

Light efficiency:

53 Lumen/Watt

Light quality:

CRI: 95.8

Color temperature:

2919 K

Output: 2072 lm

Peak: 1696 cd

Power: 39.1 W

PF: 1.0



Beam angle

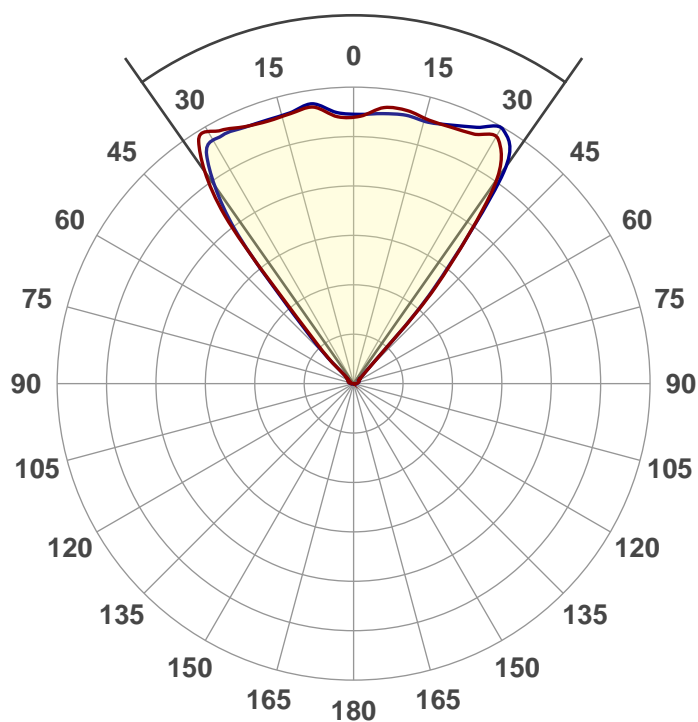
70.1°

Product name:

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

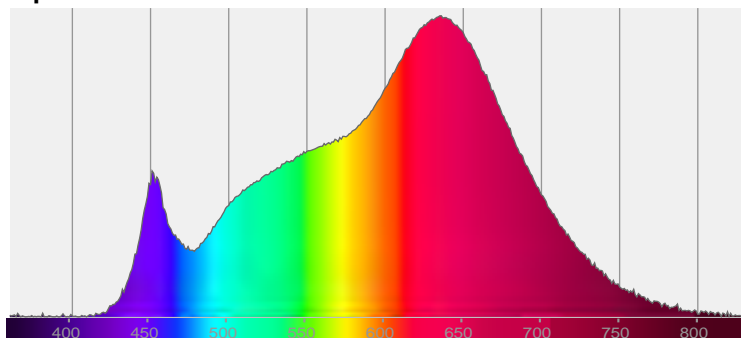
Date and time:

1/19/2018 10:00:22 AM

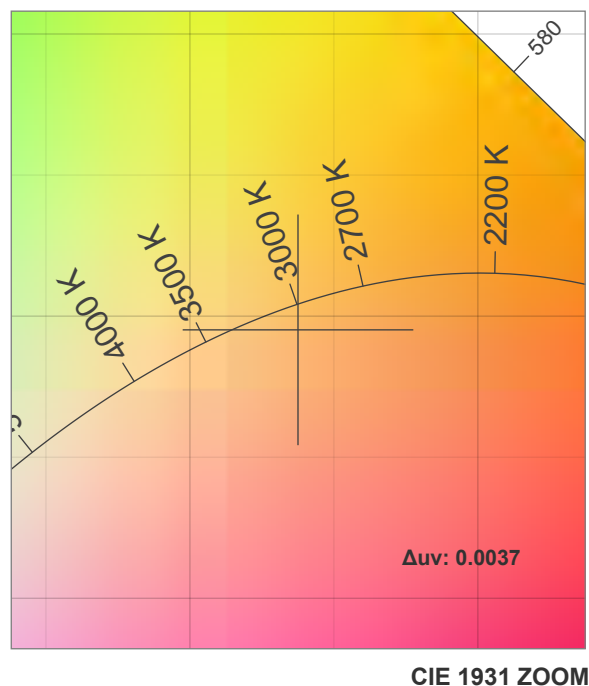
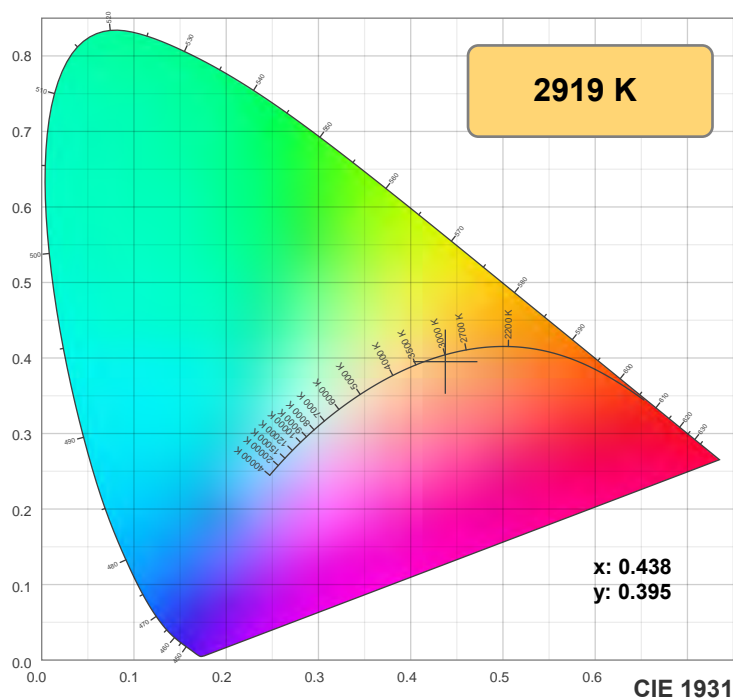


CIE 1931
x: 0.438
y: 0.395

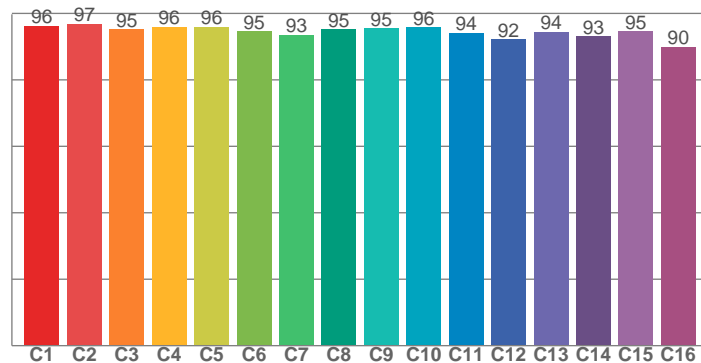
Spectra



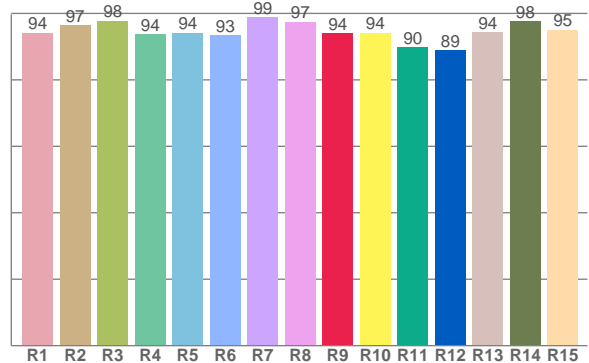
Color details



TM30: 94.8



CRI: 95.8 (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
94.2	96.5	97.8	93.8	94.2	93.5	98.8	97.5	94.0	94.2	89.8	88.8	94.2	97.6	95.0

