

Light efficiency:

**58 Lumen/Watt**

Light quality:

**CRI: 96.3**

Color temperature:

**2923 K**

**Output: 1550 lm**

**Peak: 1190 cd**

**Power: 26.7 W**

**PF: 1.0**



Beam angle

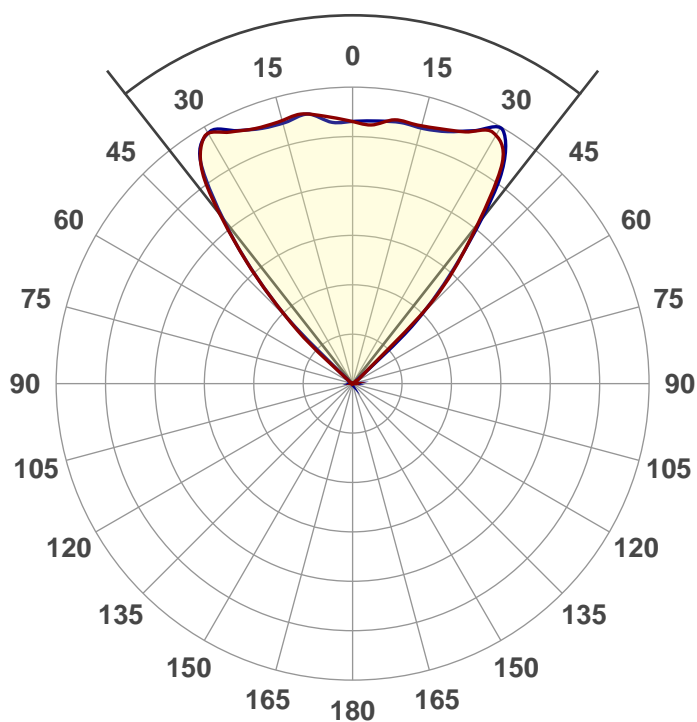
**76.2°**

Product name:

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

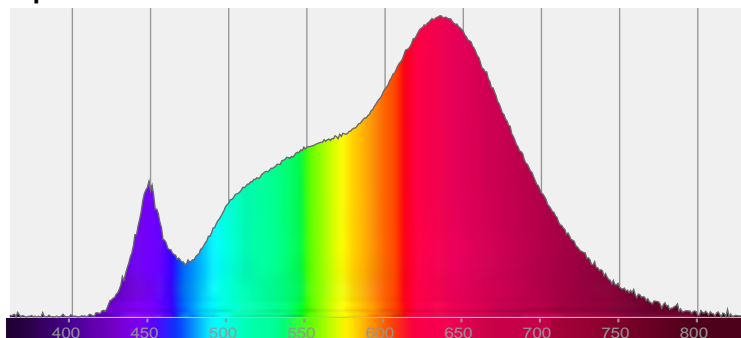
Date and time:

**1/16/2018 2:03:26 PM**

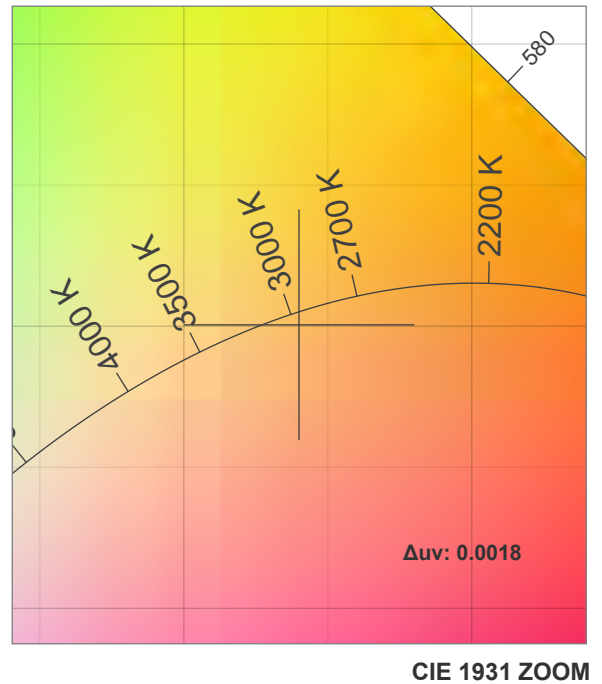
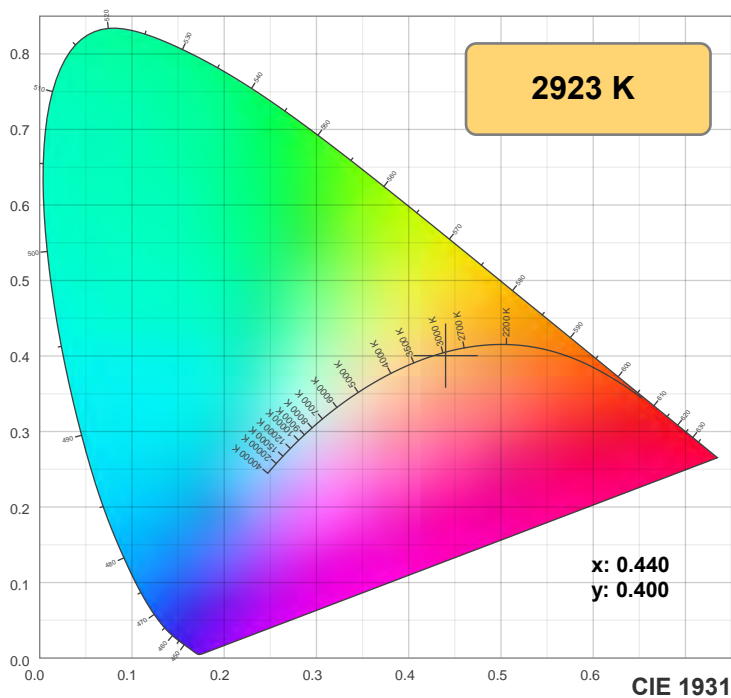


CIE 1931  
x: 0.440  
y: 0.400

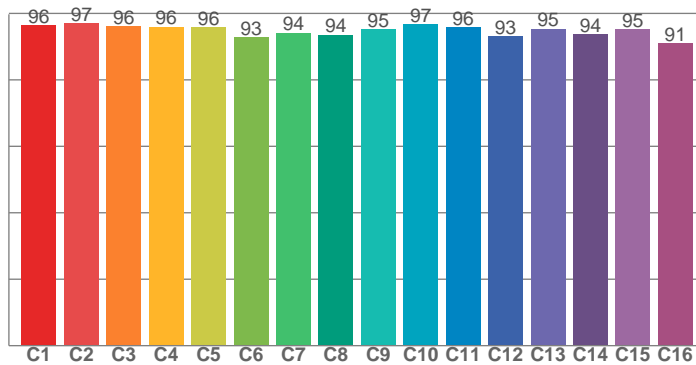
Spectra



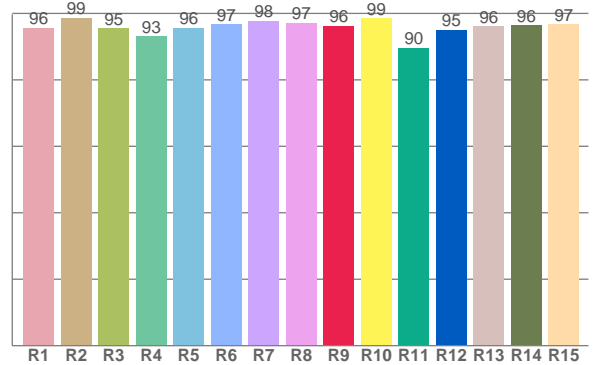
## Color details



**TM30: 95.1**



**CRI: 96.3 (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
95.7	98.7	95.5	93.1	95.7	96.7	97.8	97.2	96.3	98.5	89.7	95.1	96.2	96.4	96.7

