

Light efficiency:

53 Lumen/Watt

Light quality:

CRI: 96.1

Color temperature:

2945 K

Output: 2096 lm

Peak: 1583 cd

Power: 39.3 W

PF: 1.0



Beam angle

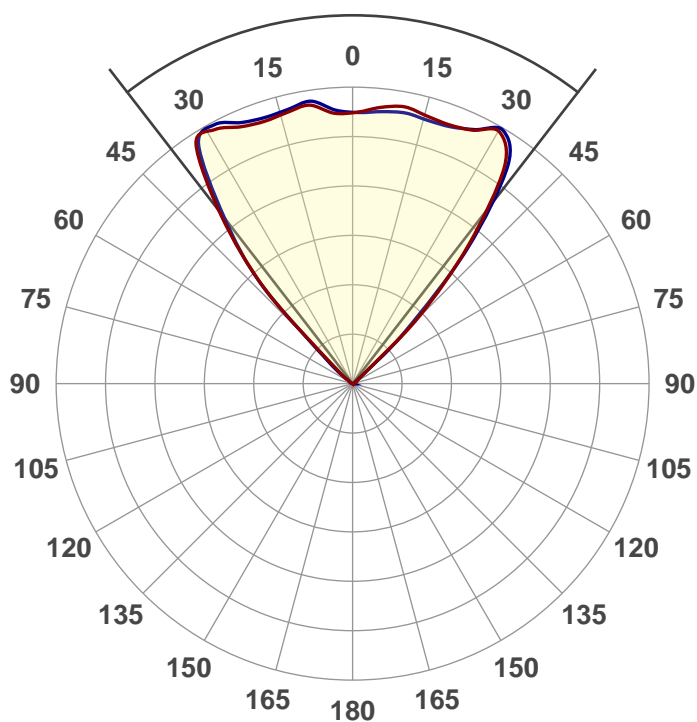
75.4°

Product name:

**608QA-6-XTM19-30LM-30K-98-
UNV-DIM10-WH-S-TCGS**

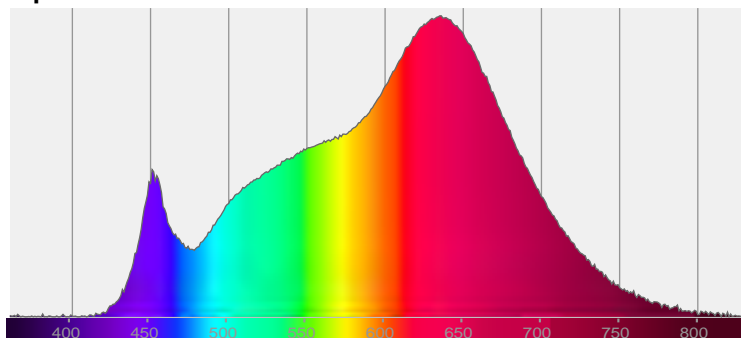
Date and time:

1/19/2018 9:51:46 AM

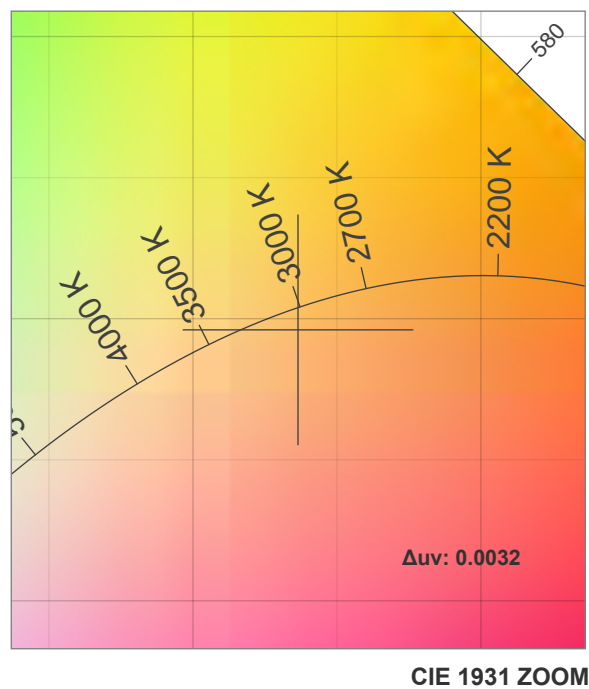
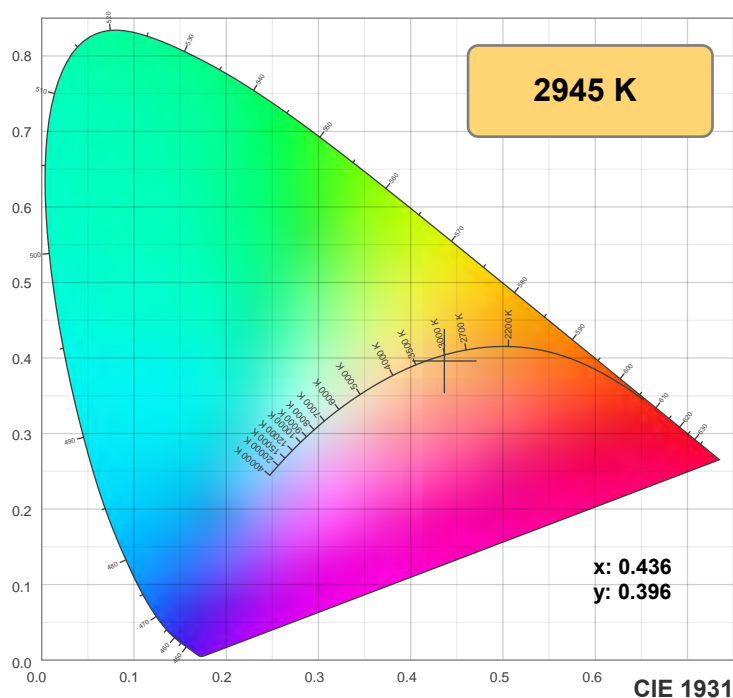


CIE 1931
x: 0.436
y: 0.396

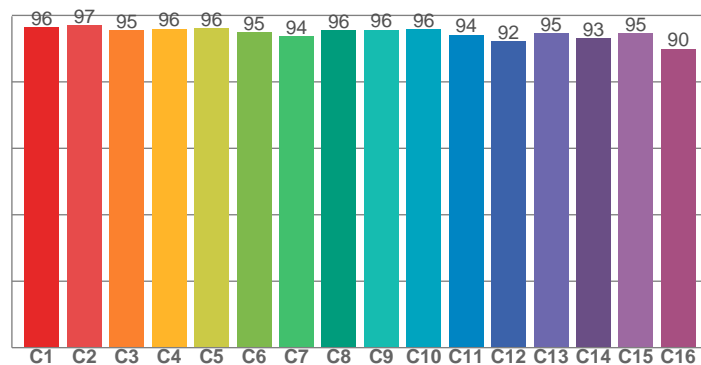
Spectra



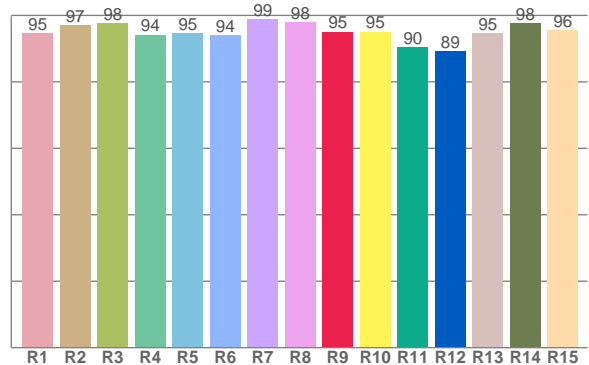
Color details



TM30: 94.9



CRI: 96.1 (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
94.6	96.9	97.6	94.1	94.7	94.1	98.9	97.9	95.1	95.1	90.3	89.2	94.7	97.5	95.6

