

Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 95.8

Color temperature:

2925 K

Output: 2268 lm

Peak: 1713 cd

Power: 38.5 W

PF: 1.0



Beam angle

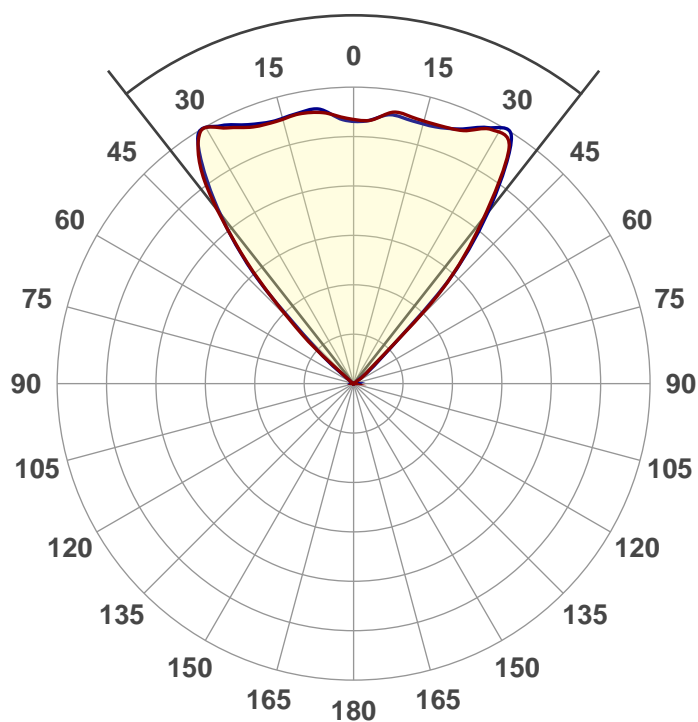
76.2°

Product name:

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

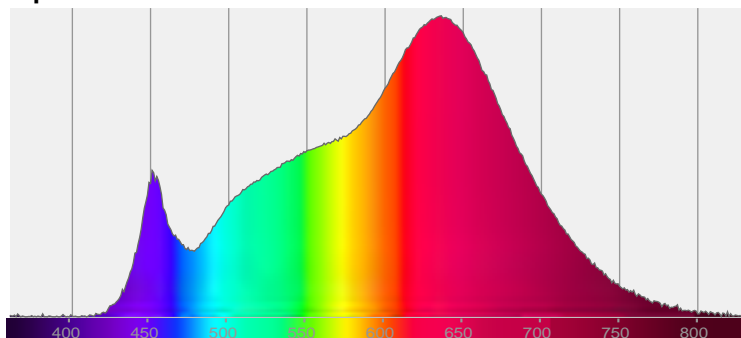
Date and time:

1/19/2018 9:41:17 AM

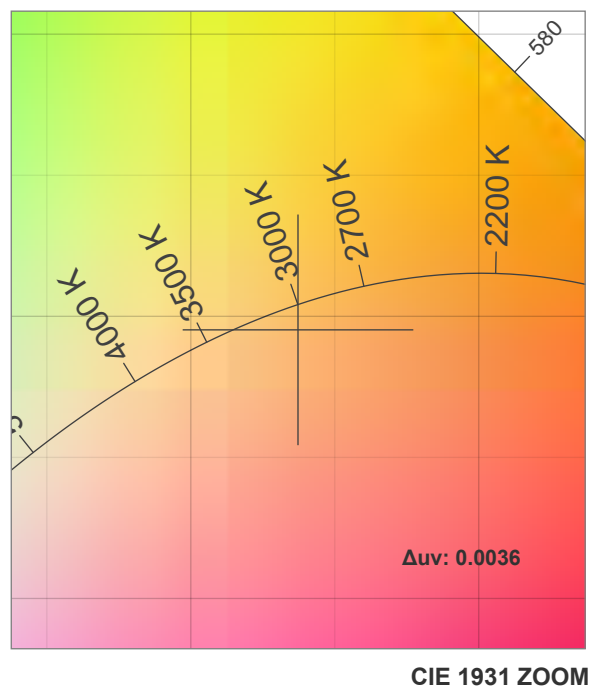
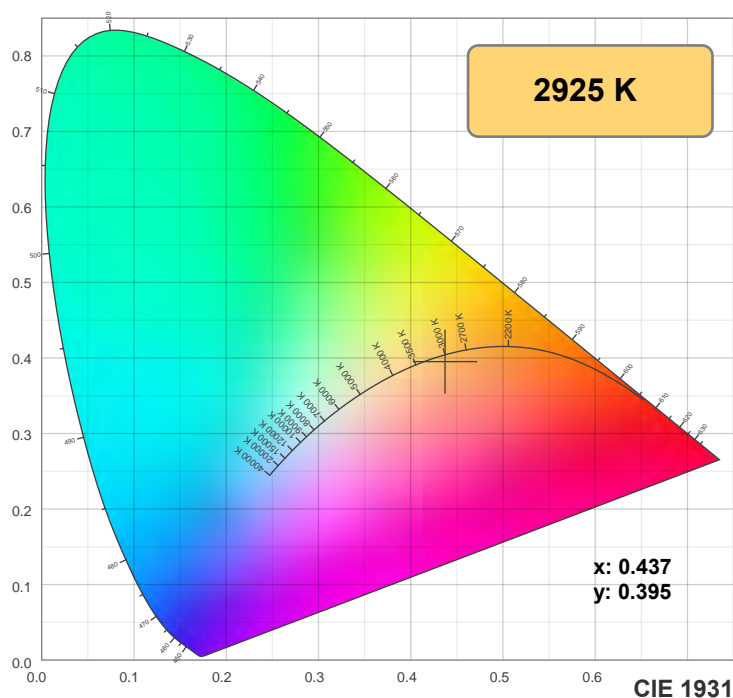


