

Light efficiency:

77 Lumen/Watt

Light quality:

CRI: 79.3

Color temperature:

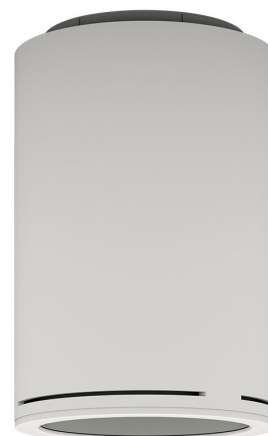
2932 K

Output: 3949 lm

Peak: 7526 cd

Power: 51.5 W

PF: 1.0



Beam angle

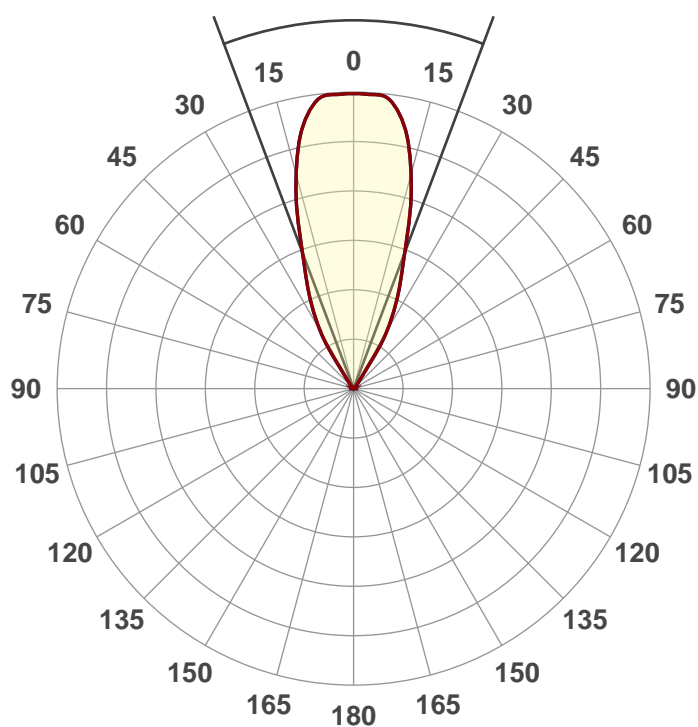
41.2°

Product name:

608RA-6-XTM19-50LM-30K-83-  
SA40-UNV-DIM10-MC-S-CRO

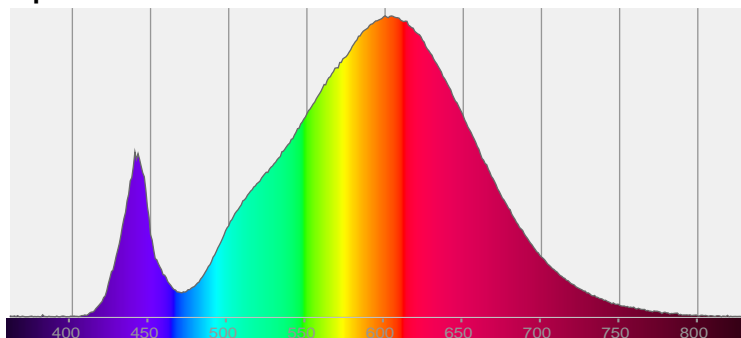
Date and time:

12/7/2017 1:58:38 PM

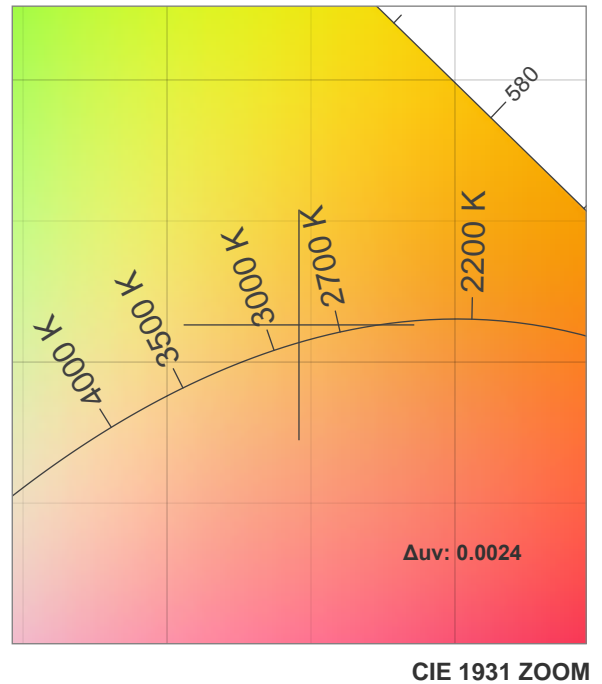
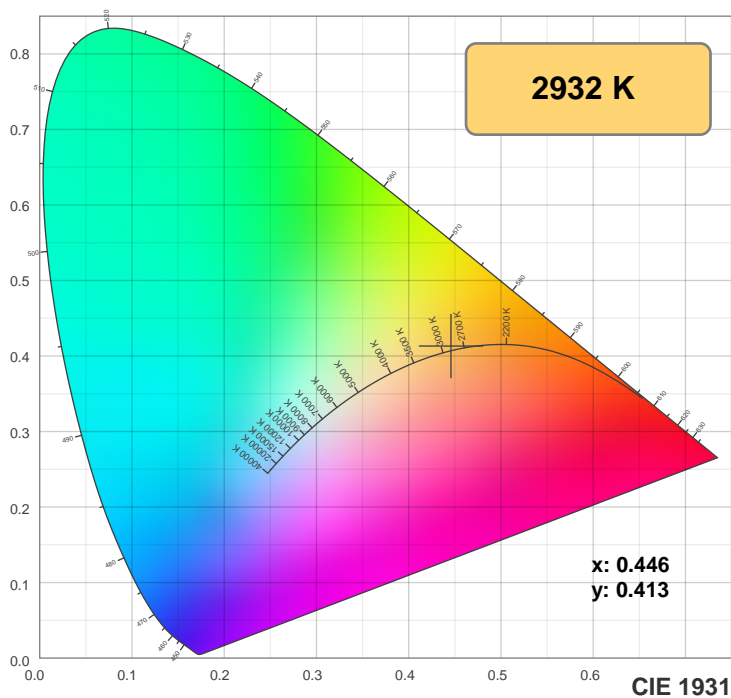


CIE 1931  
x: 0.446  
y: 0.413

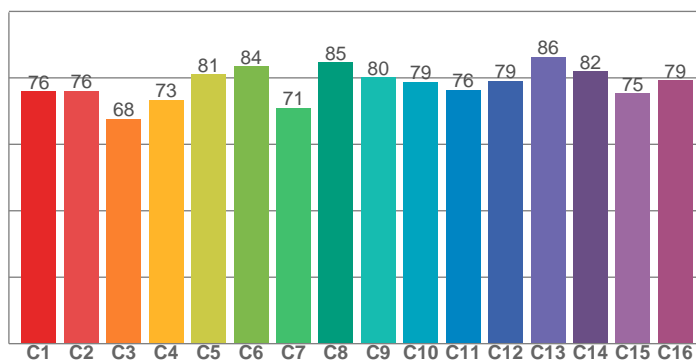
Spectra



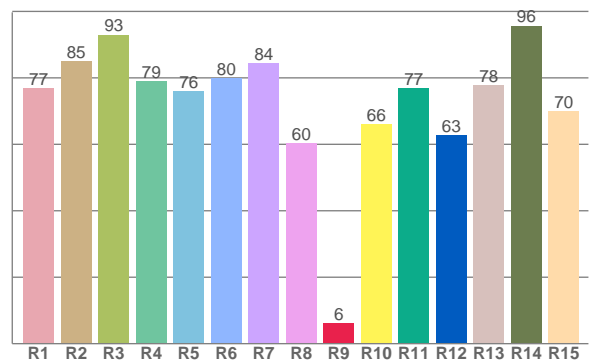
## Color details



TM30: 77.9



CRI: 79.3 (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
76.8	85.0	93.0	79.1	76.0	80.0	84.3	60.4	6.2	66.0	77.0	62.7	77.8	95.7	70.0

