

Light efficiency:

66 Lumen/Watt

Light quality:

CRI: 79.5

Color temperature:

2955 K

Output: 3015 lm

Peak: 2288 cd

Power: 45.9 W

PF: 1.0



Beam angle

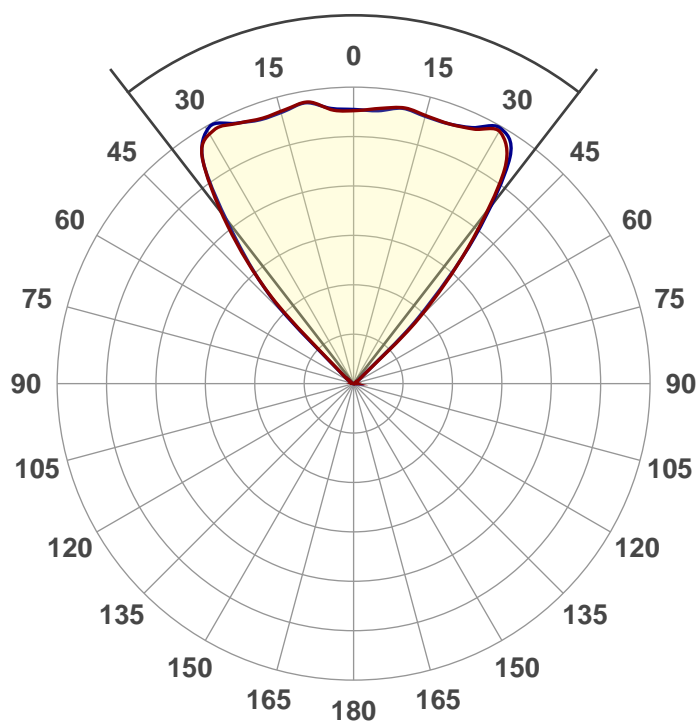
75.5°

Product name:

**608QA-6-XTM19-40LM-30K-83-
UNV-DIM10-WH-TCGS**

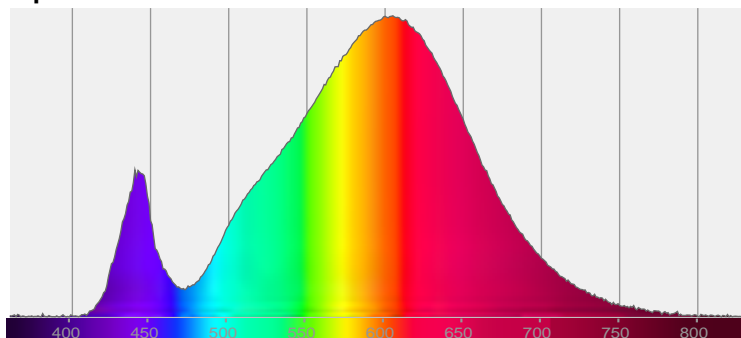
Date and time:

