

Light efficiency:

69 Lumen/Watt

Light quality:

CRI: 82.6

Color temperature:

2933 K

Output: 1375 lm

Peak: 1055 cd

Power: 19.8 W

PF: 0.99



Beam angle

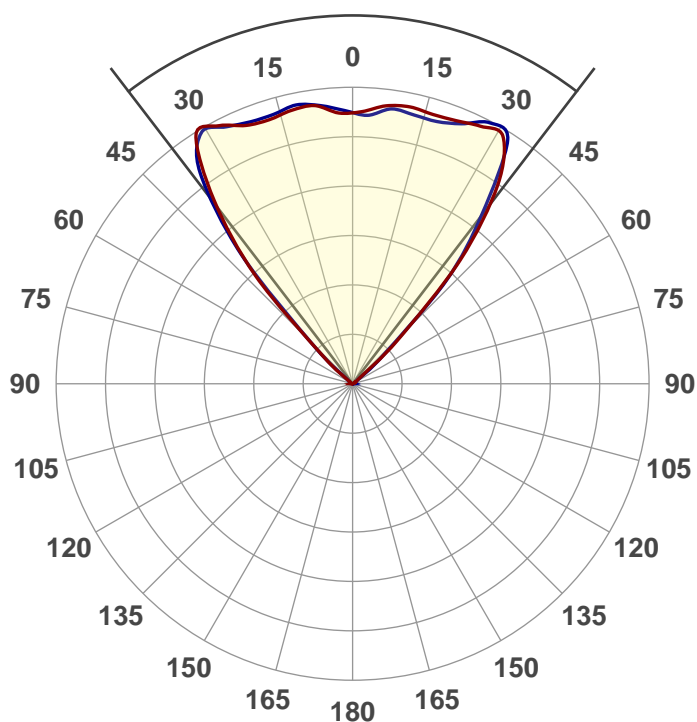
74.9°

Product name:

608QA-6-XTM19-20LM-30K-83-
UNV-DIM10-WH-S-TCGS

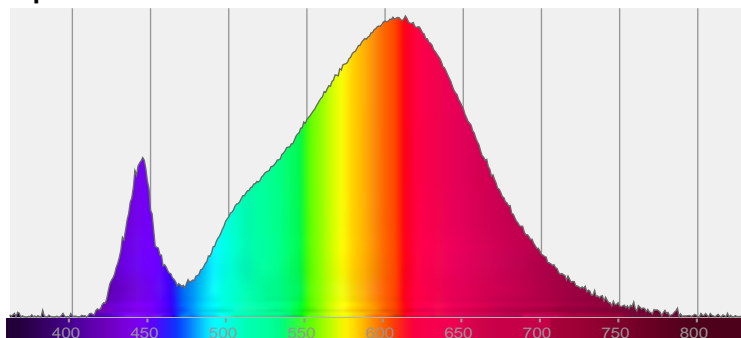
Date and time:

1/11/2018 3:46:50 PM

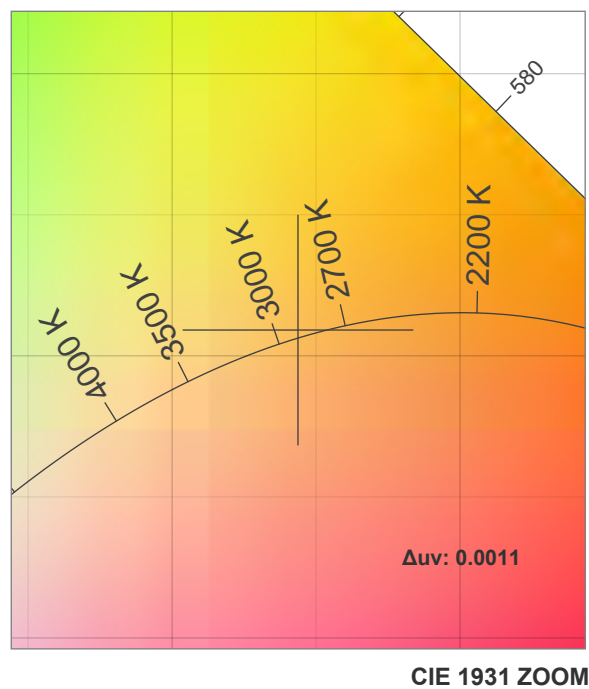
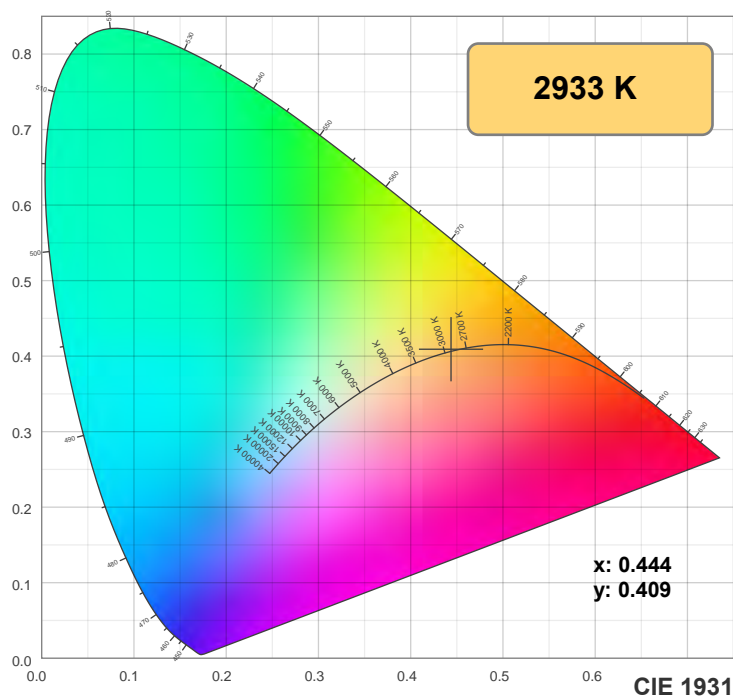


CIE 1931
x: 0.444
y: 0.409

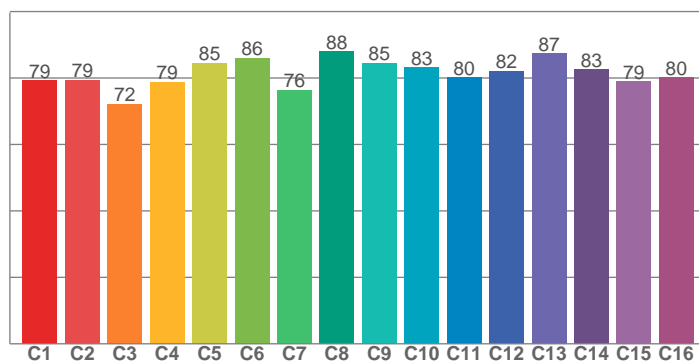
Spectra



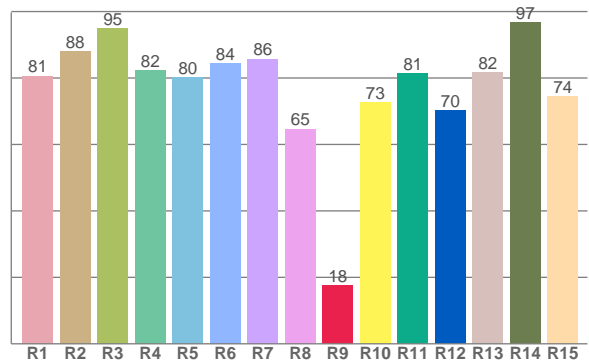
Color details



TM30: 81.3



CRI: 82.6 (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
80.6	87.9	94.9	82.3	80.2	84.5	85.8	64.7	17.6	72.7	81.3	70.2	81.7	96.8	74.4

