

Light efficiency:

54 Lumen/Watt

Light quality:

CRI: 78.8

Color temperature:

2931 K

Output: 2951 lm

Peak: 1715 cd

Power: 54.3 W

PF: 1.0



Beam angle

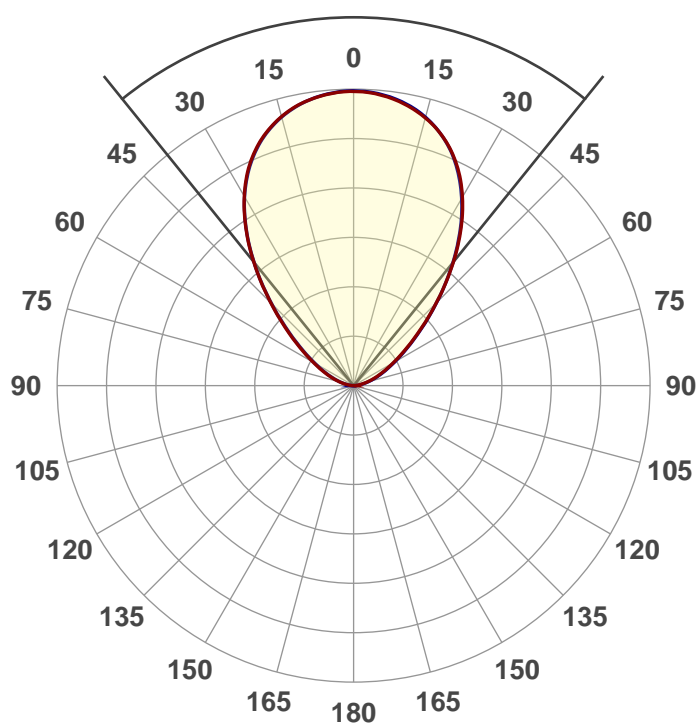
77.8°

Product name:

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

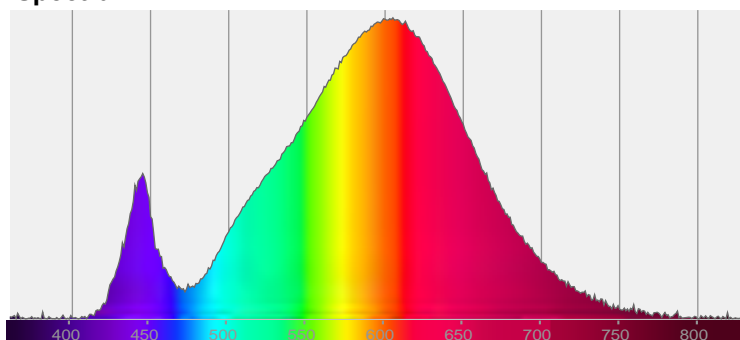
Date and time:

1/16/2018 8:32:51 AM

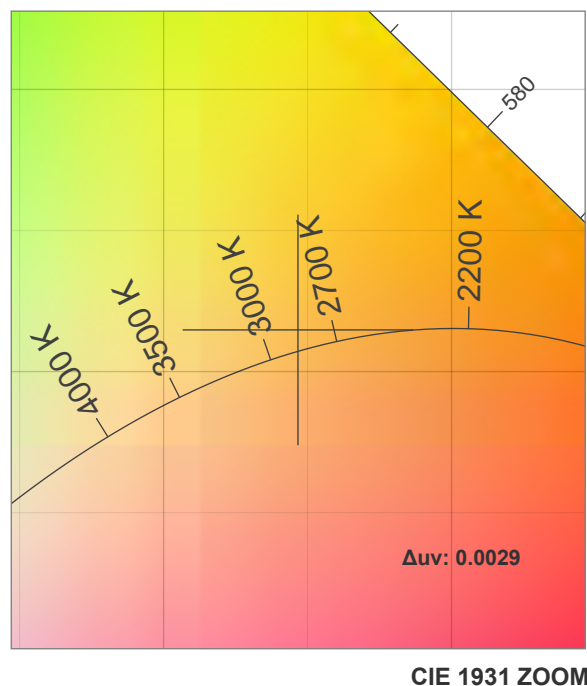
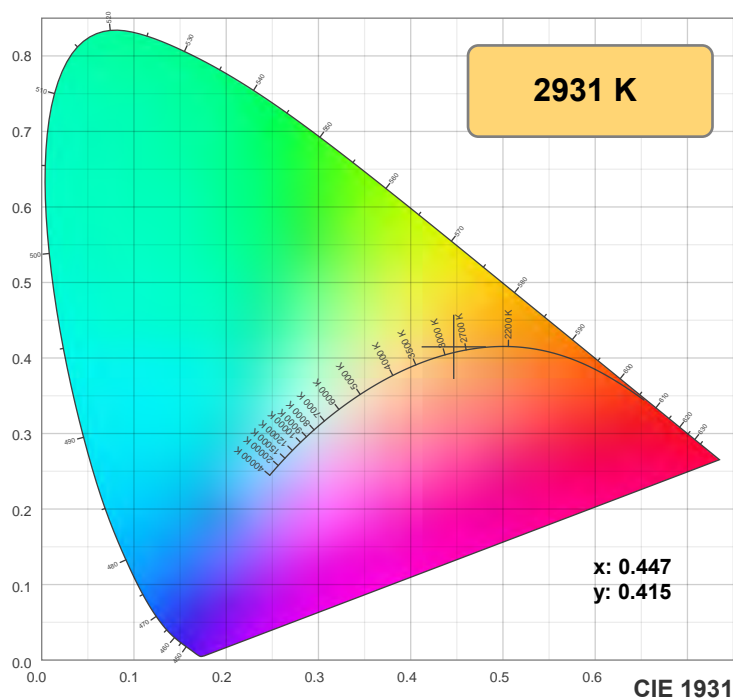


**CIE 1931
x: 0.447
y: 0.415**

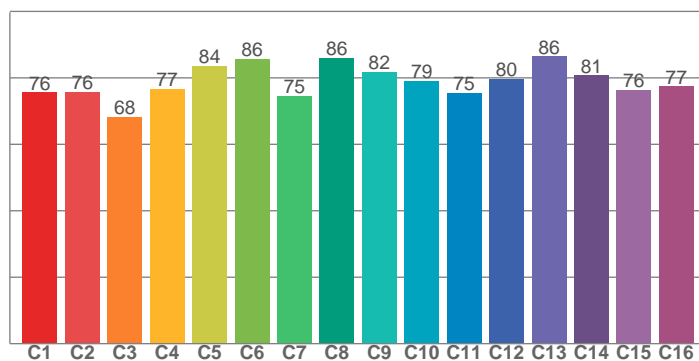
Spectra



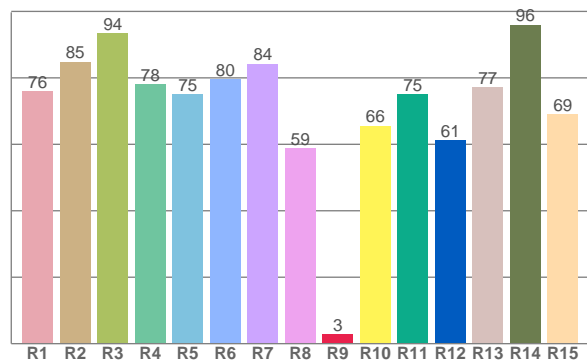
Color details



TM30: 78.6



CRI: 78.8 (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
76.0	84.9	93.5	78.0	75.1	79.7	84.2	58.9	2.7	65.6	75.2	61.2	77.2	96.0	69.1

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
75.6	75.7	68.2	76.7	83.6	85.7	74.5	86.0	81.8	79.0	75.5	79.7	86.5	80.7	76.3	77.5