1/16/2018 9:24:01 AM

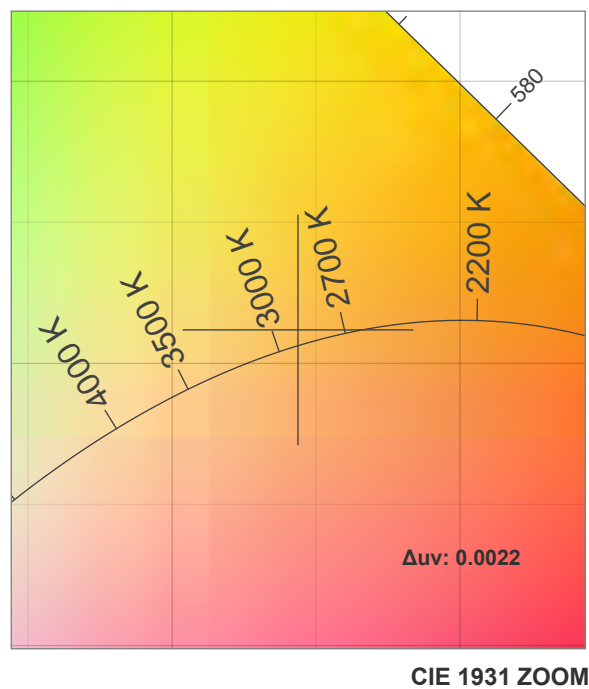
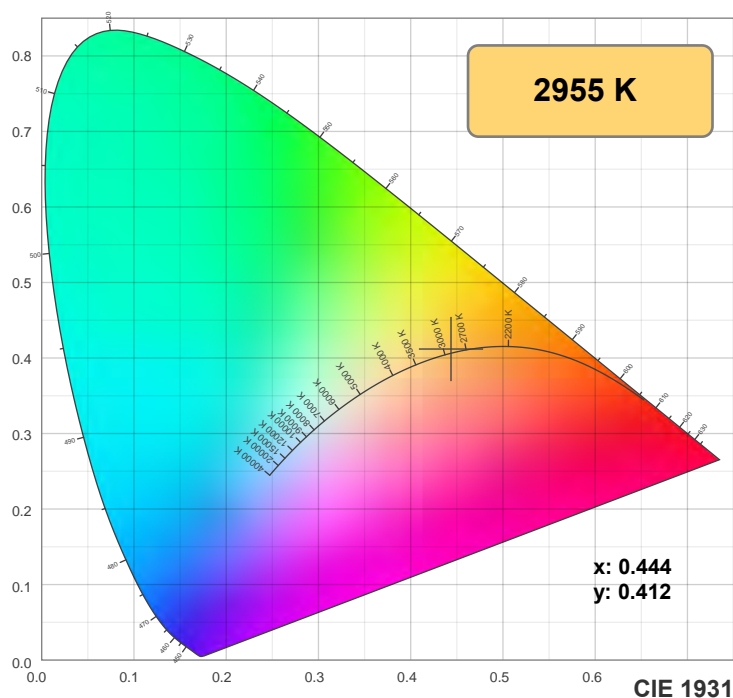


**CIE 1931
x: 0.444
y: 0.412**

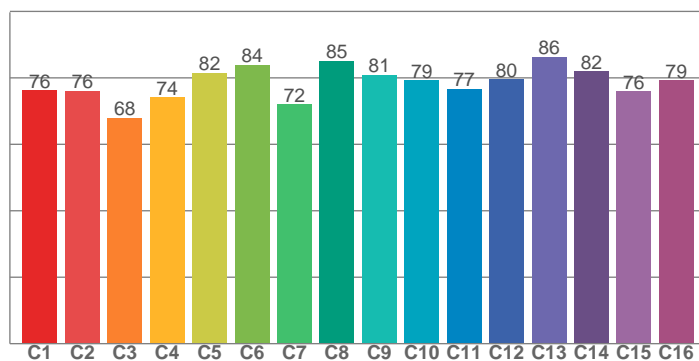
Spectra



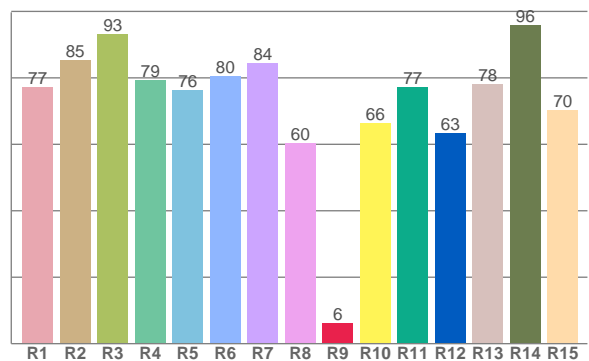
Color details



TM30: 78.2



CRI: 79.5 (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
77.1	85.2	93.2	79.2	76.3	80.4	84.4	60.4	6.2	66.4	77.1	63.4	78.1	95.8	70.2

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
76.2	76.1	67.9	74.2	81.5	83.9	72.1	85.1	80.9	79.2	76.7	79.5	86.4	81.9	75.9	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
2955 K	79.5	6.2	78.2	98.2	0.444	0.412	0.252	0.350	0.0022