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	97.1	96.0	96.0	95.8	92.8	94.1	93.5	95.2	96.7	95.7	93.1	95.3	93.7	95.2	91.0

## 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	$\Delta uv$
2923 K	96.3	96.3	95.1	104.0	0.440	0.400	0.254	0.347	0.0018

## TM30 details

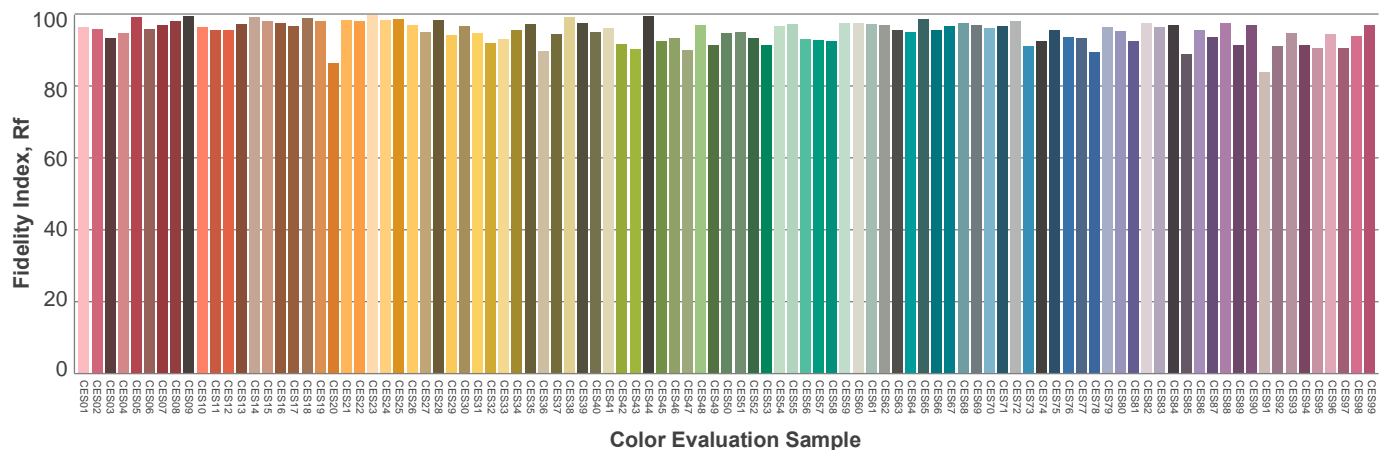
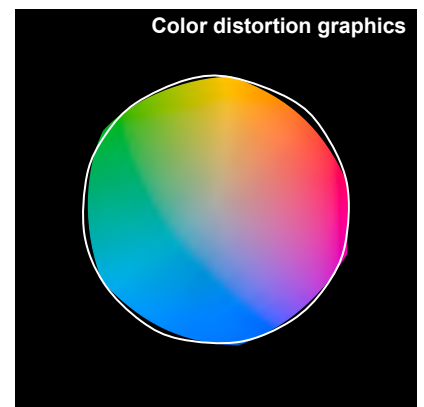
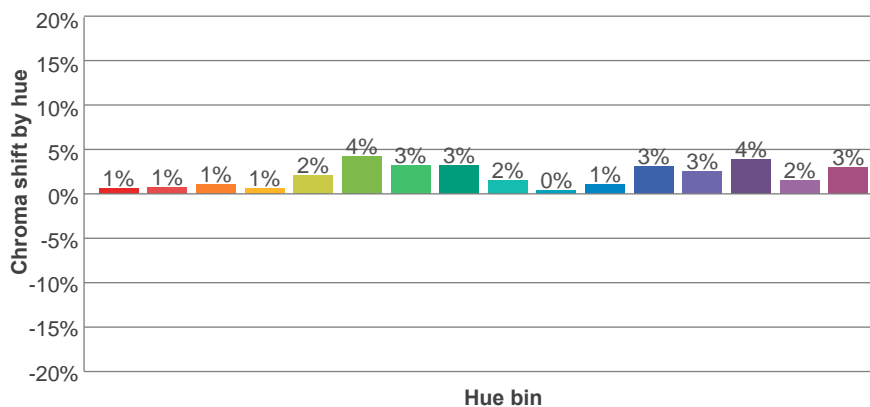
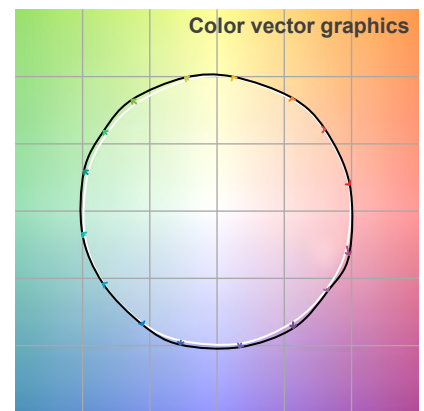
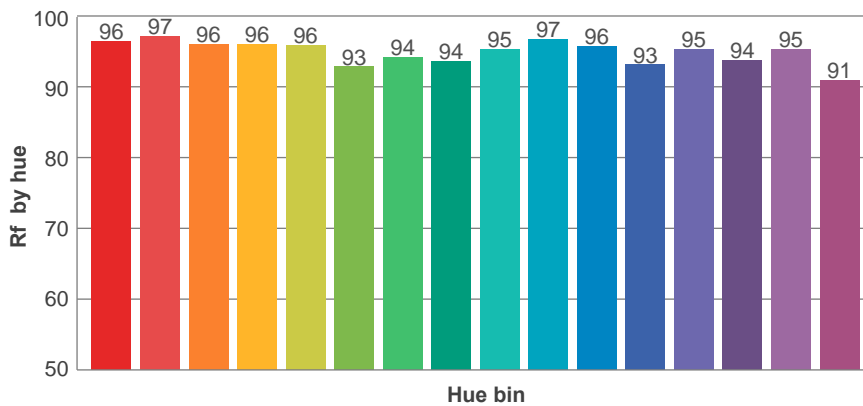
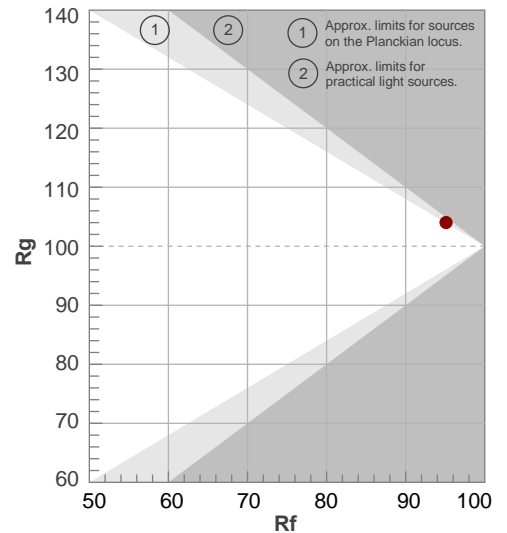
**Rf 95.1**