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
96.4	96.9	95.4	96.0	96.0	94.9	93.6	95.5	95.7	95.8	94.1	92.2	94.5	93.1	94.6	89.9

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
2945 K	96.1	95.1	94.9	103.1	0.436	0.396	0.254	0.345	0.0032

TM30 details

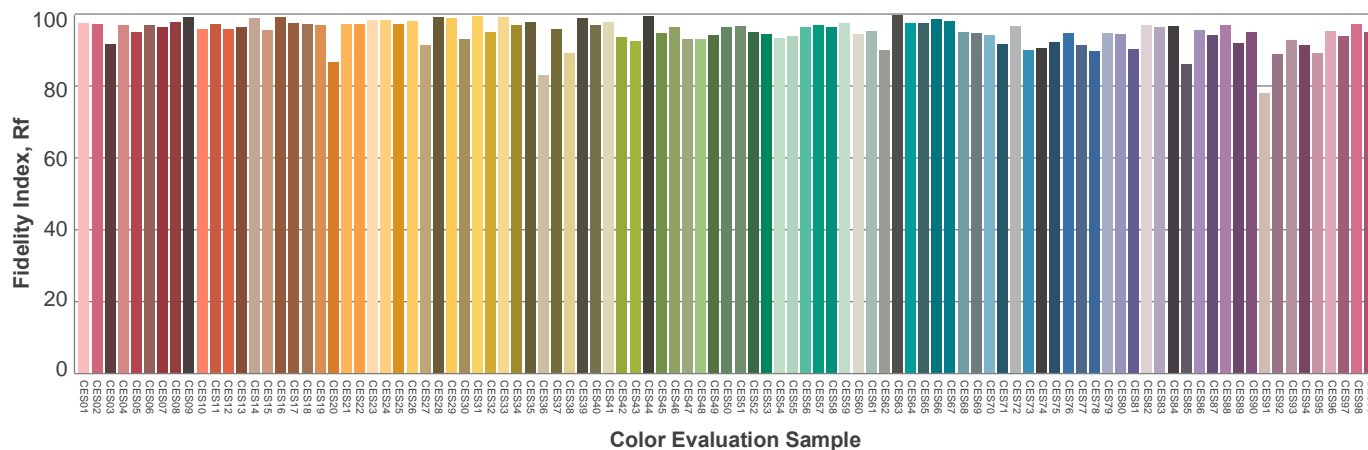
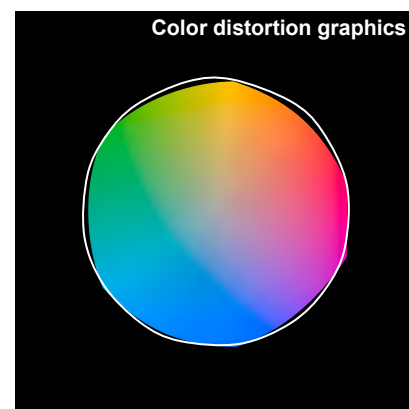
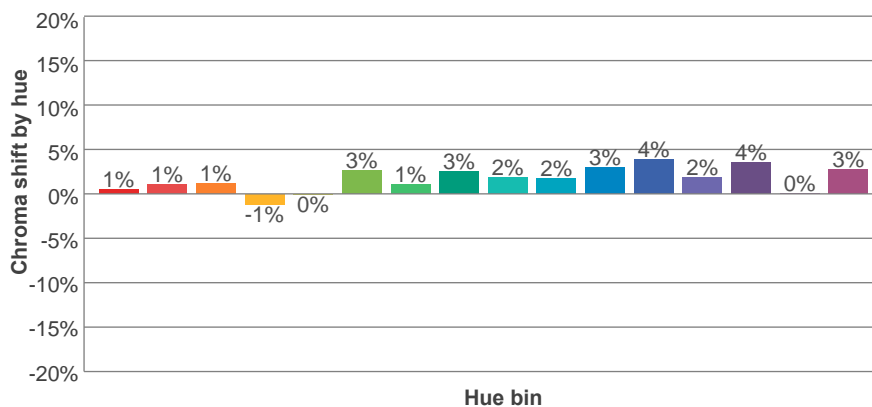
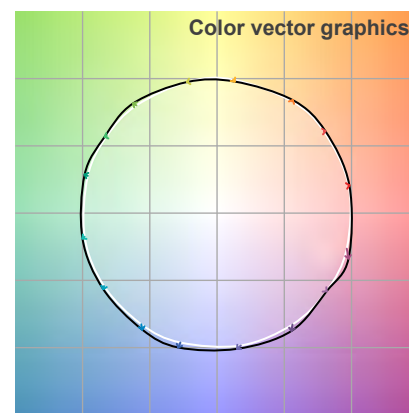
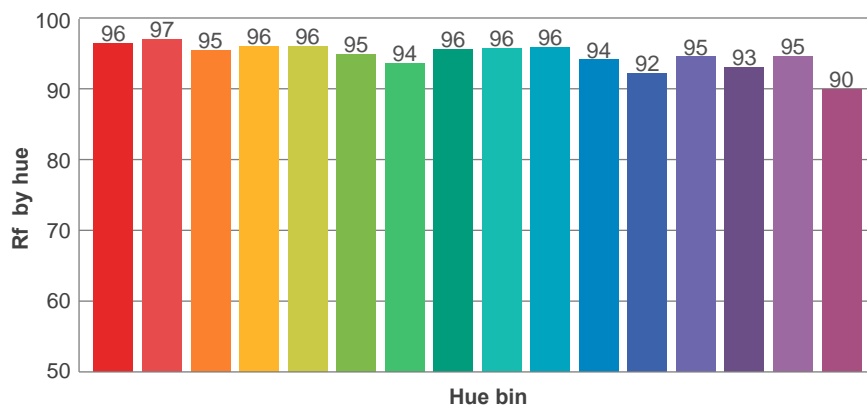
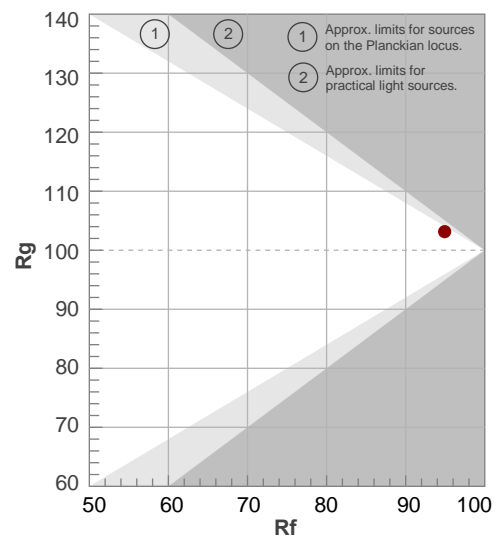
Rf 94.9