TM30 details

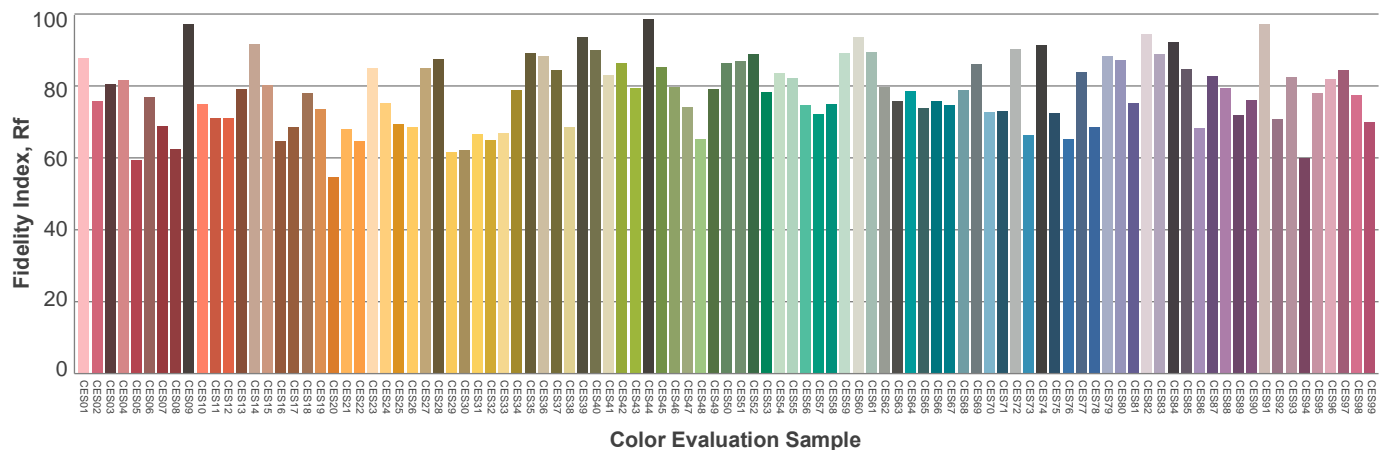
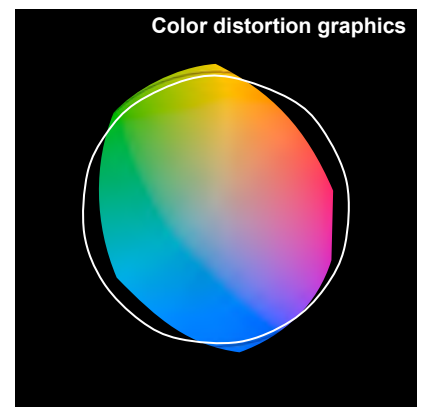
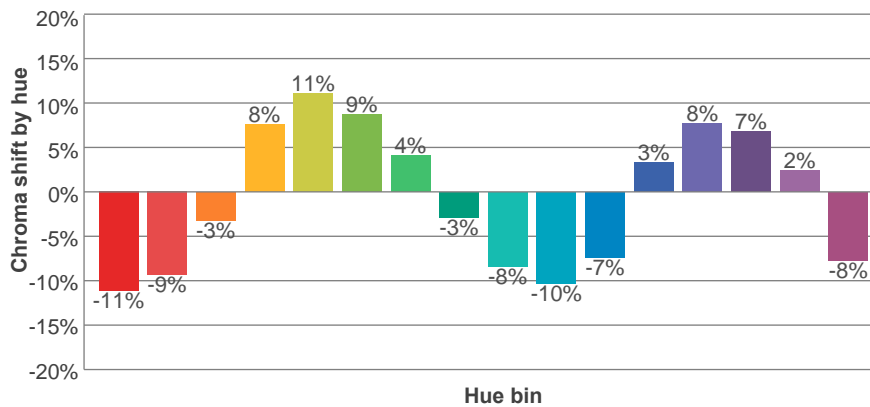
