

Light efficiency:

67 Lumen/Watt

Light quality:

CRI: 80.8

Color temperature:

2682 K

Output: 3071 lm

Peak: 3613 cd

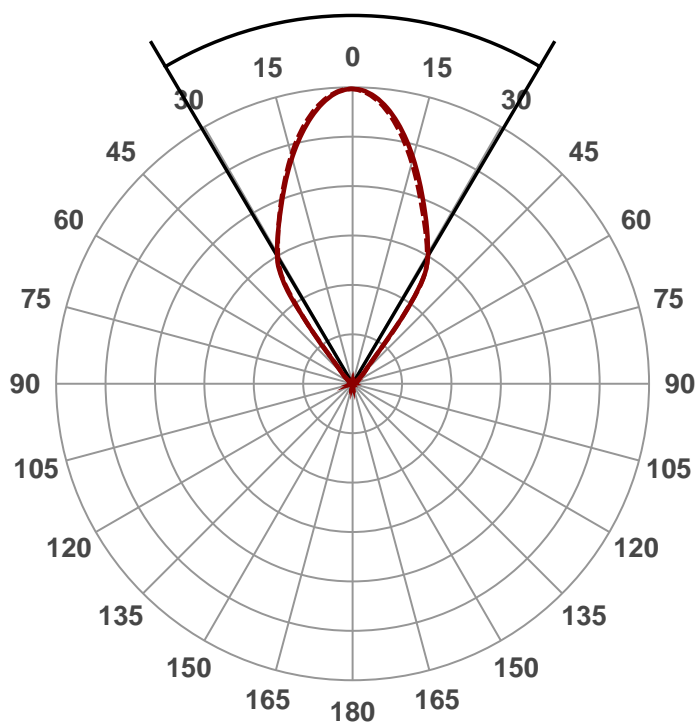
Power: 45.7 W

PF: 1.0



Beam angle

61.1°



Product name:

608RA-6-XTM19-40LM-27K-83-DA60-
UNV-10V-WH-S

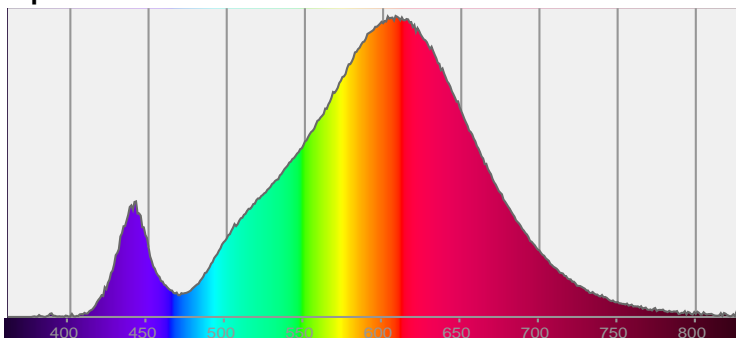
Date and time:

