

Light efficiency:

47 Lumen/Watt

Light quality:

CRI: 96.6

Color temperature:

2966 K

Output: 1839 lm

Peak: 1073 cd

Power: 39.3 W

PF: 1.0



Beam angle

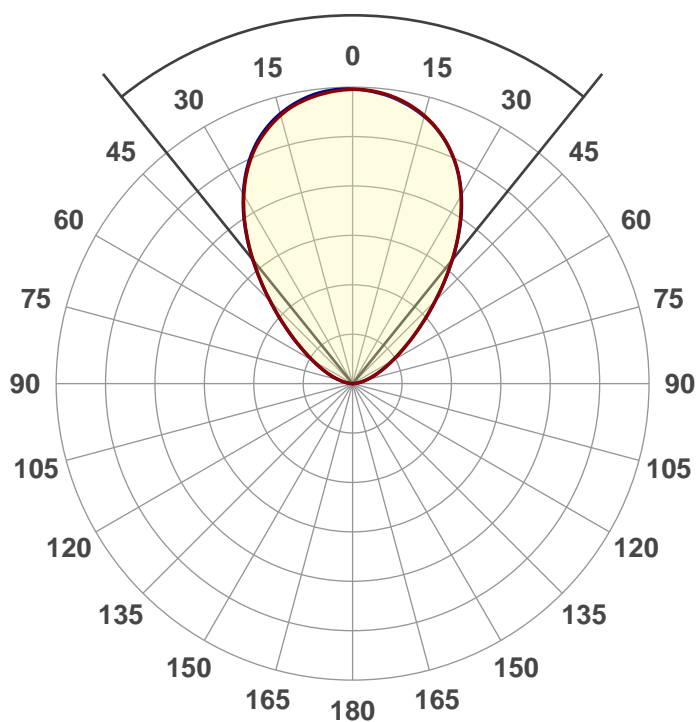
77.7°

Product name:

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

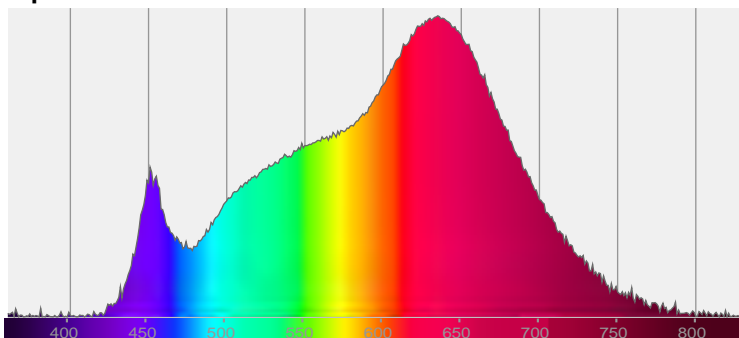
Date and time:

1/19/2018 9:56:10 AM

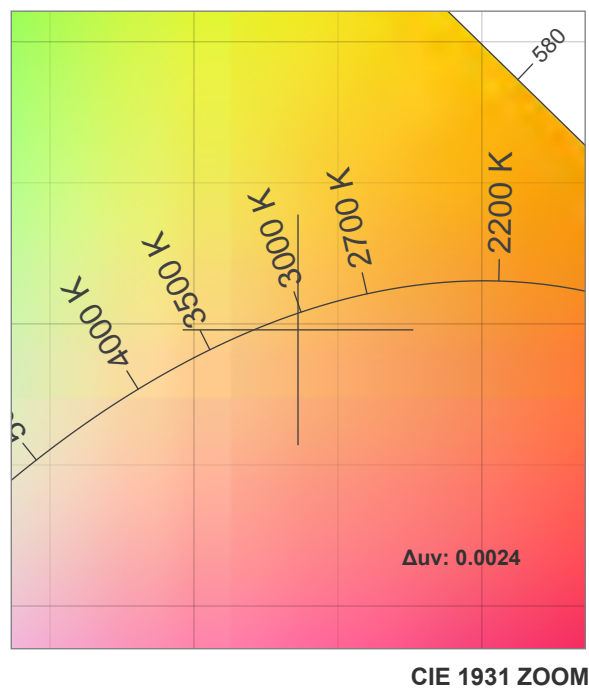
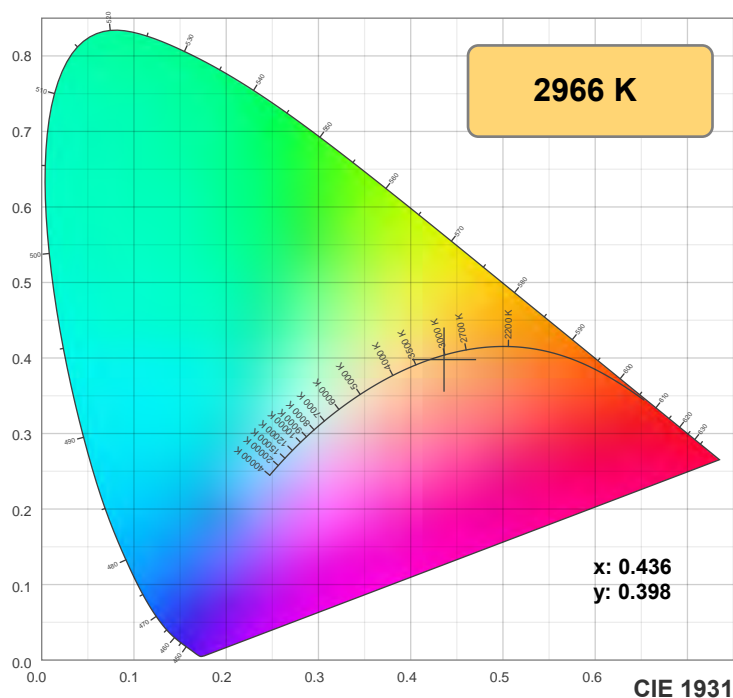


CIE 1931  
x: 0.436  
y: 0.398

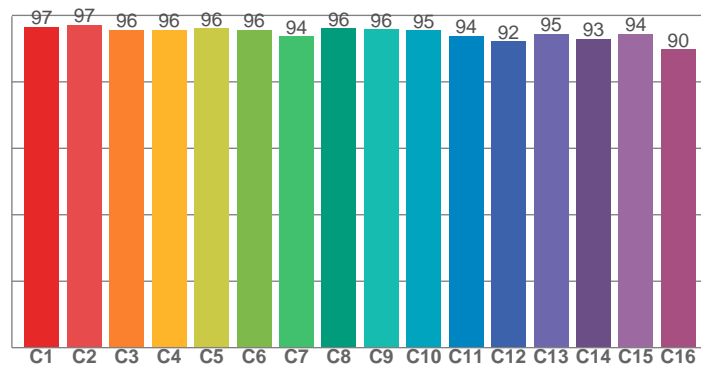
Spectra



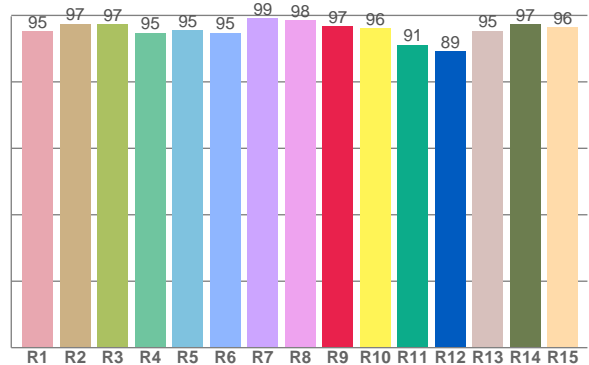
## Color details



**TM30: 94.9**



**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
95.2	97.5	97.4	94.7	95.4	94.8	99.1	98.4	96.7	96.2	91.1	89.1	95.4	97.4	96.3

