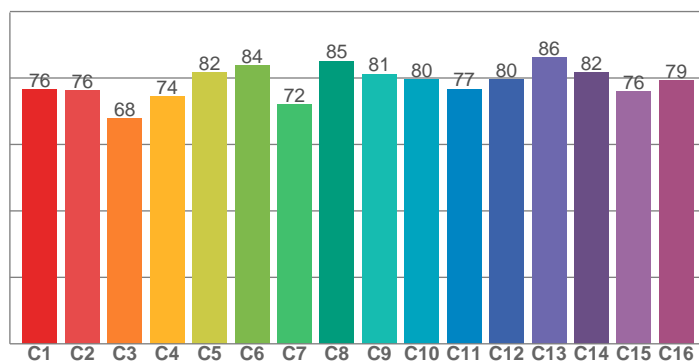
Spectra



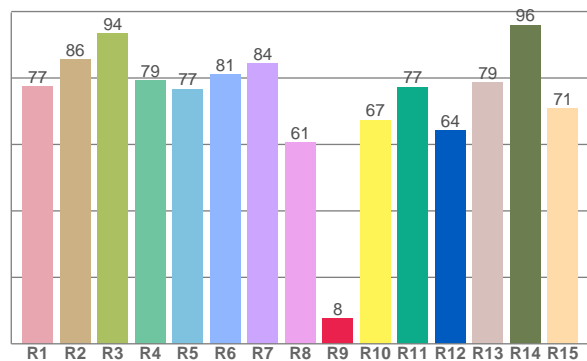
Color details



TM30: 78.3



CRI: 79.8 (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
77.5	85.7	93.5	79.3	76.7	81.0	84.3	60.7	7.7	67.4	77.3	64.2	78.6	96.0	70.8

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
76.5	76.3	67.9	74.4	81.6	83.7	72.1	85.1	81.2	79.5	76.7	79.5	86.2	81.7	76.0	79.2

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	79.8	7.7	78.3	98.5	0.446	0.411	0.253	0.350	0.0017