1/17/2017 9:08:13 AM

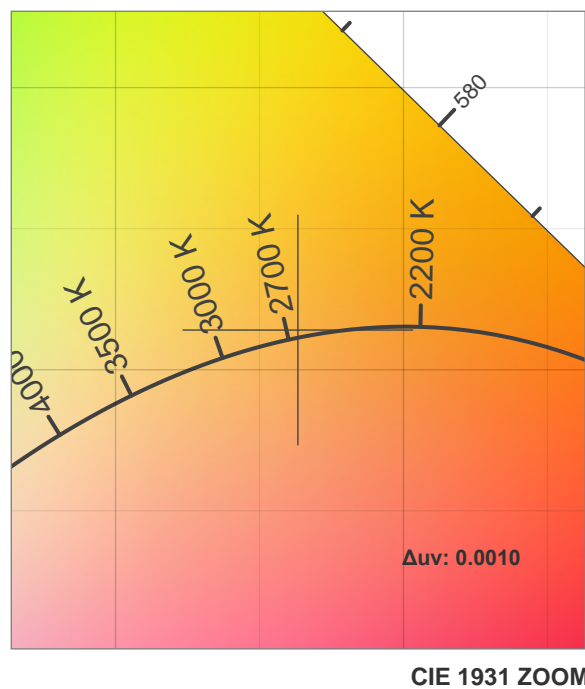
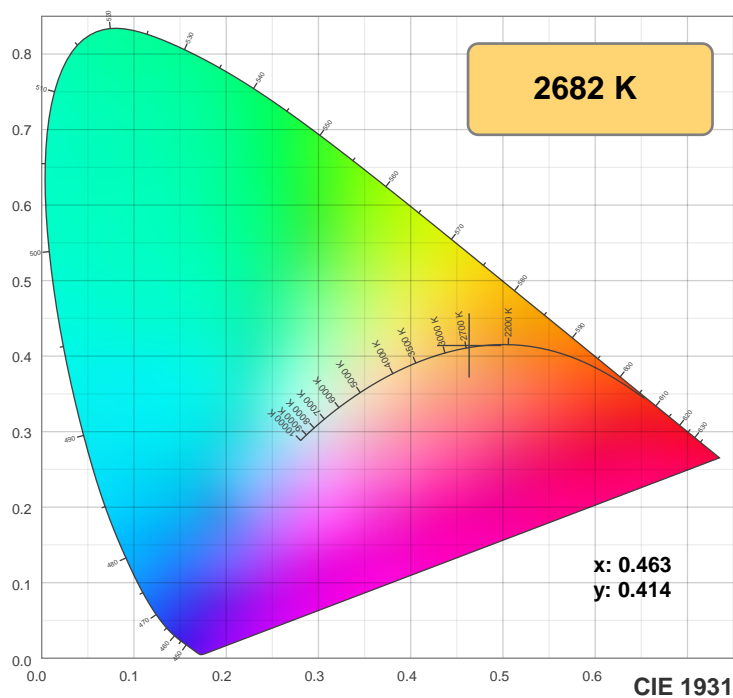


CIE 1931
x: 0.463
y: 0.414

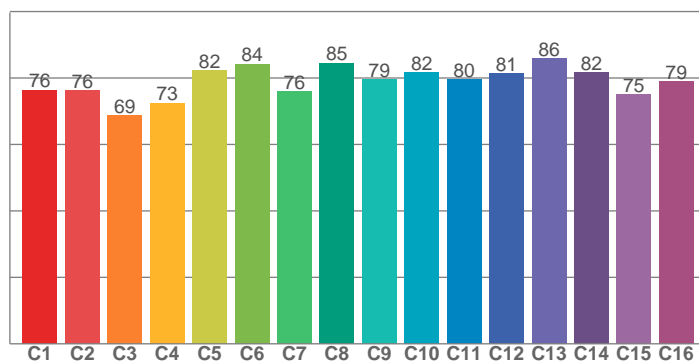
Spectra



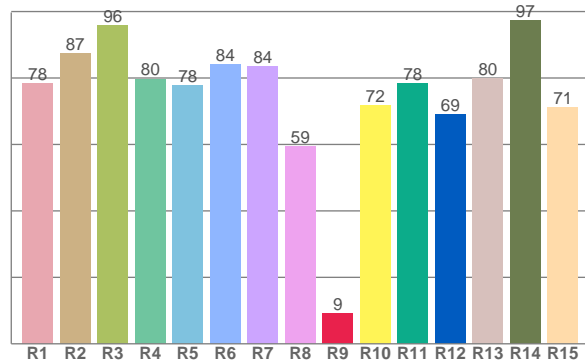
Color Details



TM30: 78.5



CRI: 80.8 (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
78.3	87.3	96.0	79.7	77.8	84.0	83.6	59.5	9.1	71.7	78.3	69.0	79.8	97.4	71.3

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
76.4	76.2	68.7	72.5	82.3	84.2	75.9	84.5	79.5	81.6	79.6	81.3	85.9	81.6	75.0	79.0