CIE 1931
x: 0.437
y: 0.395

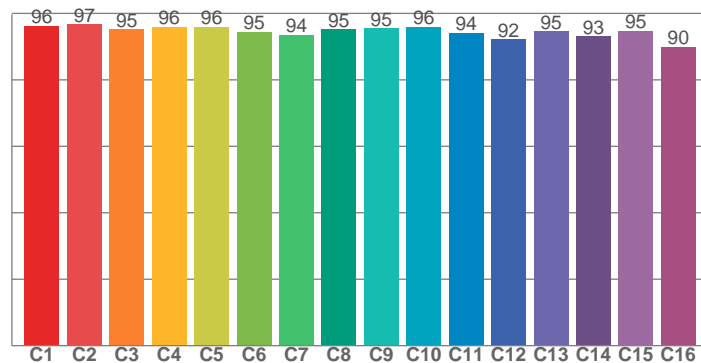
Spectra



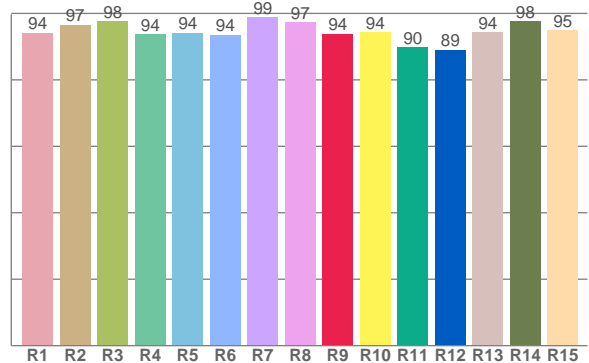
Color details



TM30: 94.9



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	96.6	97.7	93.7	94.2	93.6	98.8	97.4	93.9	94.3	89.8	89.0	94.3	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	96.0	95.9	94.5	93.5	95.1	95.5	95.9	94.2	92.2	94.5	93.1	94.7	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
2925 K	95.8	93.9	94.9	103.5	0.437	0.395	0.255	0.345	0.0036

