

Light efficiency:

**53 Lumen/Watt**

Light quality:

**CRI: 96.6**

Color temperature:

**2940 K**

**Output: 1429 lm**

**Peak: 1091 cd**

**Power: 26.8 W**

**PF: 1.0**



Beam angle

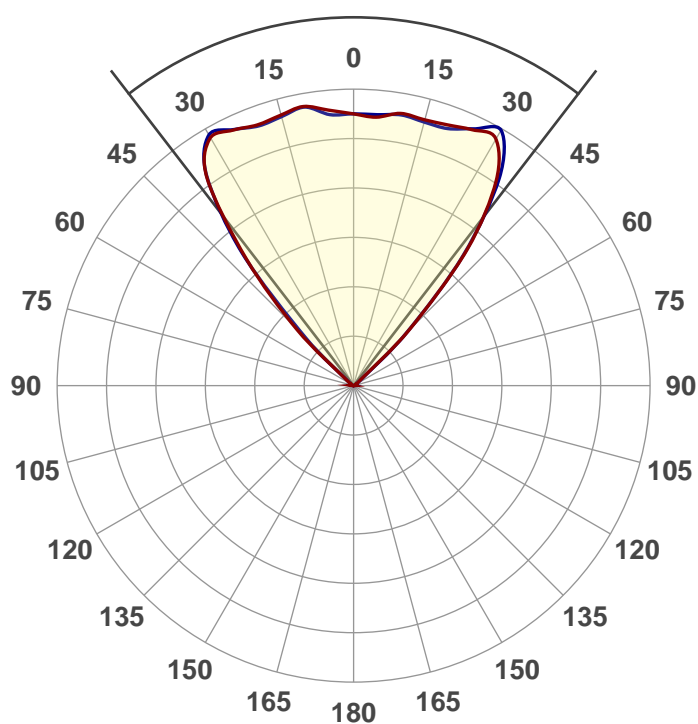
**75.2°**

Product name:

**608QA-6-XTM19-20LM-30K-98-  
UNV-DIM10-WH-S-TCGS**

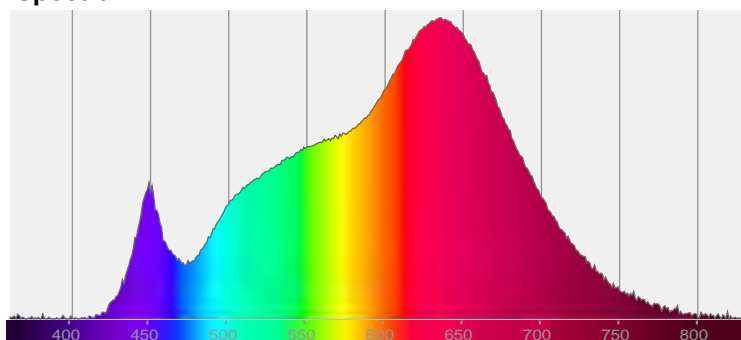
Date and time:

**1/16/2018 2:23:16 PM**

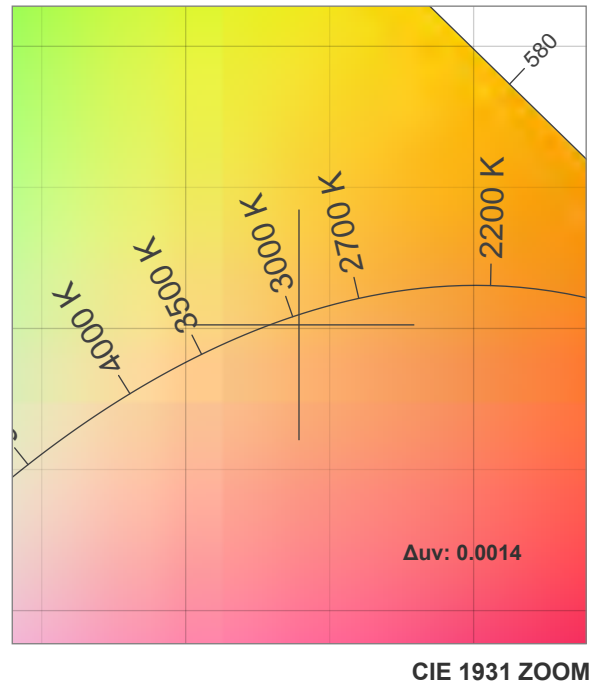
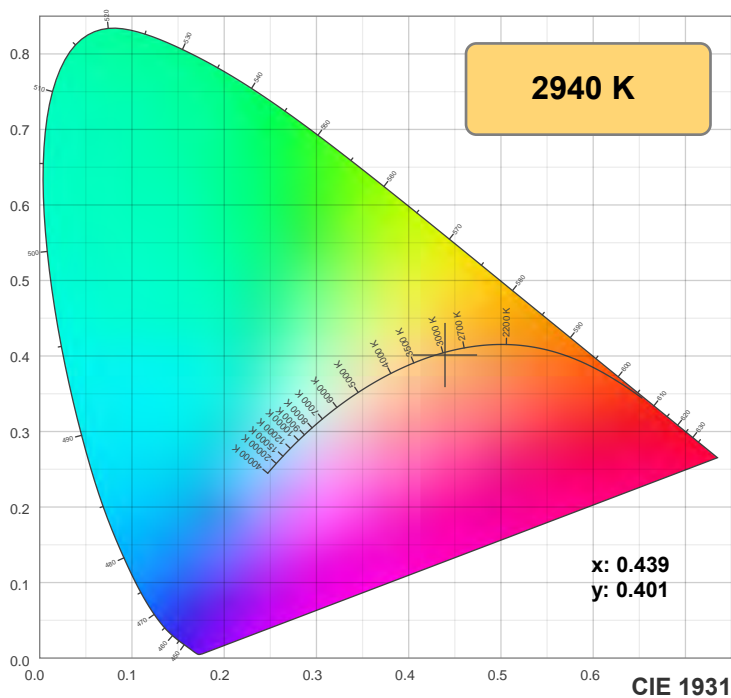


**CIE 1931  
x: 0.439  
y: 0.401**

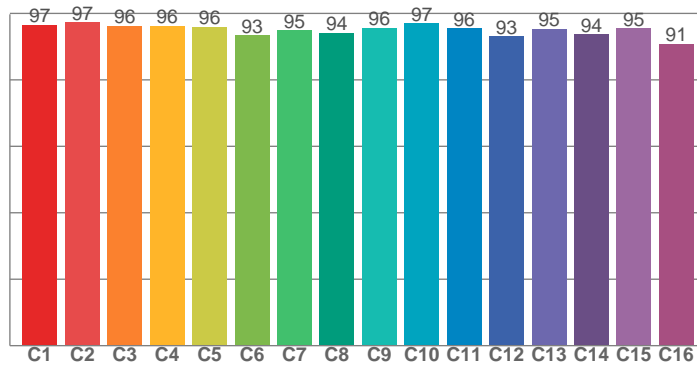
**Spectra**



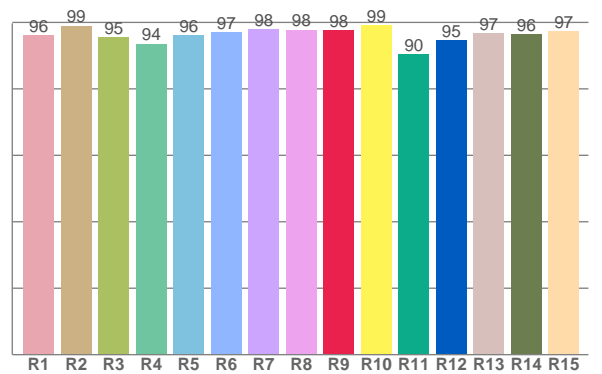
## Color details



TM30: 95.3



CRI: 96.6 (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
96.1	99.0	95.4	93.6	96.2	97.1	98.0	97.8	97.7	99.1	90.3	94.6	96.6	96.4	97.3