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
76.0	76.0	67.7	73.4	81.0	83.5	71.0	84.7	80.1	78.8	76.4	79.1	86.3	81.9	75.3	79.2

## 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
2932 K	79.3	6.2	77.9	98.3	0.446	0.413	0.252	0.351	0.0024

## TM30 details

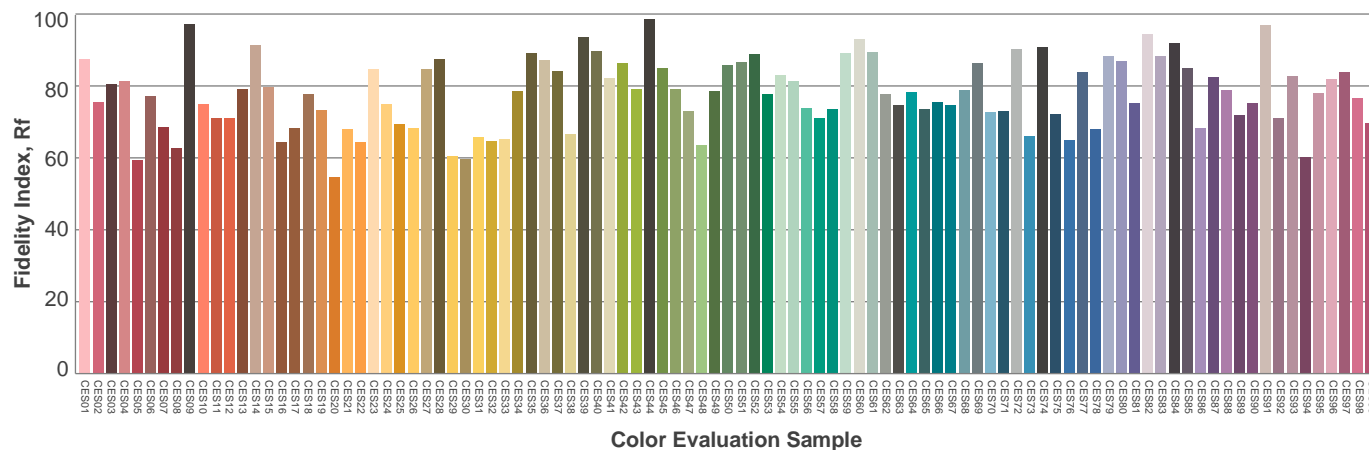
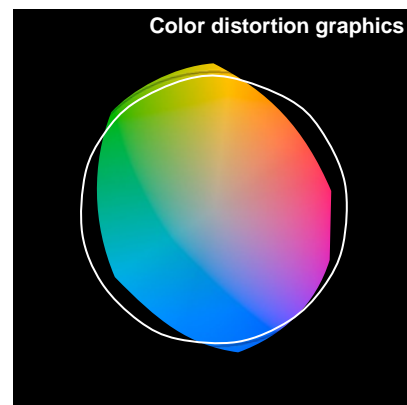
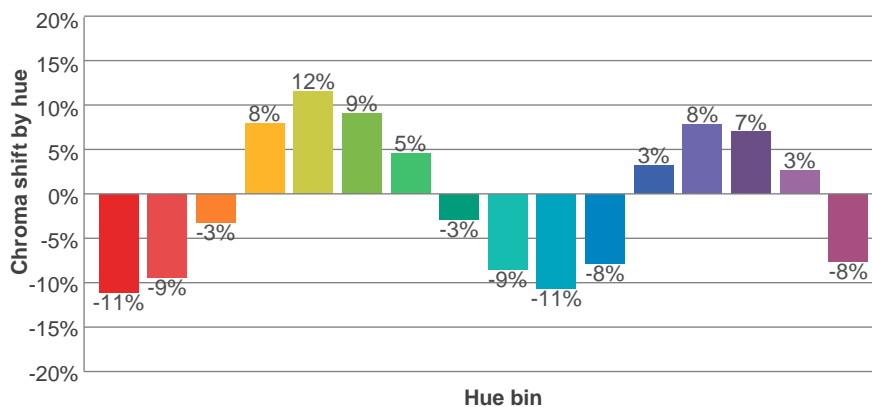
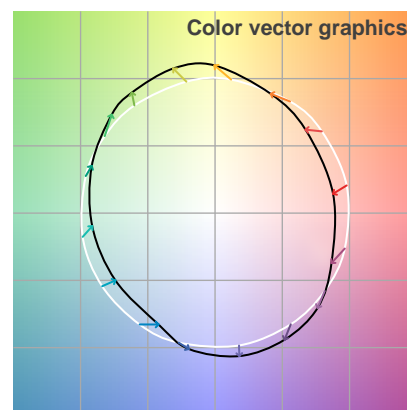
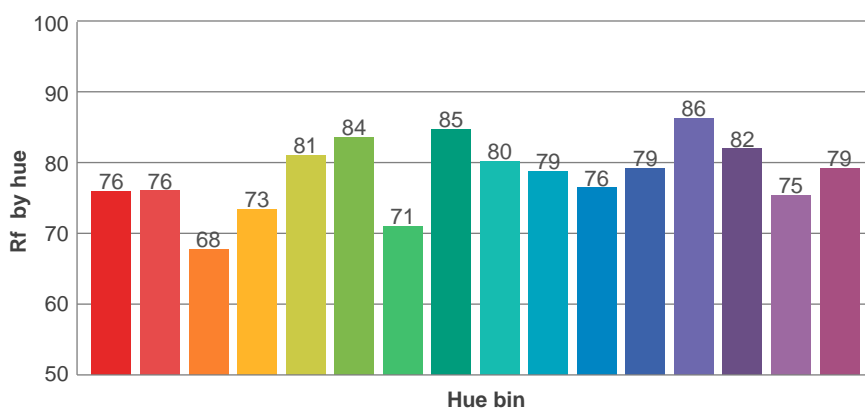
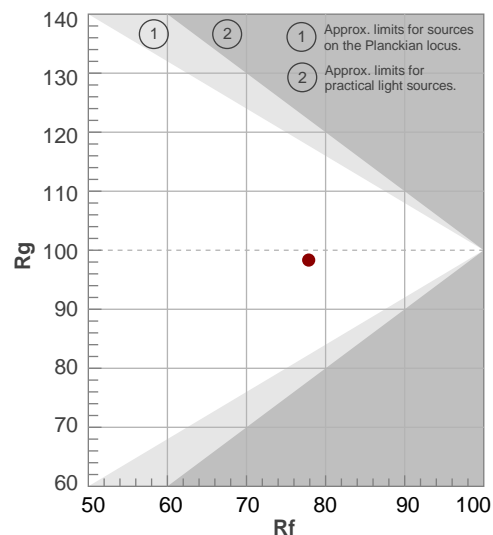
**Rf 77.9**