TM30 details

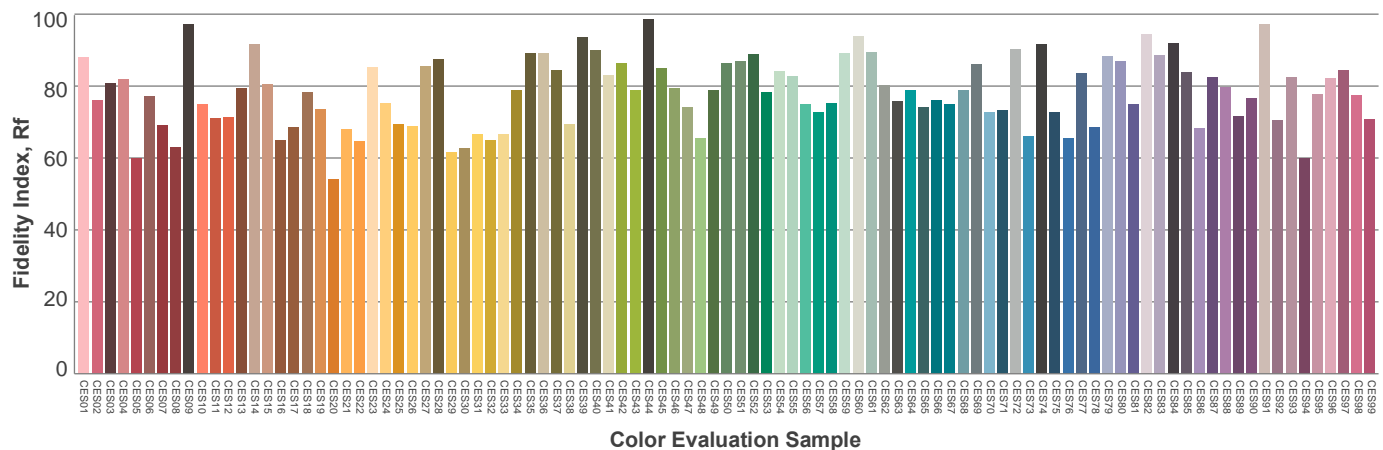
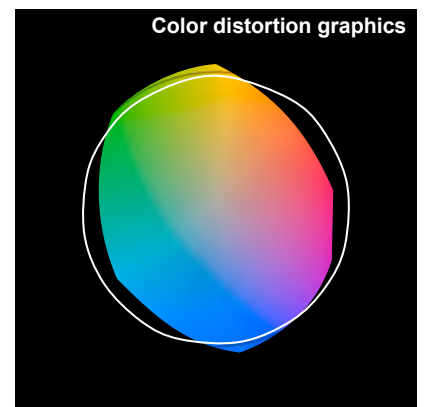
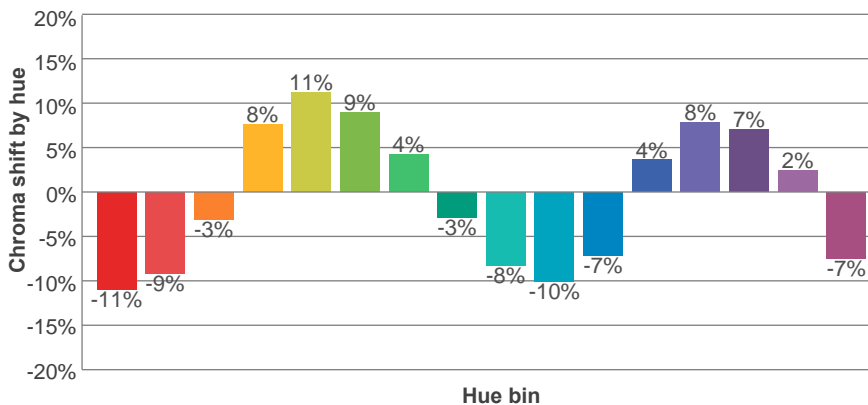
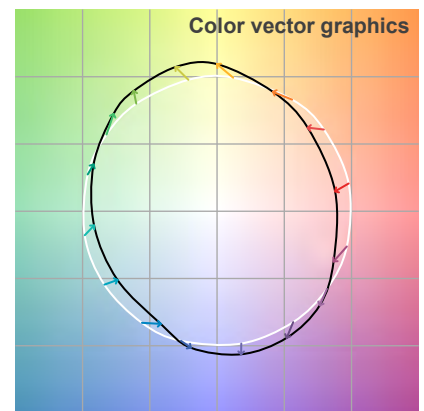
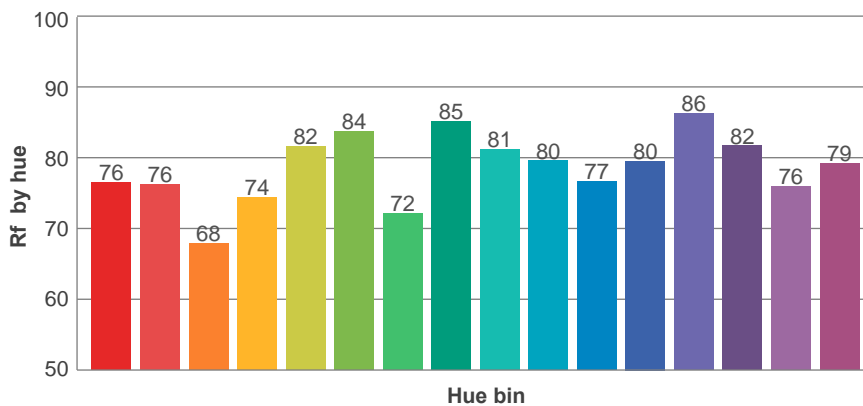
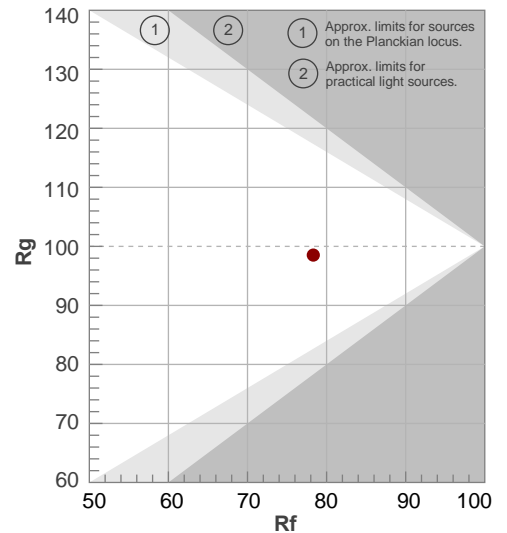
Rf 78.3