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
96.3	96.8	95.2	95.9	95.9	94.5	93.5	95.2	95.5	95.9	94.1	92.1	94.5	93.1	94.6	90.0

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
2919 K	95.8	94.0	94.8	103.5	0.438	0.395	0.255	0.345	0.0037

TM30 details

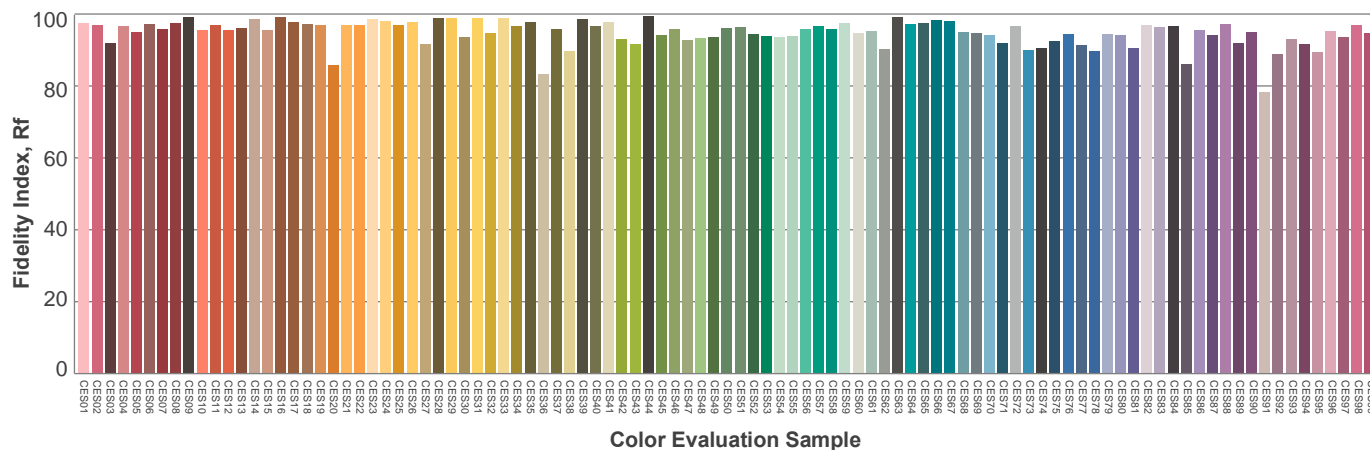
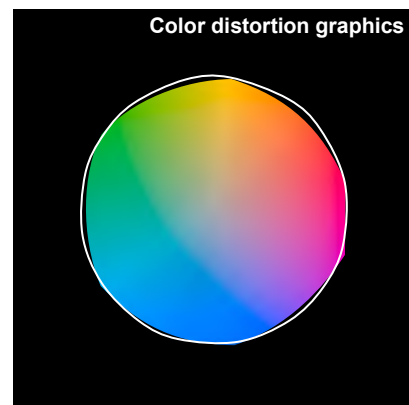
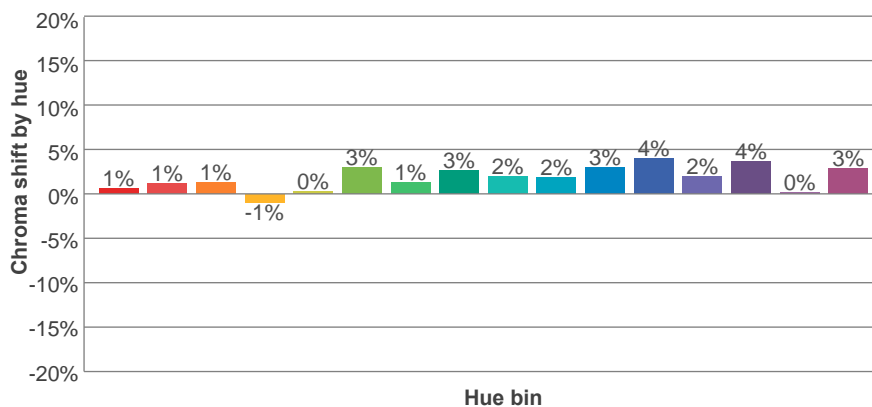
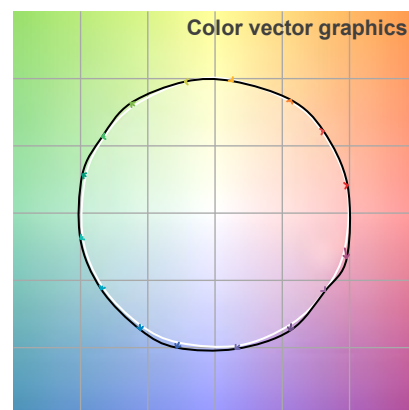
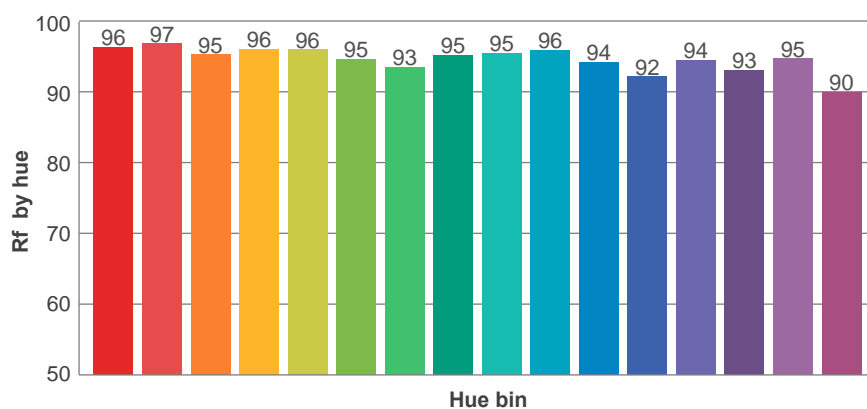
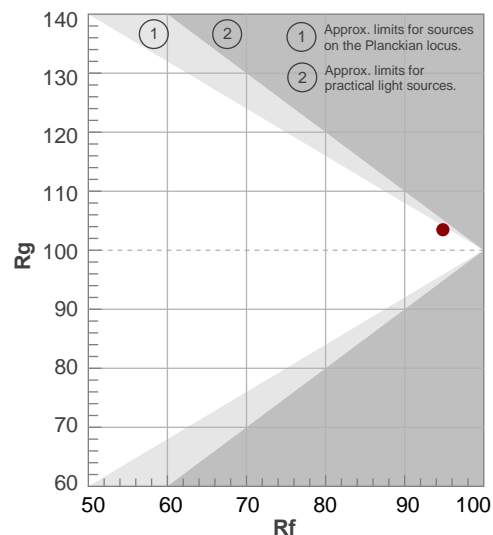
Rf 94.8