Fidelity index Rf

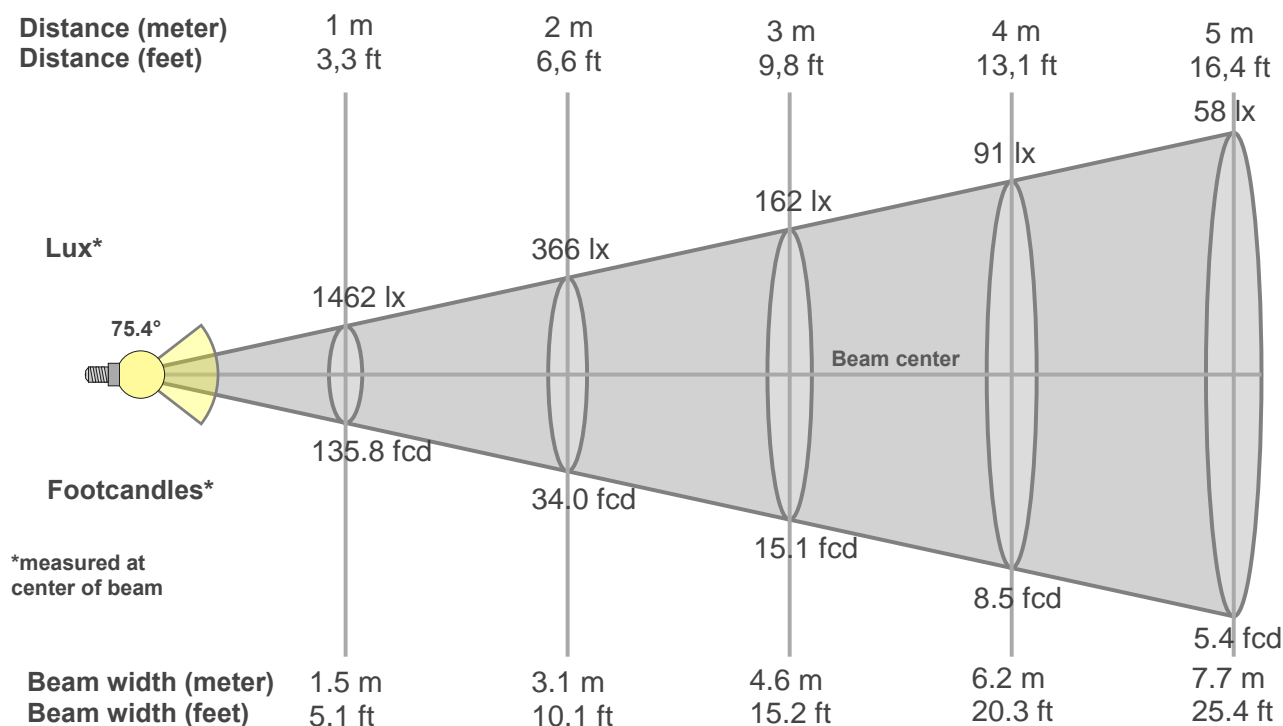
Rg 103.1

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	0%
3	95	1%	0%
4	96	-1%	-1%
5	96	0%	1%
6	95	3%	1%
7	94	1%	1%
8	96	3%	0%
9	96	2%	1%
10	96	2%	2%
11	94	3%	3%
12	92	4%	-1%
13	95	2%	-3%
14	93	4%	-3%
15	95	0%	0%
16	90	3%	-7%



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
1462lx	366lx	162lx	91lx	58lx	41lx	30lx	23lx	18lx	15lx	12lx	10lx	9lx	7lx	6lx	6lx	5lx	5lx	4lx	4lx
135.8fcd	34fcd	15.1fcd	8.5fcd	5.4fcd	3.8fcd	2.8fcd	2.1fcd	1.7fcd	1.4fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd

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°
1462	1457	1457	1481	1505	1511	1504	1498	1493	1488	1492	1499	1510	1529	1549	1547	1540	1472	1310	1148
100%	100%	100%	101%	103%	103%	103%	102%	102%	102%	102%	103%	103%	105%	106%	106%	105%	101%	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°
1462	1467	1478	1504	1529	1527	1519	1513	1509	1506	1513	1521	1535	1556	1576	1556	1537	1429	1266	1102
100%	100%	101%	103%	105%	104%	104%	103%	103%	103%	103%	104%	105%	106%	108%	106%	105%	98%	87%	75%

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°
1462	1466	1480	1493	1502	1510	1508	1499	1492	1488	1485	1492	1501	1515	1540	1564	1512	1451	1332	1148
100%	100%	101%	102%	103%	103%	103%	103%	102%	102%	102%	102%	103%	104%	105%	107%	103%	99%	91%	78%

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°
1462	1459	1464	1470	1474	1479	1480	1475	1471	1473	1476	1486	1502	1519	1547	1575	1541	1481	1385	1187
100%	100%	100%	100%	101%	101%	101%	101%	101%	101%	101%	102%	103%	104%	106%	108%	105%	101%	95%	81%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
75.4°	88°	105.2°	98.9%	95.6%