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
79.3	79.4	72.1	78.8	84.6	86.0	76.4	88.0	84.5	83.2	80.1	82.1	87.4	82.5	78.9	80.1

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
2933 K	82.6	17.6	81.3	99.1	0.444	0.409	0.253	0.350	0.0011

TM30 details

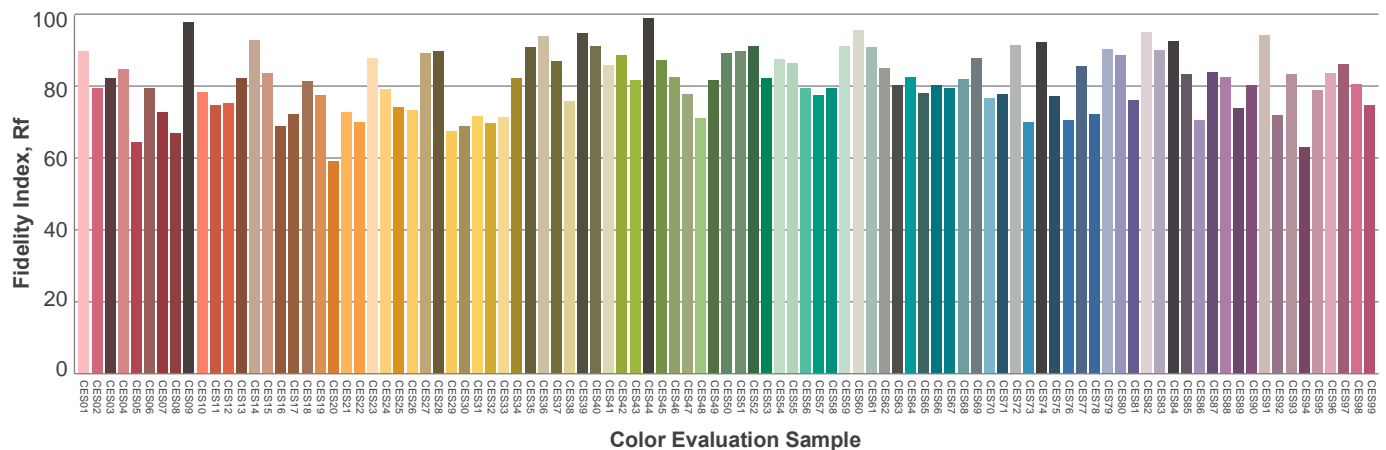
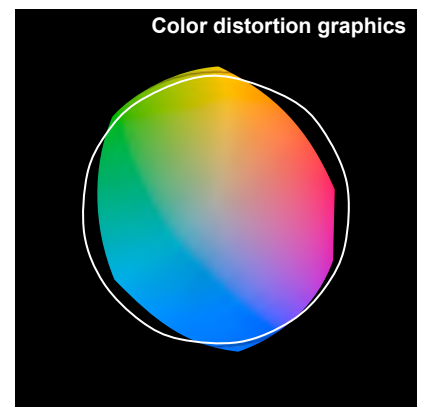
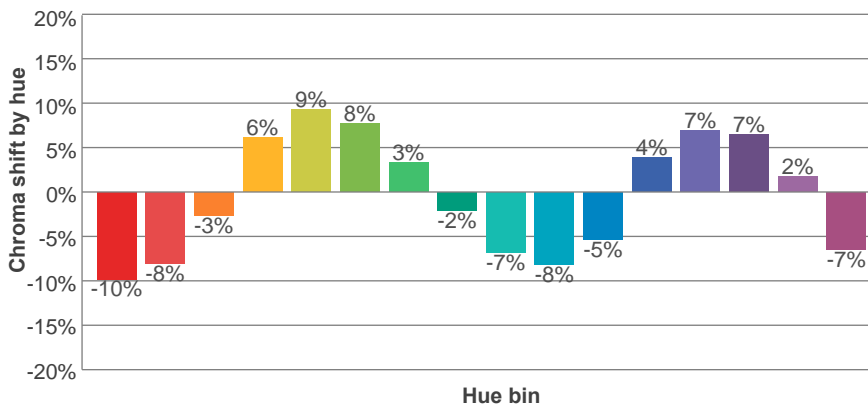
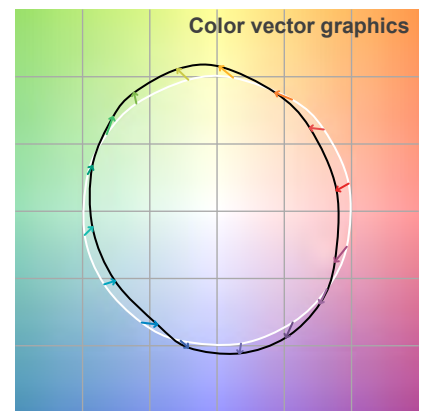
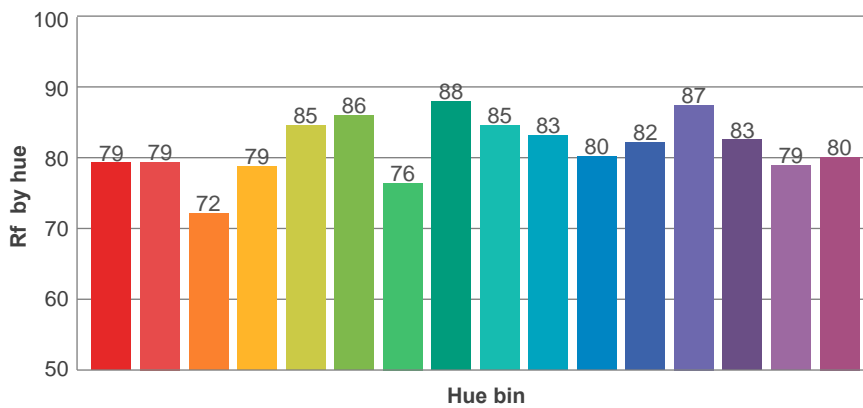
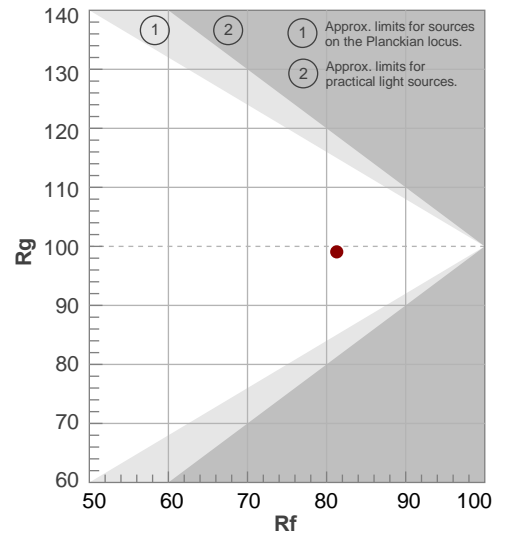
Rf 81.3