Fidelity index Rf

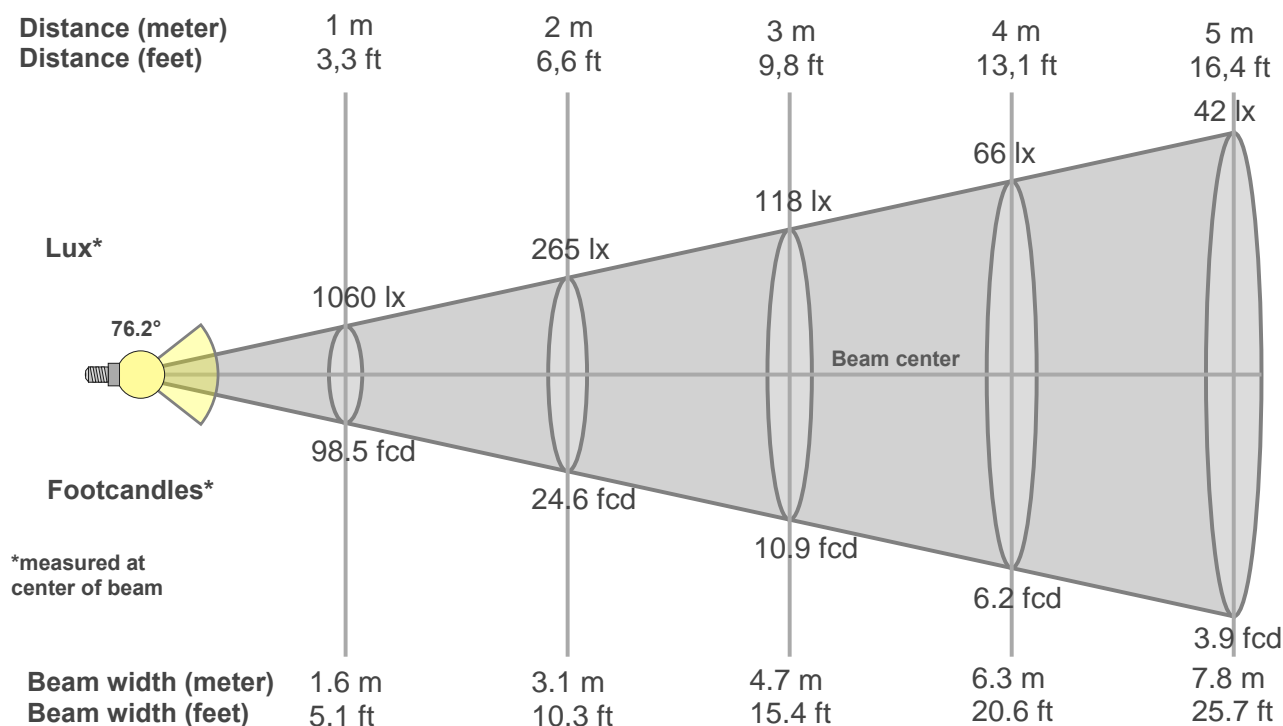
**Rg 104.0**

Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-1%
2	97	1%	0%
3	96	1%	1%
4	96	1%	0%
5	96	2%	2%
6	93	4%	1%
7	94	3%	-1%
8	94	3%	-2%
9	95	2%	-2%
10	97	0%	-1%
11	96	1%	2%
12	93	3%	0%
13	95	3%	-2%
14	94	4%	-2%
15	95	2%	-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
1060lx	265lx	118lx	66lx	42lx	29lx	22lx	17lx	13lx	11lx	9lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx
98.5fcd	24.6fcd	10.9fcd	6.2fcd	3.9fcd	2.7fcd	2fcd	1.5fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	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°
1060	1067	1077	1086	1095	1104	1106	1102	1098	1100	1102	1108	1119	1130	1143	1156	1133	1075	1016	872
100%	101%	102%	102%	103%	104%	104%	104%	104%	104%	104%	105%	106%	107%	108%	109%	107%	101%	96%	82%

### 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°
1060	1059	1058	1072	1090	1102	1096	1090	1090	1092	1097	1108	1120	1137	1156	1161	1126	1091	984	854
100%	100%	100%	101%	103%	104%	103%	103%	103%	103%	103%	105%	106%	107%	109%	109%	106%	103%	93%	81%

### 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°
1060	1053	1047	1059	1072	1078	1077	1076	1081	1086	1093	1103	1113	1132	1151	1147	1113	1079	957	829
100%	99%	99%	100%	101%	102%	102%	102%	102%	102%	103%	104%	105%	107%	109%	108%	105%	102%	90%	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°
1060	1061	1064	1066	1069	1071	1071	1070	1070	1078	1085	1100	1118	1137	1160	1182	1144	1076	995	853
100%	100%	100%	101%	101%	101%	101%	101%	101%	102%	102%	104%	105%	107%	109%	112%	108%	101%	94%	80%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
76.2°	88.6°	100.1°	99.3%	96.2%