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
2682 K	80.8	9.1	78.5	98.7	0.463	0.414	0.263	0.353	0.0010

TM30 Details

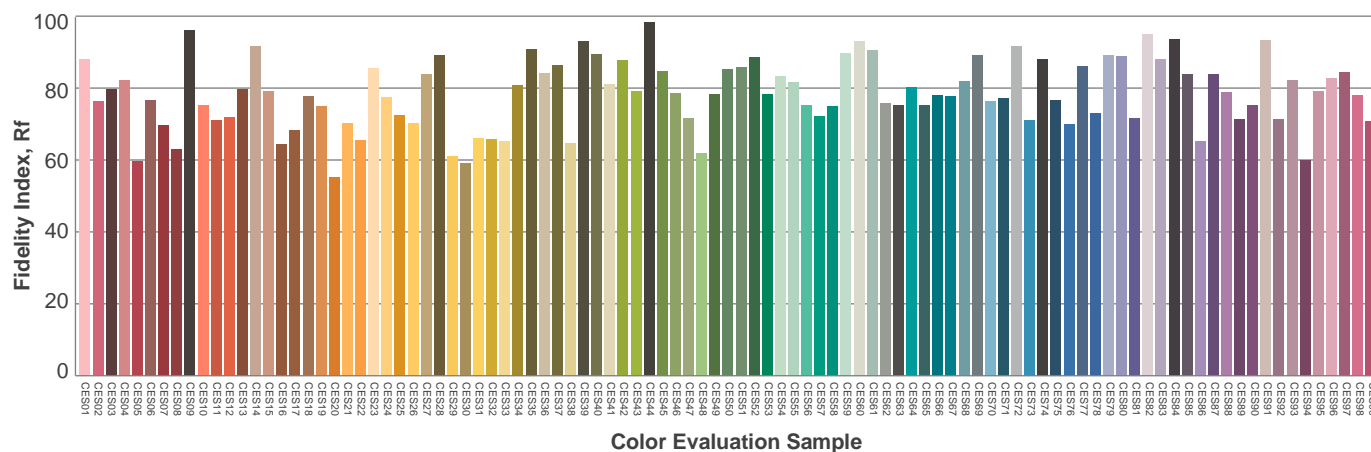
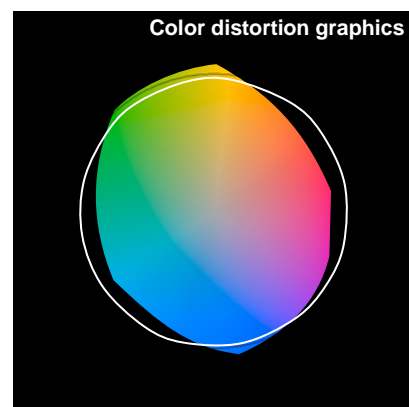