Fidelity index Rf

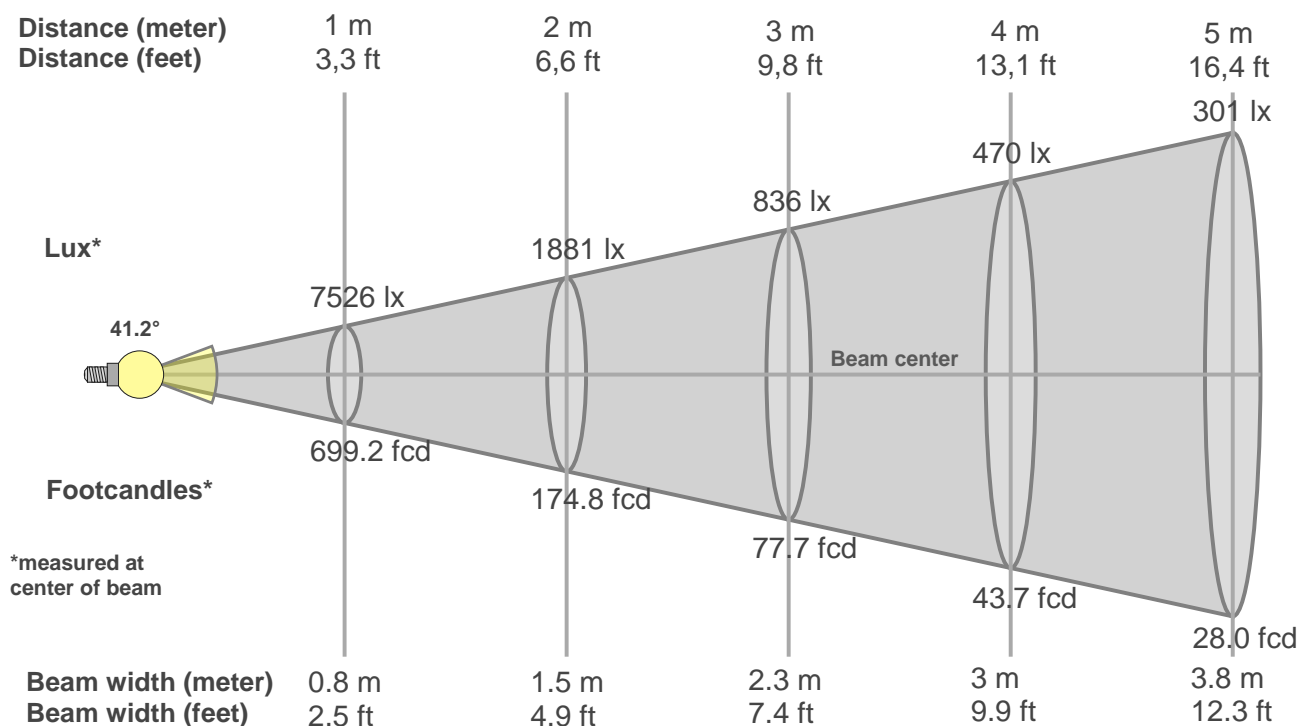
**Rg 98.3**

Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	76	-11%	-4%
2	76	-9%	8%
3	68	-3%	15%
4	73	8%	14%
5	81	12%	8%
6	84	9%	-4%
7	71	5%	-16%
8	85	-3%	-8%
9	80	-9%	-6%
10	79	-11%	2%
11	76	-8%	12%
12	79	3%	8%
13	86	8%	-1%
14	82	7%	-10%
15	75	3%	-13%
16	79	-8%	-13%



## 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
7526lx	1881lx	836lx	470lx	301lx	209lx	154lx	118lx	93lx	75lx	62lx	52lx	45lx	38lx	33lx	29lx	26lx	23lx	21lx	19lx
699.2fcd	174.8fcd	77.7fcd	43.7fcd	28fcd	19.4fcd	14.3fcd	10.9fcd	8.6fcd	7fcd	5.8fcd	4.9fcd	4.1fcd	3.6fcd	3.1fcd	2.7fcd	2.4fcd	2.2fcd	1.9fcd	1.7fcd

### 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°
7526	7526	7494	7454	7283	6933	6573	5950	5327	4662	3975	3357	2935	2513	2099	1686	1226	717	251	151
100%	100%	100%	99%	97%	92%	87%	79%	71%	62%	53%	45%	39%	33%	28%	22%	16%	10%	3%	2%

### 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°
7526	7526	7494	7454	7283	6933	6573	5950	5327	4662	3975	3357	2935	2513	2099	1686	1226	717	251	151
100%	100%	100%	99%	97%	92%	87%	79%	71%	62%	53%	45%	39%	33%	28%	22%	16%	10%	3%	2%

### 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°
7526	7526	7494	7454	7283	6933	6573	5950	5327	4662	3975	3357	2935	2513	2099	1686	1226	717	251	151
100%	100%	100%	99%	97%	92%	87%	79%	71%	62%	53%	45%	39%	33%	28%	22%	16%	10%	3%	2%

### 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°
7526	7526	7494	7454	7283	6933	6573	5950	5327	4662	3975	3357	2935	2513	2099	1686	1226	717	251	151
100%	100%	100%	99%	97%	92%	87%	79%	71%	62%	53%	45%	39%	33%	28%	22%	16%	10%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
41.2°	67.7°	74.5°	98.2%	97.5%