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
96.6	97.3	96.3	96.3	96.0	93.3	94.8	94.1	95.6	97.0	95.5	93.1	95.3	93.7	95.4	90.9

## 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	$\Delta uv$
2940 K	96.6	97.7	95.3	103.6	0.439	0.401	0.253	0.347	0.0014

## TM30 details

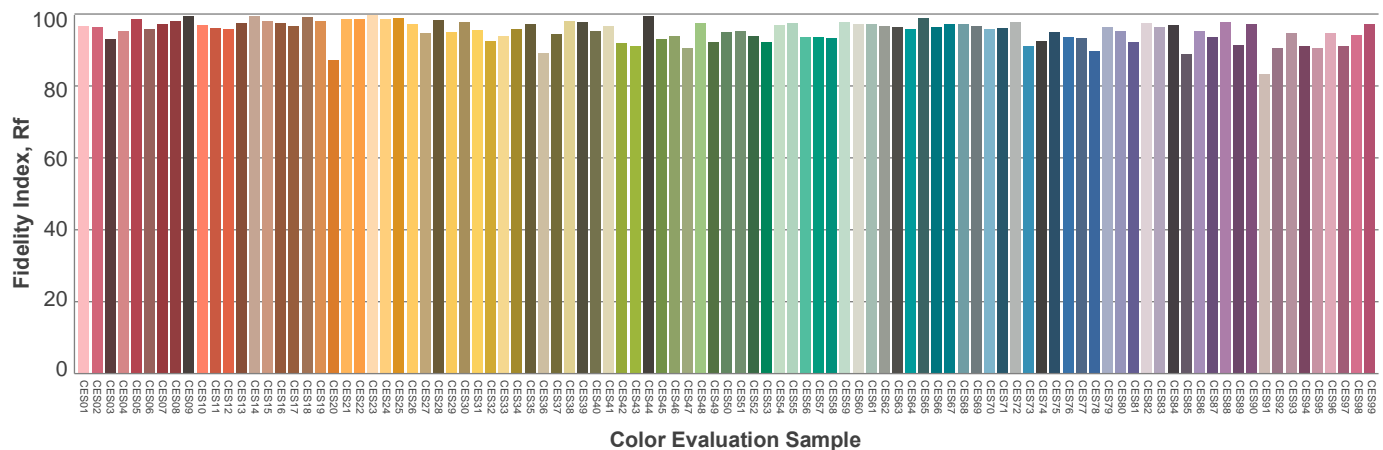
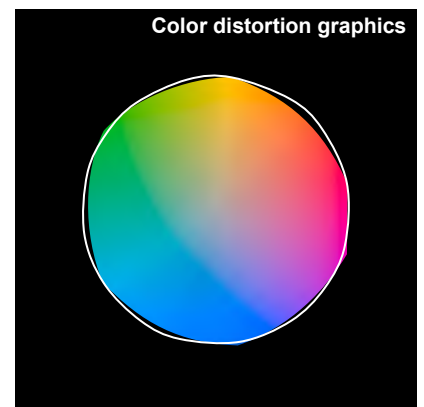
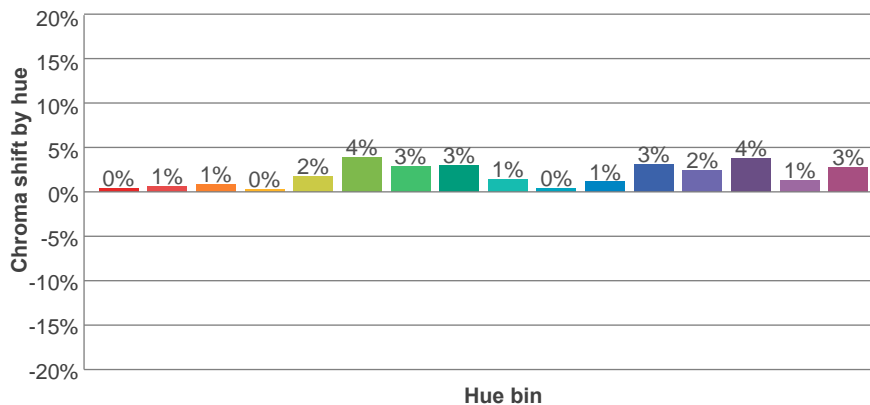
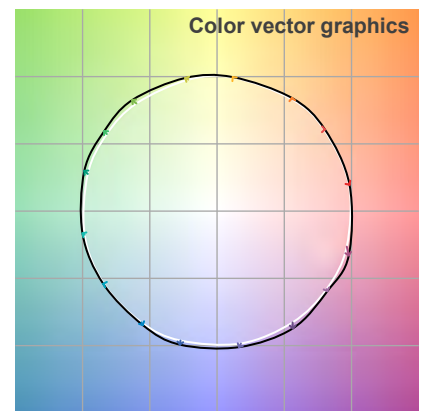
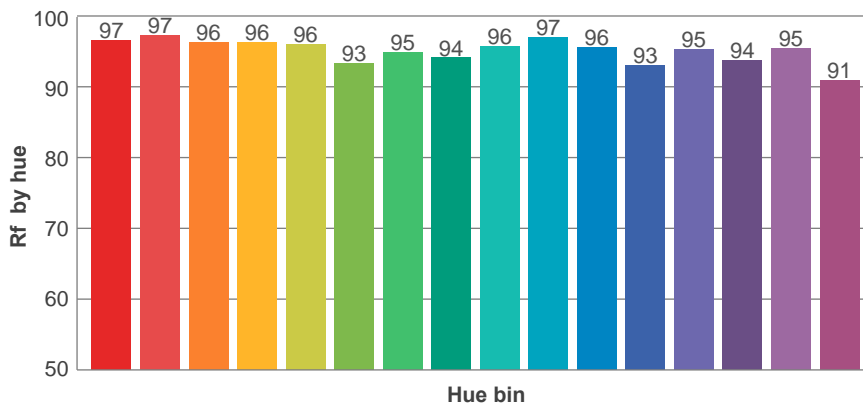
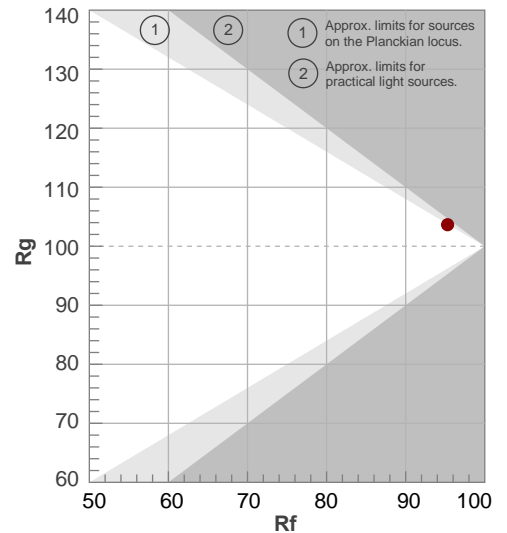
**Rf 95.3**