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
2931 K	78.8	2.7	78.6	97.2	0.447	0.415	0.252	0.351	0.0029

TM30 details

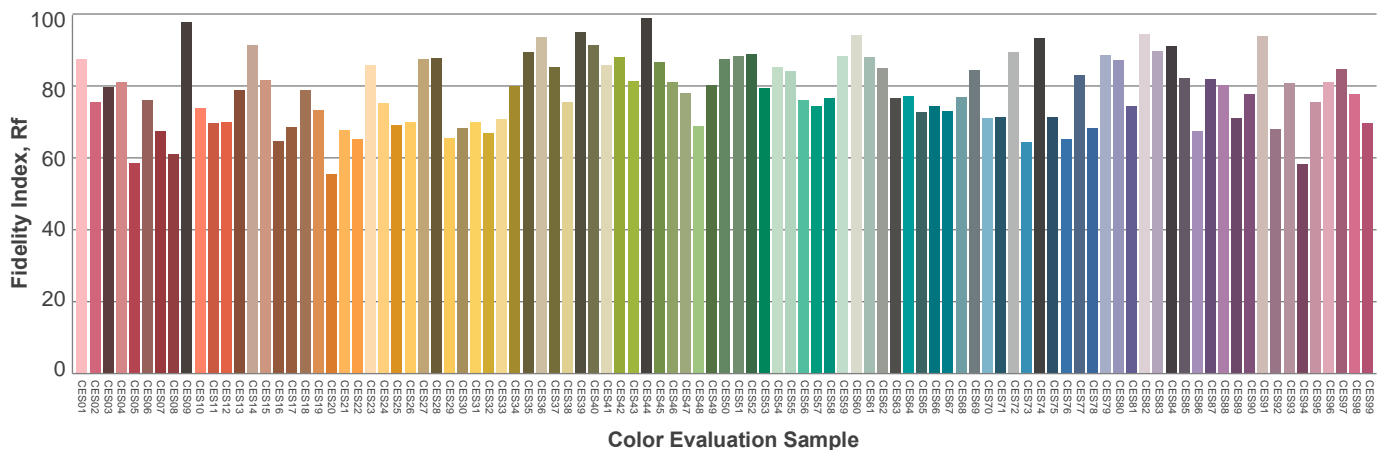
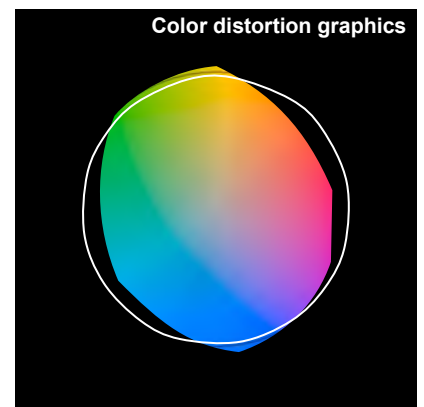