Fidelity index Rf

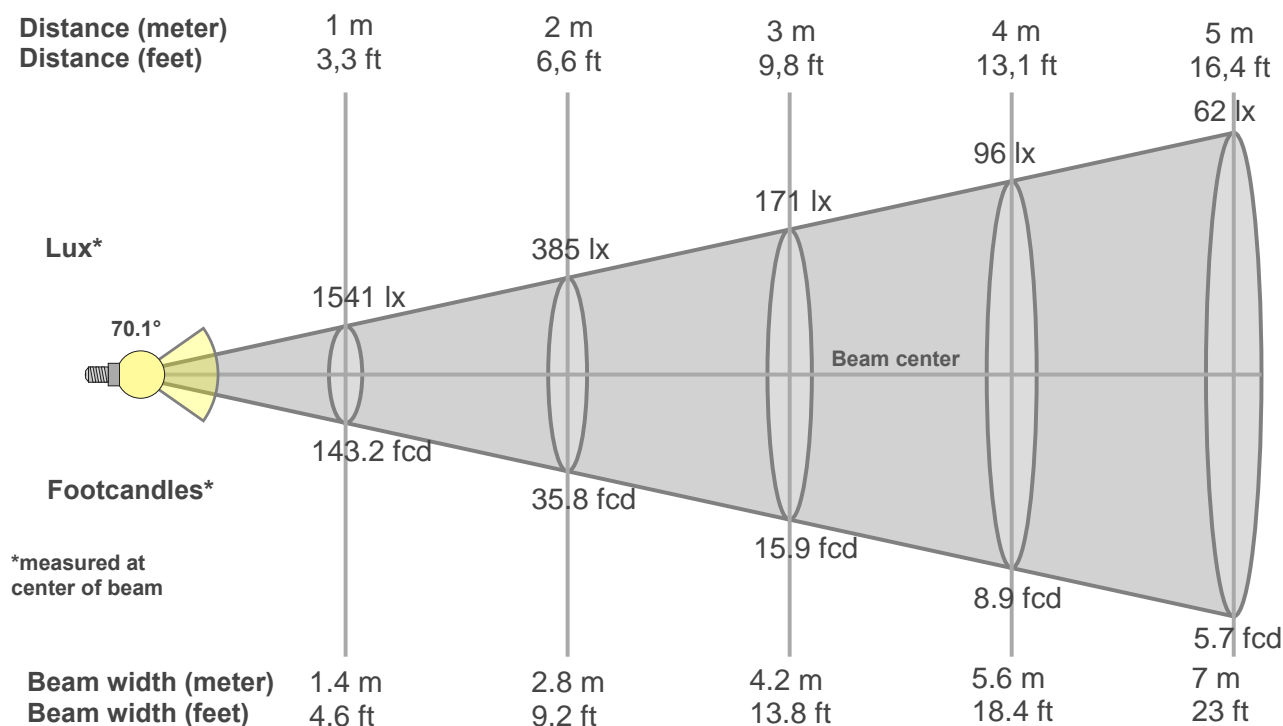
Rg 103.5

Gammut index Rg

Hue Bin	Rf	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	93	1%	1%
8	95	3%	-1%
9	95	2%	1%
10	96	2%	1%
11	94	3%	2%
12	92	4%	-1%
13	94	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
1541lx	385lx	171lx	96lx	62lx	43lx	31lx	24lx	19lx	15lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx
143.2fcd	35.8fcd	15.9fcd	8.9fcd	5.7fcd	4fcd	2.9fcd	2.2fcd	1.8fcd	1.4fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.4fcd

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°
1541	1529	1537	1565	1593	1593	1588	1584	1581	1579	1585	1592	1604	1621	1636	1639	1642	1520	1341	1114
100%	99%	100%	102%	103%	103%	103%	103%	103%	102%	103%	103%	104%	105%	106%	106%	107%	99%	87%	72%

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°
1541	1549	1559	1585	1612	1608	1597	1590	1588	1586	1588	1591	1595	1600	1604	1583	1562	1439	1258	1052
100%	100%	101%	103%	105%	104%	104%	103%	103%	103%	103%	103%	103%	104%	104%	103%	101%	93%	82%	68%

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°
1541	1536	1560	1584	1589	1590	1587	1577	1567	1568	1568	1572	1578	1586	1602	1619	1555	1457	1313	1041
100%	100%	101%	103%	103%	103%	103%	102%	102%	102%	102%	102%	102%	103%	104%	105%	101%	95%	85%	68%

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°
1541	1542	1547	1552	1557	1561	1561	1558	1554	1565	1576	1592	1610	1630	1654	1678	1623	1540	1382	1061
100%	100%	100%	101%	101%	101%	101%	101%	101%	102%	102%	103%	104%	106%	107%	109%	105%	100%	90%	69%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
70.1°	82.2°	121.4°	95.8%	92.1%