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
96.5	97.1	95.7	95.6	96.2	95.6	93.6	96.0	95.8	95.4	93.8	92.2	94.5	93.0	94.5	89.8

## 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	$\Delta uv$
2966 K	96.6	96.7	94.9	102.6	0.436	0.398	0.253	0.346	0.0024

## TM30 details

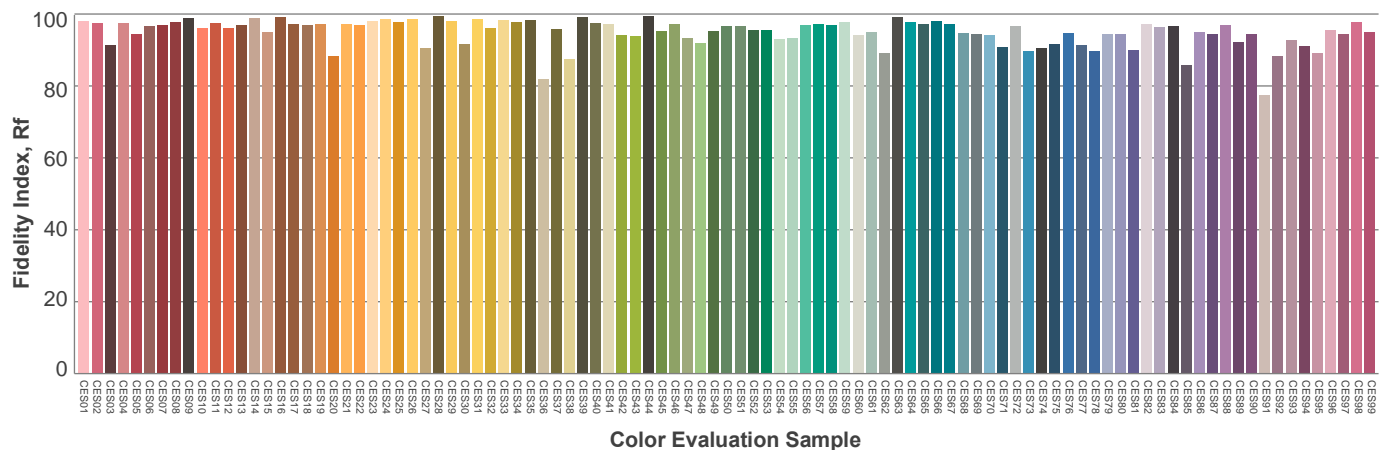
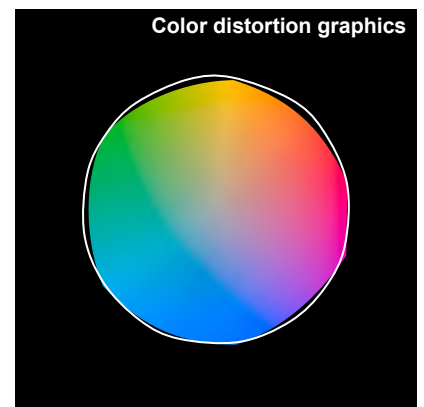
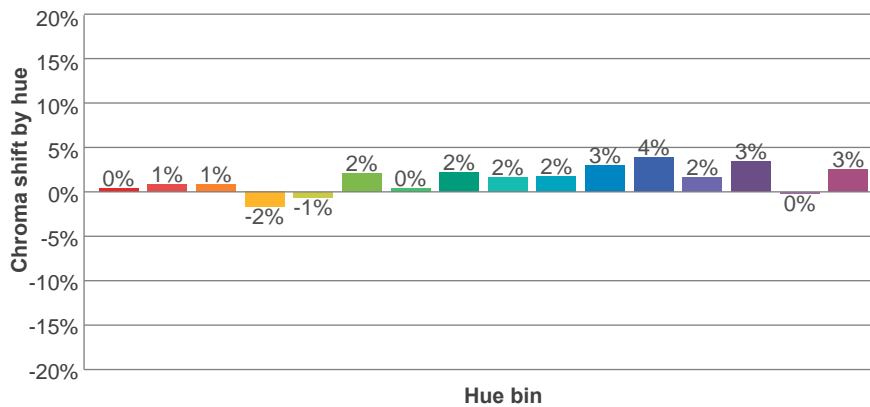
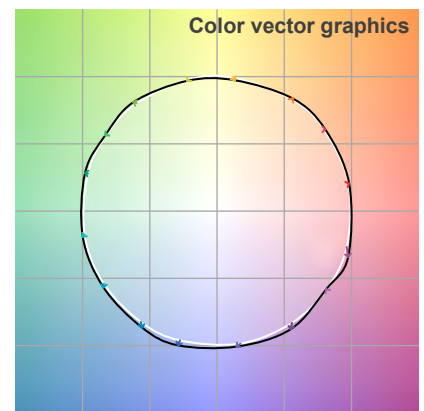
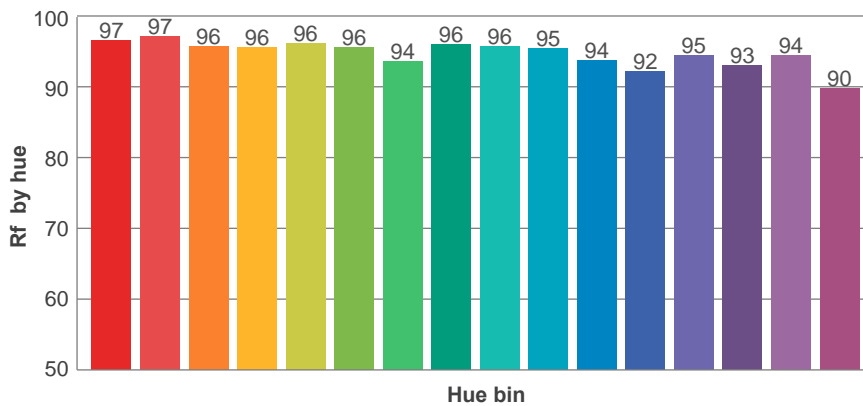
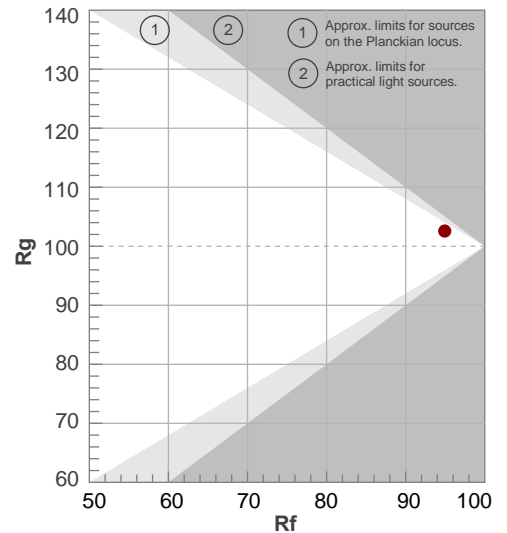
**Rf 94.9**