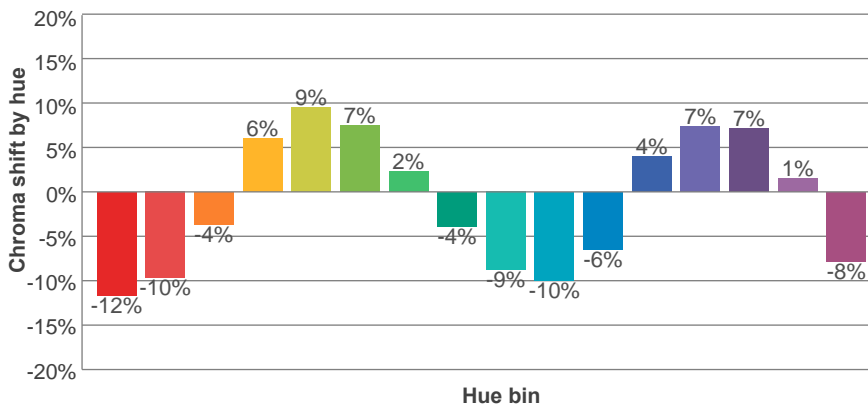
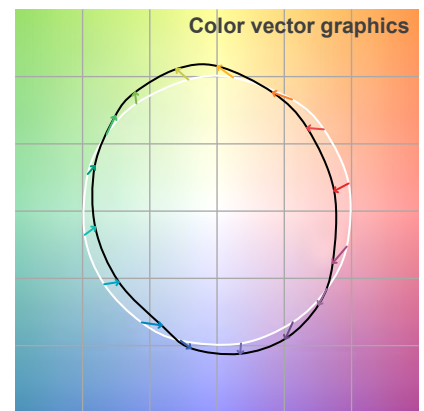
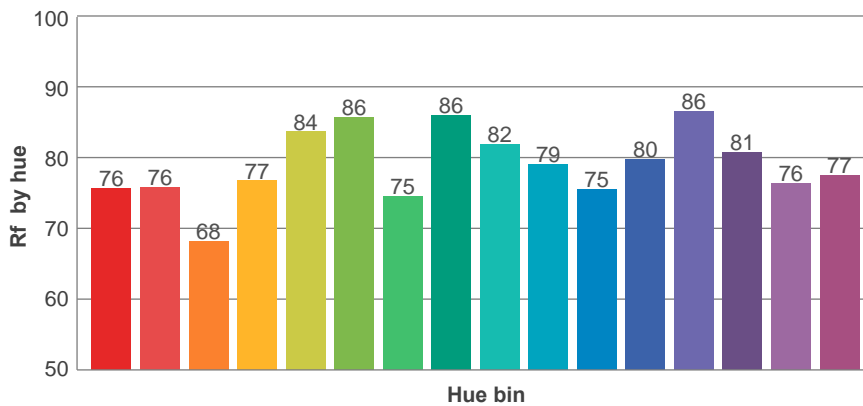
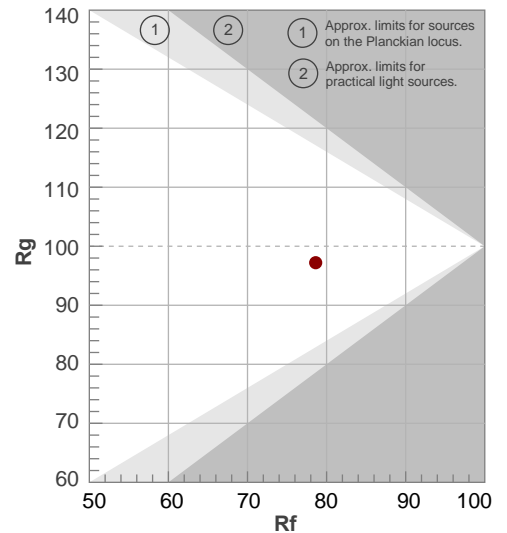
Rf 78.6