TM30 details

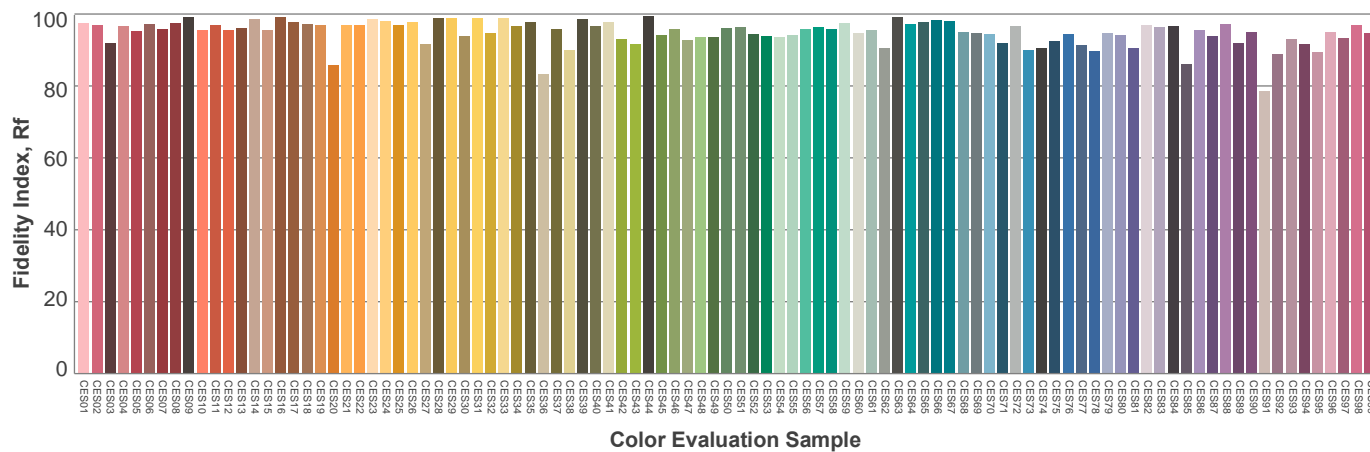
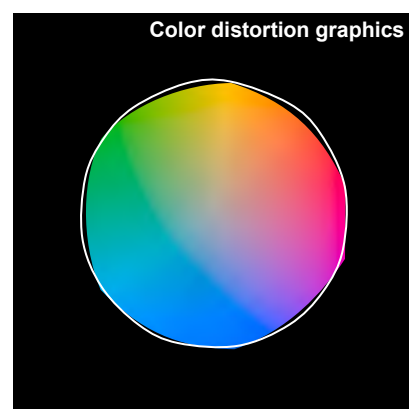
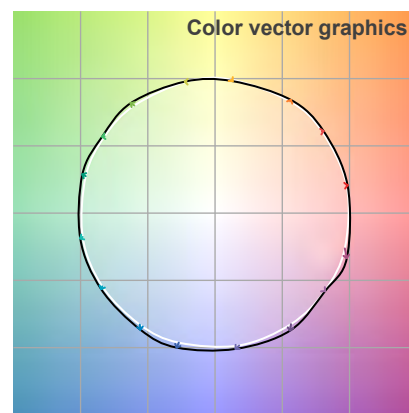
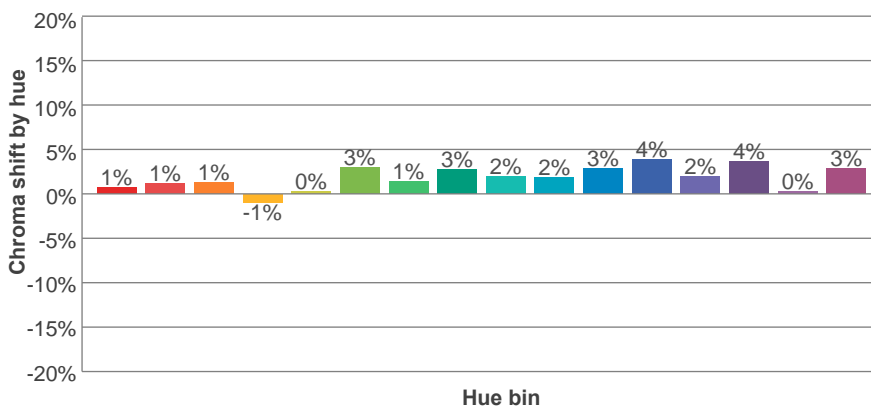
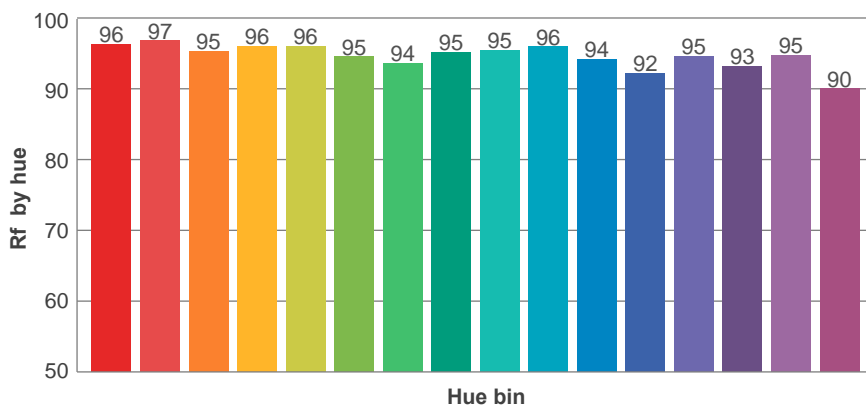
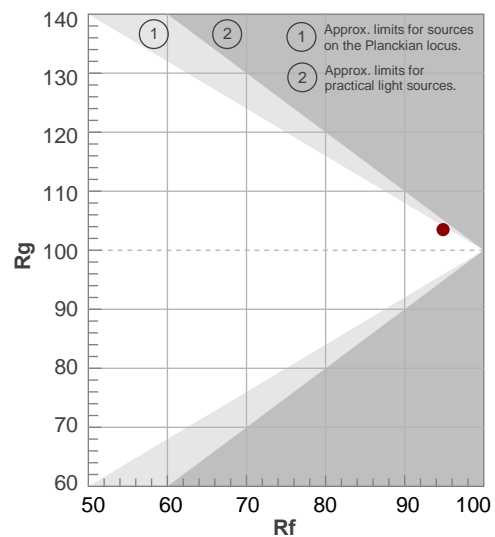
Rf 94.9