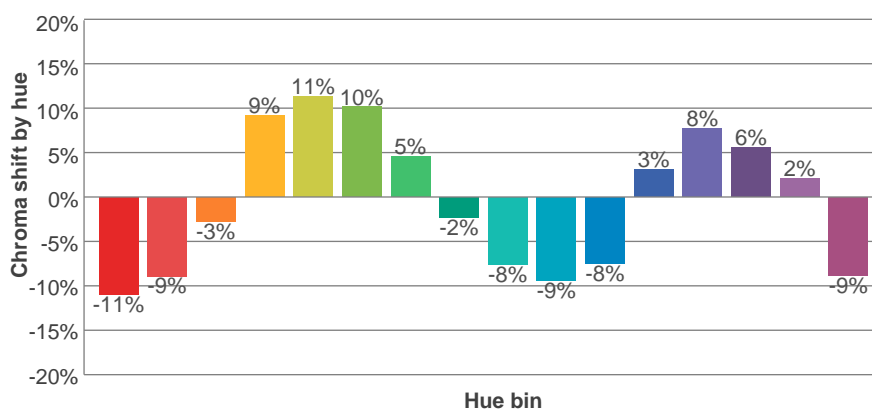
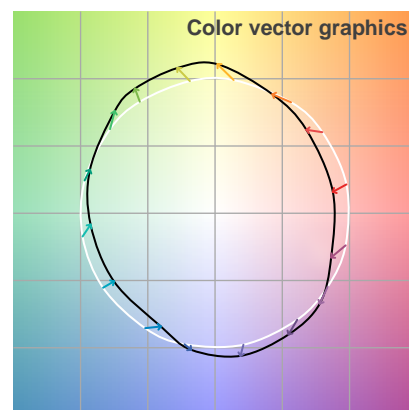
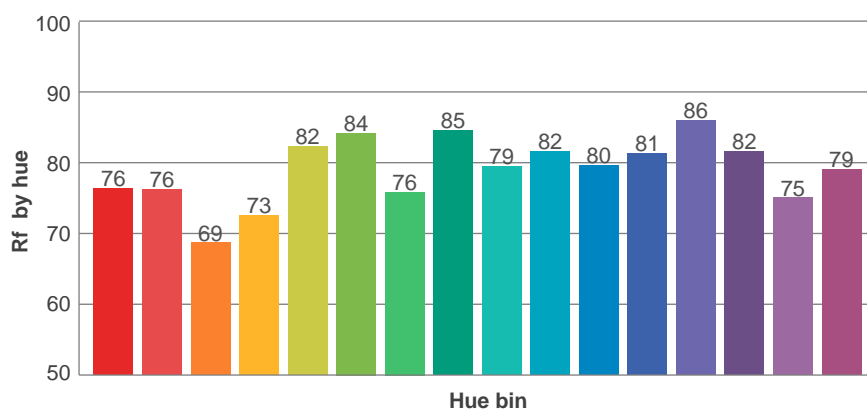
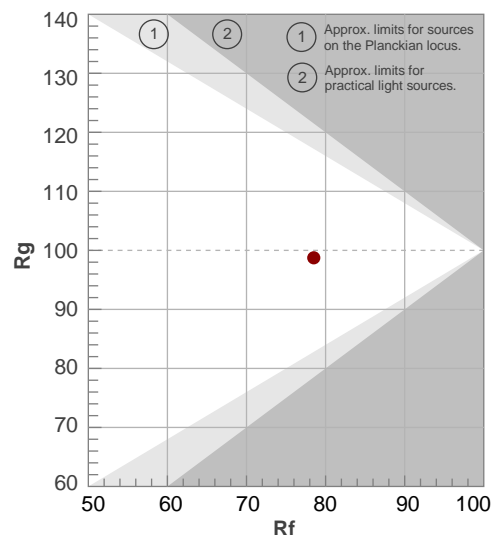
Rf 78.5