Fidelity index Rf

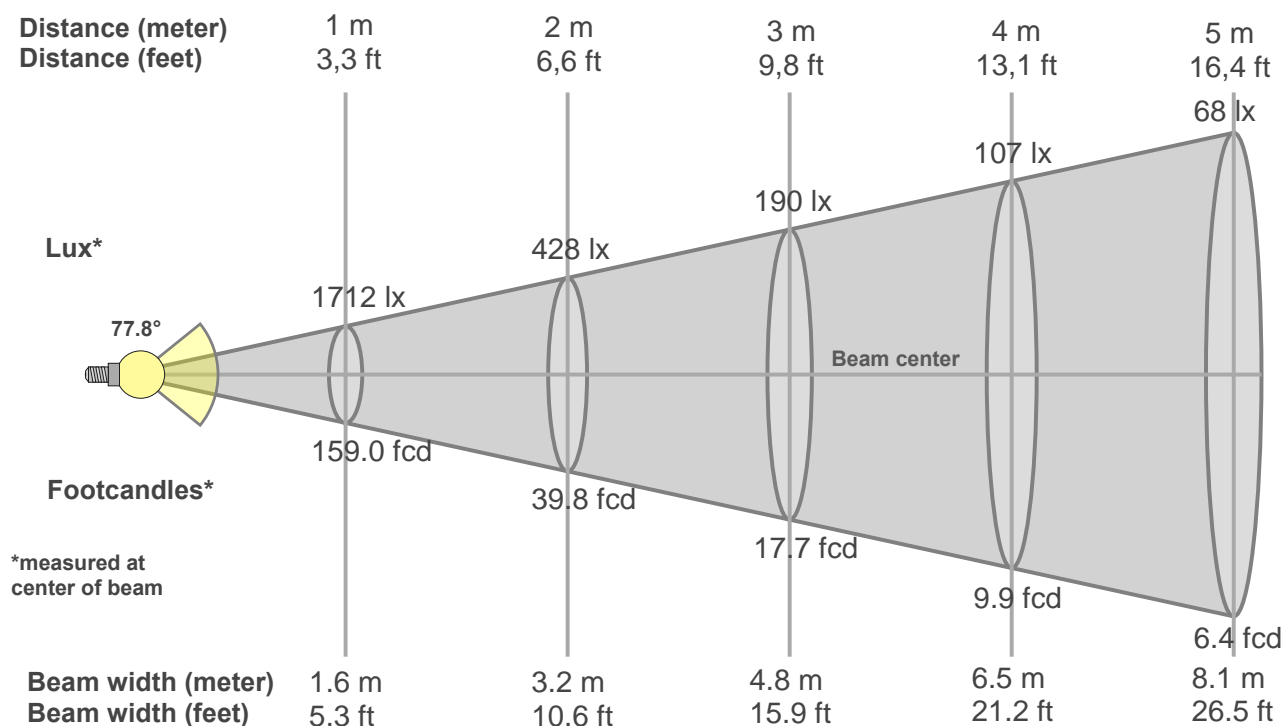
Rg 97.2

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	-12%	-3%
2	76	-10%	8%
3	68	-4%	15%
4	77	6%	13%
5	84	9%	7%
6	86	7%	-4%
7	75	2%	-15%
8	86	-4%	-7%
9	82	-9%	-4%
10	79	-10%	5%
11	75	-6%	14%
12	80	4%	8%
13	86	7%	-2%
14	81	7%	-11%
15	76	1%	-13%
16	77	-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
1712lx	428lx	190lx	107lx	68lx	48lx	35lx	27lx	21lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
159fcd	39.8fcd	17.7fcd	9.9fcd	6.4fcd	4.4fcd	3.2fcd	2.5fcd	2fcd	1.6fcd	1.3fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd

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°
1712	1701	1672	1619	1538	1423	1270	1085	882	684	514	377	273	194	135	86	47	19	0	0
100%	99%	98%	95%	90%	83%	74%	63%	52%	40%	30%	22%	16%	11%	8%	5%	3%	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°
1712	1703	1672	1616	1534	1419	1267	1082	878	677	502	365	261	185	125	78	40	14	0	0
100%	100%	98%	94%	90%	83%	74%	63%	51%	40%	29%	21%	15%	11%	7%	5%	2%	1%	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°
1712	1698	1665	1611	1530	1415	1264	1081	881	685	512	375	271	192	132	83	44	17	2	0
100%	99%	97%	94%	89%	83%	74%	63%	51%	40%	30%	22%	16%	11%	8%	5%	3%	1%	0%	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°
1712	1703	1671	1615	1529	1409	1255	1074	878	687	519	383	280	201	140	90	51	22	3	0
100%	99%	98%	94%	89%	82%	73%	63%	51%	40%	30%	22%	16%	12%	8%	5%	3%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
77.8°	131.1°	160.3°	90.4%	72.9%