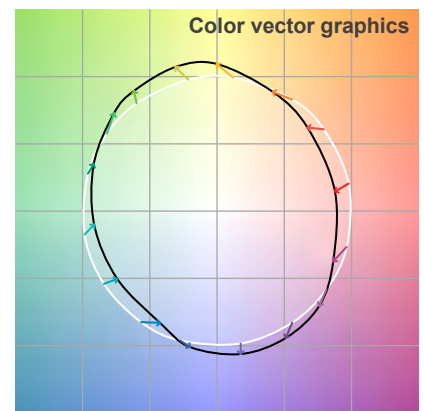
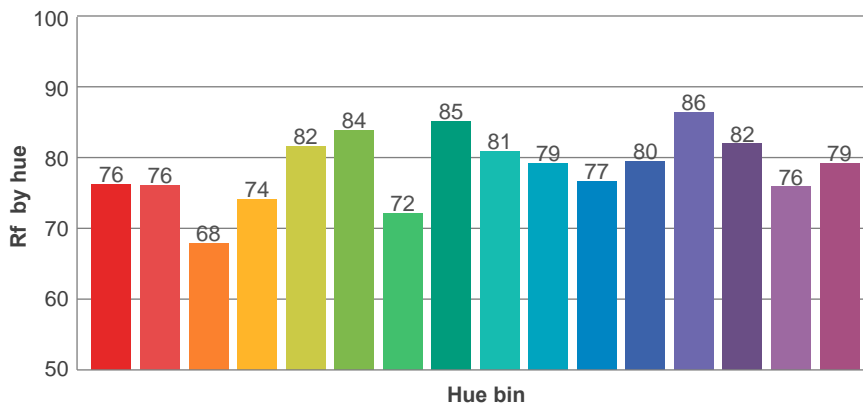
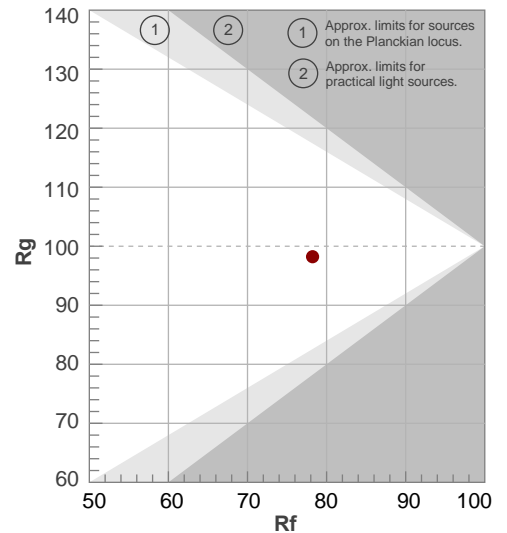
Rf 78.2