Fidelity index R_f

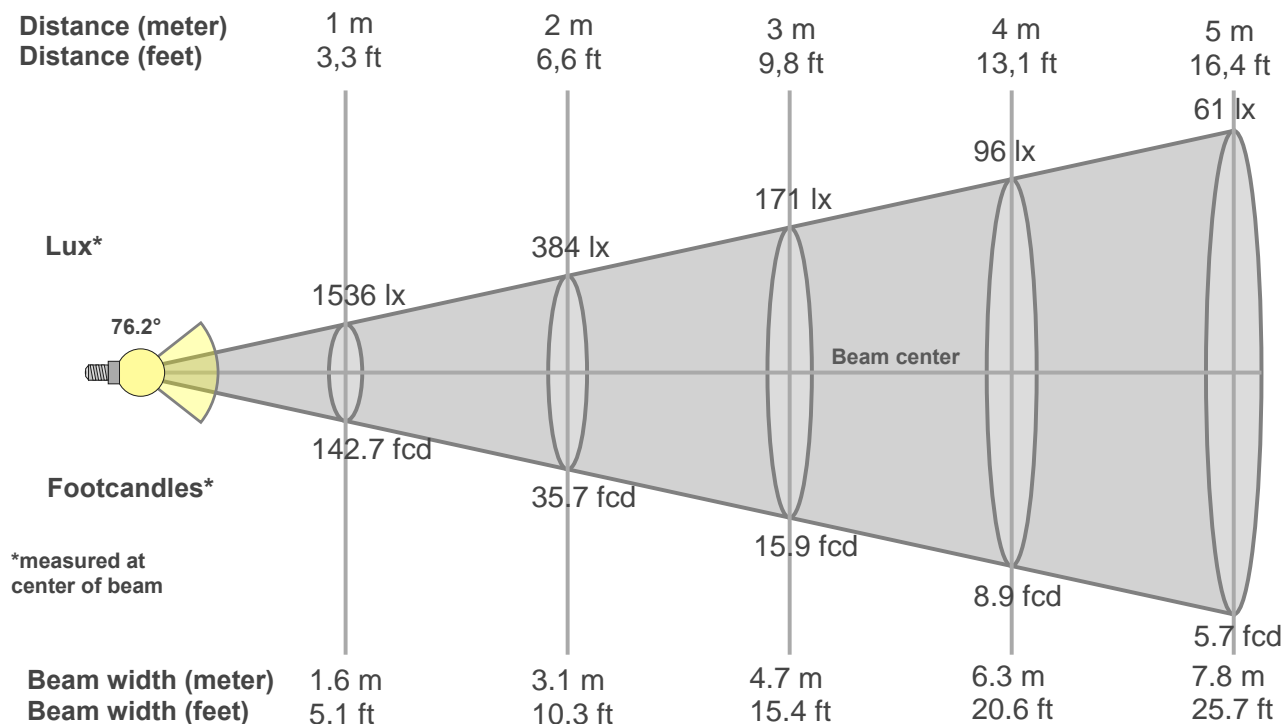
Rg 103.5

Gammut index Rg

		Graphic shifts (%)	
Hue Bin	R_f	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	95	3%	-1%
9	95	2%	1%
10	96	2%	1%
11	94	3%	2%
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
1536lx	384lx	171lx	96lx	61lx	43lx	31lx	24lx	19lx	15lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx
142.7fcd	35.7fcd	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°
1536	1544	1561	1578	1586	1592	1595	1590	1586	1590	1595	1606	1629	1651	1673	1694	1677	1576	1475	1284
100%	101%	102%	103%	103%	104%	104%	104%	103%	103%	104%	105%	106%	107%	109%	110%	109%	103%	96%	84%

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°
1536	1531	1557	1587	1605	1603	1600	1597	1594	1597	1609	1621	1644	1668	1684	1690	1695	1567	1425	1262
100%	100%	101%	103%	104%	104%	104%	104%	104%	104%	105%	106%	107%	109%	110%	110%	110%	102%	93%	82%

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°
1536	1533	1536	1561	1586	1588	1583	1579	1578	1578	1584	1593	1608	1639	1670	1664	1649	1585	1410	1234
100%	100%	100%	102%	103%	103%	103%	103%	103%	103%	103%	104%	105%	107%	109%	108%	107%	103%	92%	80%

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°
1536	1526	1538	1557	1573	1568	1563	1562	1563	1566	1580	1595	1621	1651	1678	1688	1698	1589	1433	1268
100%	99%	100%	101%	102%	102%	102%	102%	102%	102%	103%	104%	105%	107%	109%	110%	111%	103%	93%	83%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
76.2°	88.7°	100.6°	99.2%	96.3%