Fidelity index Rf

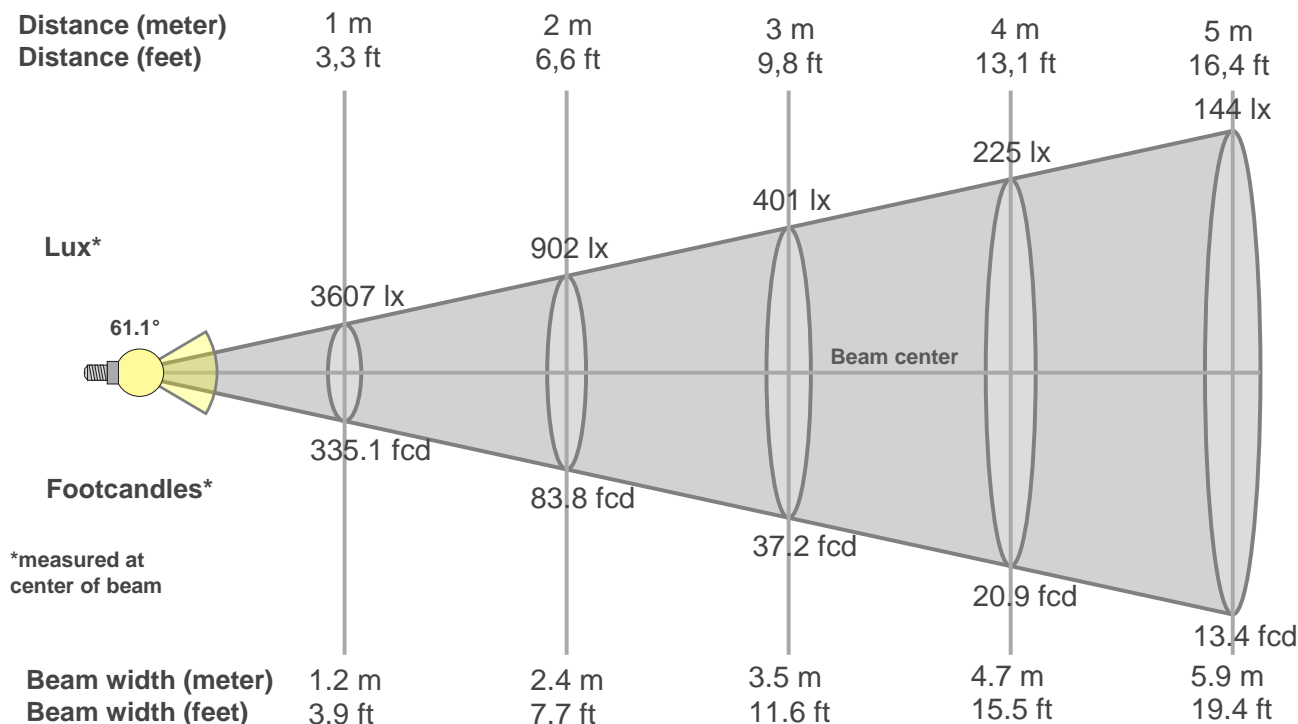
Rg 98.7

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	-11%	-3%
2	76	-9%	8%
3	69	-3%	15%
4	73	9%	14%
5	82	11%	7%
6	84	10%	-2%
7	76	5%	-13%
8	85	-2%	-9%
9	79	-8%	-7%
10	82	-9%	1%
11	80	-8%	9%
12	81	3%	6%
13	86	8%	-4%
14	82	6%	-11%
15	75	2%	-14%
16	79	-9%	-11%



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
3607lx	902lx	401lx	225lx	144lx	100lx	74lx	56lx	45lx	36lx	30lx	25lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx	9lx
335.1fcd	83.8fcd	37.2fcd	20.9fcd	13.4fcd	9.3fcd	6.8fcd	5.2fcd	4.1fcd	3.4fcd	2.8fcd	2.3fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1fcd	0.9fcd	0.8fcd

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°
3607	3589	3541	3461	3352	3226	3089	2942	2790	2636	2485	2338	2206	2082	1964	1850	1716	1500	1173	719
100%	99%	98%	96%	93%	89%	86%	82%	77%	73%	69%	65%	61%	58%	54%	51%	48%	42%	33%	20%

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°
3607	3596	3549	3476	3381	3260	3123	2975	2819	2660	2505	2355	2213	2079	1952	1827	1687	1488	1117	711
100%	100%	98%	96%	94%	90%	87%	82%	78%	74%	69%	65%	61%	58%	54%	51%	47%	41%	31%	20%

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°
3607	3595	3541	3459	3354	3231	3090	2941	2787	2632	2482	2342	2210	2084	1962	1844	1704	1512	1182	749
100%	100%	98%	96%	93%	90%	86%	82%	77%	73%	69%	65%	61%	58%	54%	51%	47%	42%	33%	21%

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°
3607	3576	3517	3431	3315	3179	3032	2879	2724	2570	2423	2285	2161	2046	1935	1825	1713	1509	1175	777
100%	99%	98%	95%	92%	88%	84%	80%	76%	71%	67%	63%	60%	57%	54%	51%	47%	42%	33%	22%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
61.1°	81.2°	101.7°	99.5%	96.4%