Fidelity index Rf

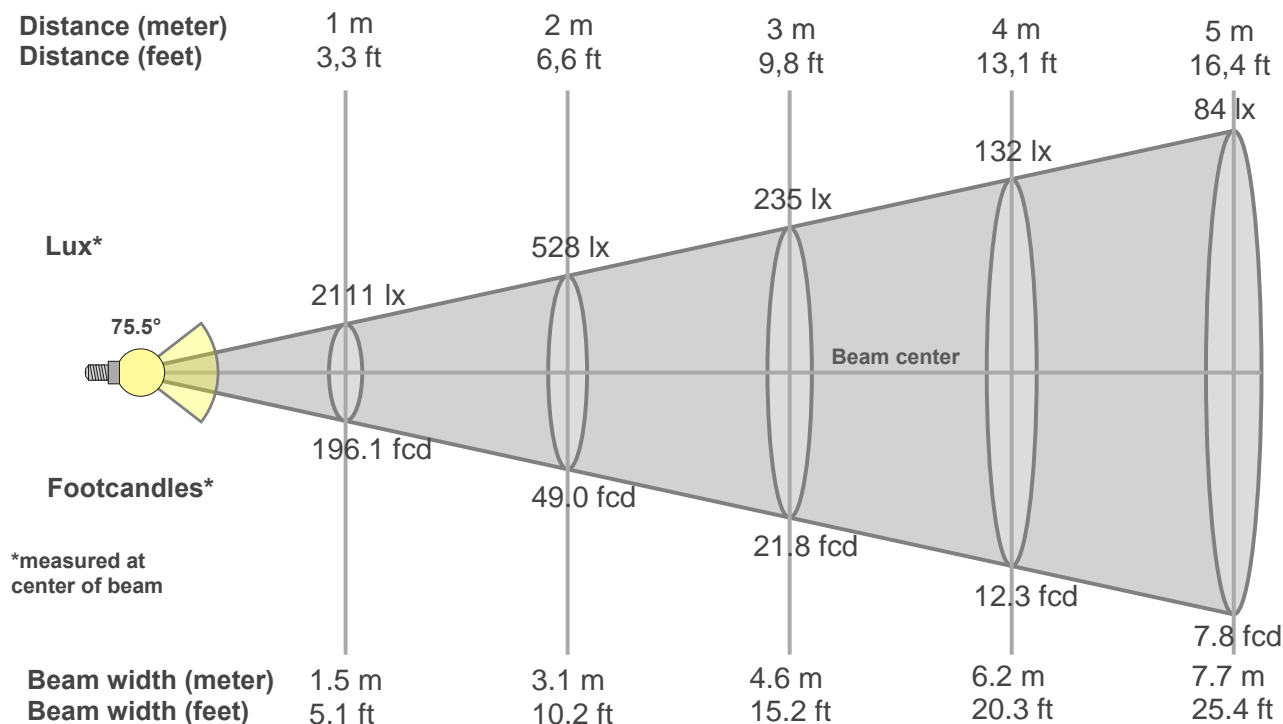
Rg 98.2

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	-11%	-4%
2	76	-9%	8%
3	68	-3%	15%
4	74	8%	14%
5	82	11%	8%
6	84	9%	-4%
7	72	4%	-16%
8	85	-3%	-8%
9	81	-8%	-6%
10	79	-10%	2%
11	77	-7%	12%
12	80	3%	8%
13	86	8%	-1%
14	82	7%	-10%
15	76	2%	-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
2111lx	528lx	235lx	132lx	84lx	59lx	43lx	33lx	26lx	21lx	17lx	15lx	12lx	11lx	9lx	8lx	7lx	7lx	6lx	5lx
196.1fcd	49fcd	21.8fcd	12.3fcd	7.8fcd	5.4fcd	4fcd	3.1fcd	2.4fcd	2fcd	1.6fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd

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°
2111	2109	2113	2145	2180	2195	2186	2177	2171	2166	2170	2183	2196	2211	2226	2200	2149	2071	1847	1623
100%	100%	100%	102%	103%	104%	104%	103%	103%	103%	103%	103%	104%	105%	105%	104%	102%	98%	87%	77%

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°
2111	2120	2126	2146	2173	2193	2181	2168	2162	2159	2162	2181	2199	2225	2252	2240	2154	2068	1833	1582
100%	100%	101%	102%	103%	104%	103%	103%	102%	102%	102%	103%	104%	105%	107%	106%	102%	98%	87%	75%

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°
2111	2112	2123	2134	2146	2158	2154	2145	2138	2136	2134	2146	2161	2180	2210	2240	2165	2073	1910	1645
100%	100%	101%	101%	102%	102%	102%	102%	101%	101%	101%	102%	102%	103%	105%	106%	103%	98%	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°
2111	2113	2112	2119	2137	2155	2146	2137	2132	2132	2132	2150	2167	2198	2237	2263	2201	2140	1940	1674
100%	100%	100%	100%	101%	102%	102%	101%	101%	101%	101%	102%	103%	104%	106%	107%	104%	101%	92%	79%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
75.5°	87.8°	105.3°	98.8%	95.4%