Fidelity index Rf

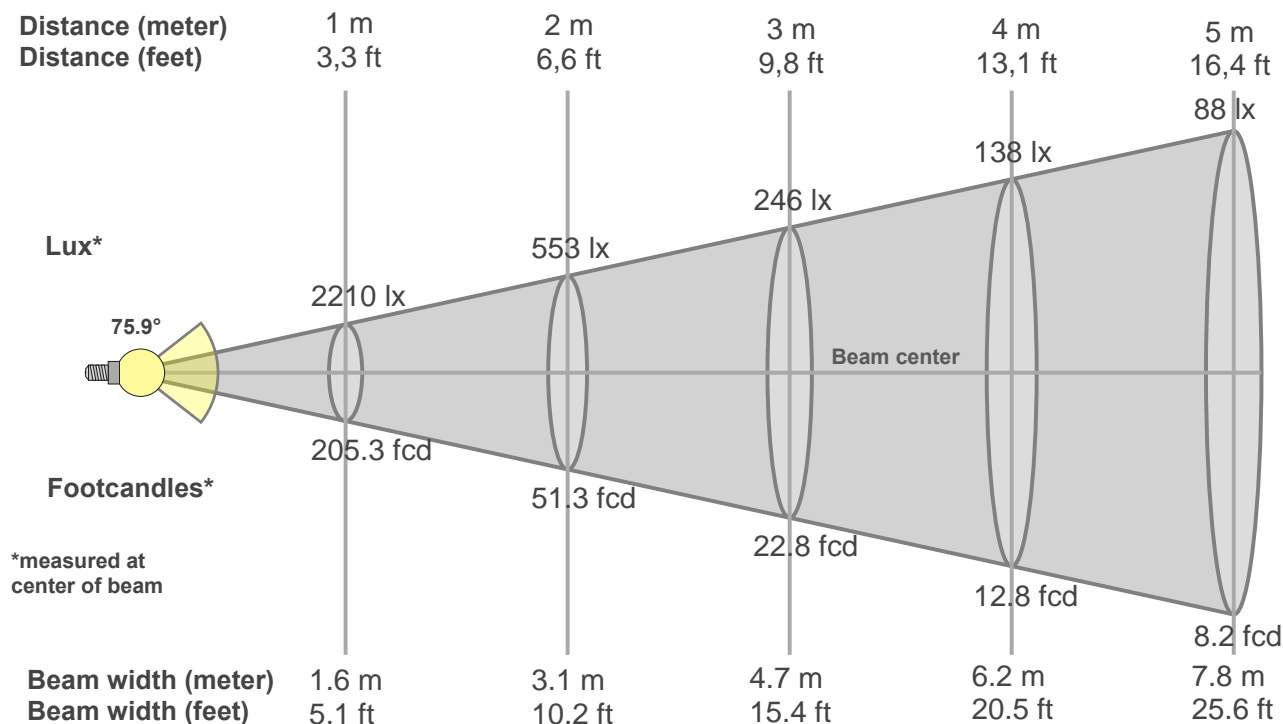
Rg 98.5

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	-11%	-4%
2	76	-9%	8%
3	68	-3%	15%
4	74	8%	14%
5	82	11%	8%
6	84	9%	-4%
7	72	4%	-16%
8	85	-3%	-8%
9	81	-8%	-6%
10	80	-10%	3%
11	77	-7%	12%
12	80	4%	8%
13	86	8%	-2%
14	82	7%	-10%
15	76	2%	-13%
16	79	-7%	-13%



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
2210lx	553lx	246lx	138lx	88lx	61lx	45lx	35lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	6lx
205.3fcd	51.3fcd	22.8fcd	12.8fcd	8.2fcd	5.7fcd	4.2fcd	3.2fcd	2.5fcd	2.1fcd	1.7fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	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°
2210	2177	2197	2235	2263	2255	2247	2245	2244	2249	2267	2286	2326	2371	2408	2431	2454	2261	2050	1808
100%	98%	99%	101%	102%	102%	102%	102%	102%	102%	103%	103%	105%	107%	109%	110%	111%	102%	93%	82%

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°
2210	2213	2231	2249	2259	2268	2271	2266	2260	2275	2291	2312	2338	2364	2397	2429	2381	2281	2153	1867
100%	100%	101%	102%	102%	103%	103%	103%	102%	103%	104%	105%	106%	107%	108%	110%	108%	103%	97%	84%

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°
2210	2208	2235	2263	2282	2287	2291	2291	2291	2298	2312	2326	2355	2384	2405	2420	2414	2244	2074	1830
100%	100%	101%	102%	103%	103%	104%	104%	104%	104%	105%	105%	107%	108%	109%	109%	109%	102%	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°
2210	2200	2202	2234	2266	2271	2266	2263	2268	2273	2297	2326	2361	2406	2452	2430	2400	2268	2000	1733
100%	100%	100%	101%	103%	103%	103%	102%	103%	103%	104%	105%	107%	109%	111%	110%	109%	103%	91%	78%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
75.9°	88.7°	100.6°	99.2%	96.2%