Fidelity index Rf

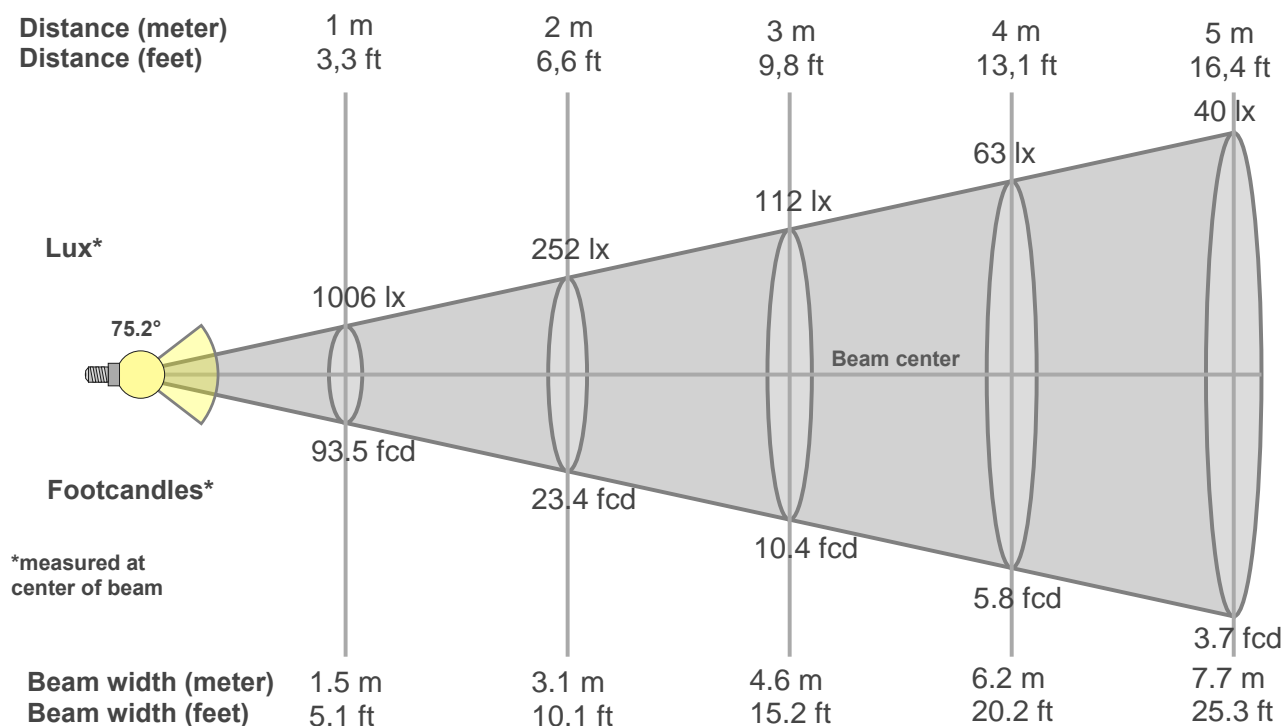
**Rg 103.6**

Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	-1%
2	97	1%	0%
3	96	1%	1%
4	96	0%	0%
5	96	2%	2%
6	93	4%	1%
7	95	3%	-1%
8	94	3%	-2%
9	96	1%	-1%
10	97	0%	-1%
11	96	1%	2%
12	93	3%	0%
13	95	2%	-2%
14	94	4%	-2%
15	95	1%	-1%
16	91	3%	-6%



## 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
1006lx	252lx	112lx	63lx	40lx	28lx	21lx	16lx	12lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	3lx
93.5fcd	23.4fcd	10.4fcd	5.8fcd	3.7fcd	2.6fcd	1.9fcd	1.5fcd	1.2fcd	0.9fcd	0.8fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd

### 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°
1006	1013	1020	1028	1039	1049	1045	1040	1035	1032	1029	1035	1042	1048	1052	1057	1016	969	891	761
100%	101%	101%	102%	103%	104%	104%	103%	103%	103%	102%	103%	104%	104%	105%	105%	101%	96%	89%	76%

### 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°
1006	1006	1007	1015	1031	1047	1040	1034	1029	1026	1023	1033	1042	1051	1061	1071	1022	973	888	766
100%	100%	100%	101%	102%	104%	103%	103%	102%	102%	102%	103%	104%	104%	105%	106%	102%	97%	88%	76%

### 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°
1006	1002	999	1003	1014	1023	1021	1019	1020	1023	1027	1034	1041	1047	1052	1052	999	946	862	755
100%	100%	99%	100%	101%	102%	101%	101%	101%	102%	102%	103%	103%	104%	105%	105%	99%	94%	86%	75%

### 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°
1006	1006	1007	1009	1013	1017	1015	1012	1011	1012	1013	1027	1042	1057	1074	1090	1032	971	882	759
100%	100%	100%	100%	101%	101%	101%	101%	100%	101%	101%	102%	104%	105%	107%	108%	103%	97%	88%	75%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
75.2°	87.3°	104.4°	98.9%	95.6%