Fidelity index Rf

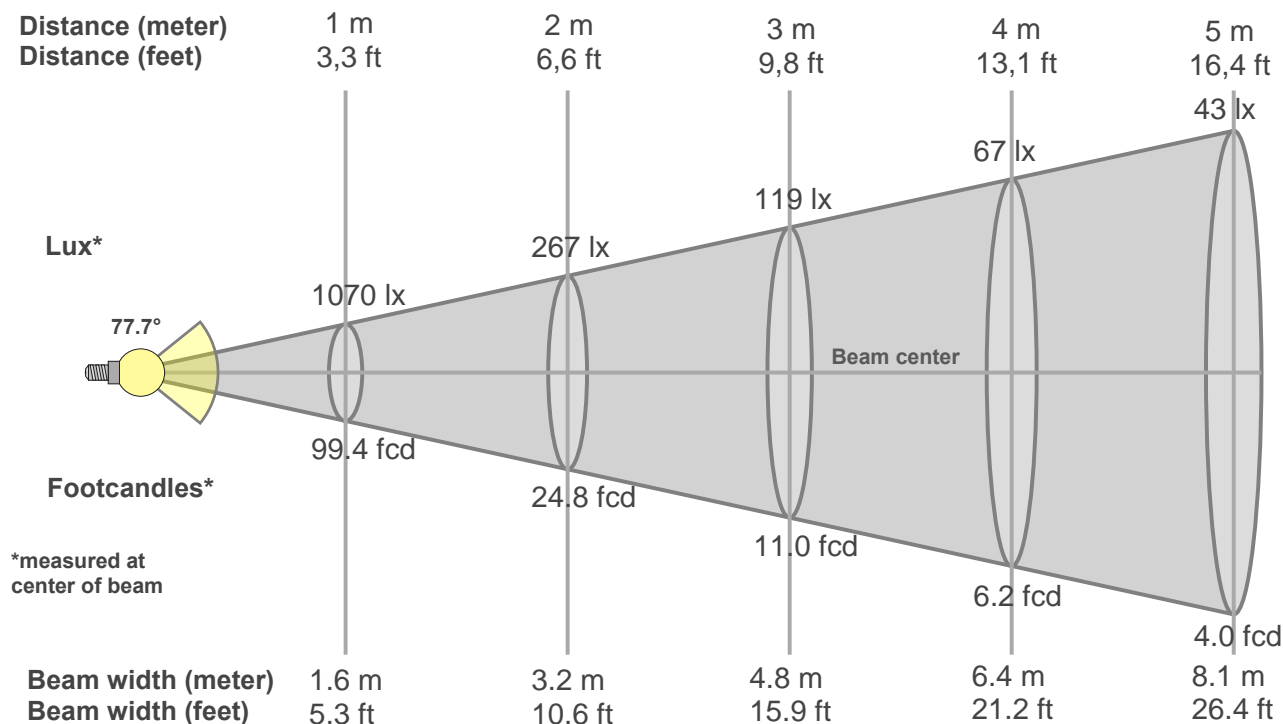
**Rg 102.6**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	1%	0%
4	96	-2%	-2%
5	96	-1%	1%
6	96	2%	1%
7	94	0%	2%
8	96	2%	0%
9	96	2%	1%
10	95	2%	2%
11	94	3%	3%
12	92	4%	-1%
13	95	2%	-3%
14	93	3%	-3%
15	94	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
1070lx	267lx	119lx	67lx	43lx	30lx	22lx	17lx	13lx	11lx	9lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx
99.4fcd	24.8fcd	11fcd	6.2fcd	4fcd	2.8fcd	2fcd	1.6fcd	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°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1070	1063	1043	1010	958	885	790	675	549	426	319	233	168	118	80	50	26	9	1	0
100%	99%	98%	94%	90%	83%	74%	63%	51%	40%	30%	22%	16%	11%	8%	5%	2%	1%	0%	0%

### Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1070	1068	1050	1016	964	891	794	678	550	427	321	235	169	120	81	50	27	10	1	0
100%	100%	98%	95%	90%	83%	74%	63%	51%	40%	30%	22%	16%	11%	8%	5%	3%	1%	0%	0%

### Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1070	1064	1044	1009	957	884	788	673	549	428	321	236	171	121	83	52	28	11	0	0
100%	99%	98%	94%	89%	83%	74%	63%	51%	40%	30%	22%	16%	11%	8%	5%	3%	1%	0%	0%

### Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1070	1062	1040	1006	955	883	790	675	550	428	321	235	169	118	80	50	27	10	0	0
100%	99%	97%	94%	89%	83%	74%	63%	51%	40%	30%	22%	16%	11%	7%	5%	2%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
77.7°	130.6°	159.5°	90.6%	73.1%