Fidelity index Rf

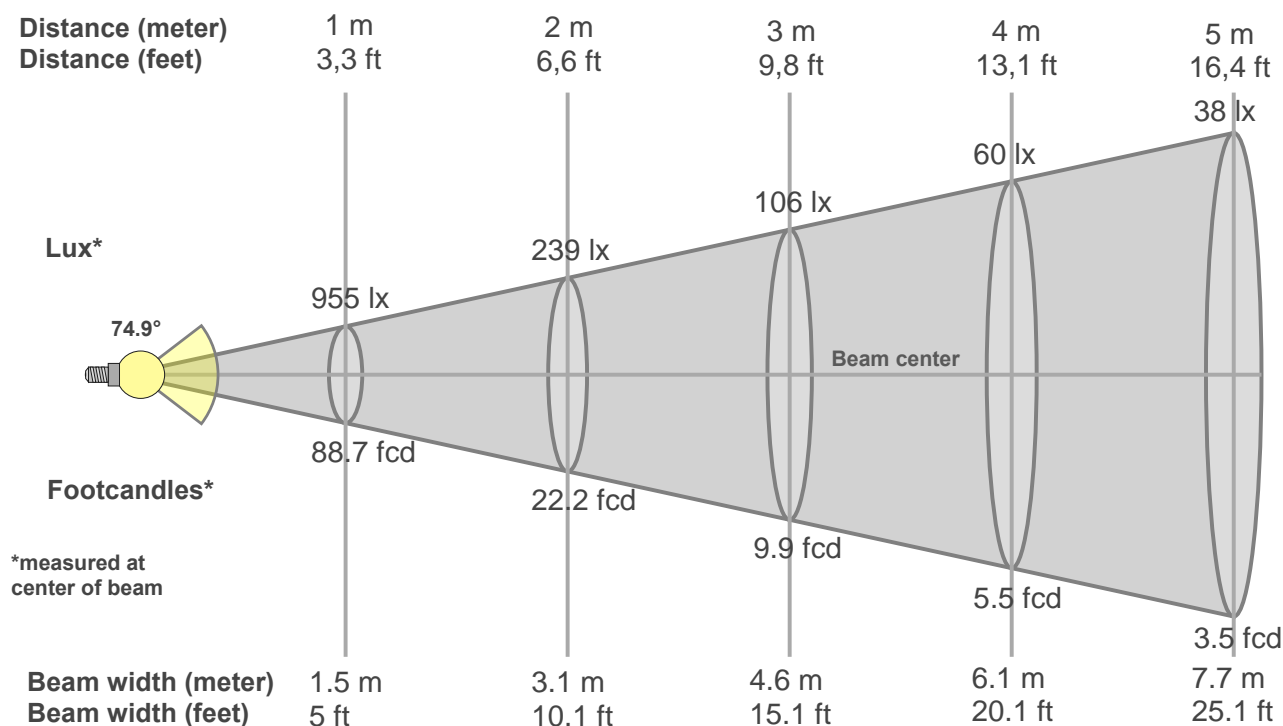
Rg 99.1

Gamut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	79	-10%	-3%
2	79	-8%	7%
3	72	-3%	13%
4	79	6%	12%
5	85	9%	6%
6	86	8%	-3%
7	76	3%	-13%
8	88	-2%	-7%
9	85	-7%	-5%
10	83	-8%	2%
11	80	-5%	11%
12	82	4%	6%
13	87	7%	-2%
14	83	7%	-10%
15	79	2%	-12%
16	80	-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
955lx	239lx	106lx	60lx	38lx	27lx	19lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx
88.7fcd	22.2fcd	9.9fcd	5.5fcd	3.5fcd	2.5fcd	1.8fcd	1.4fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd

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°
955	953	960	974	986	985	984	981	976	973	977	981	994	1010	1022	1027	1032	949	856	750
100%	100%	101%	102%	103%	103%	103%	103%	102%	102%	102%	103%	104%	106%	107%	108%	108%	99%	90%	79%

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°
955	962	971	981	988	995	998	993	987	987	987	990	998	1005	1015	1026	1006	959	905	776
100%	101%	102%	103%	103%	104%	105%	104%	103%	103%	103%	104%	104%	105%	106%	107%	105%	100%	95%	81%

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°
955	957	968	979	986	990	993	990	988	989	991	995	1002	1009	1013	1016	994	932	869	755
100%	100%	101%	102%	103%	104%	104%	104%	103%	104%	104%	104%	105%	106%	106%	106%	104%	98%	91%	79%

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°
955	948	950	962	975	973	970	968	968	968	978	987	1002	1020	1033	1025	1017	932	823	715
100%	99%	99%	101%	102%	102%	102%	101%	101%	101%	102%	103%	105%	107%	108%	107%	106%	98%	86%	75%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
74.9°	88°	104.3°	98.9%	95.7%