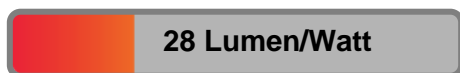


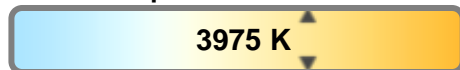
Light efficiency:



Light quality:



Color temperature:

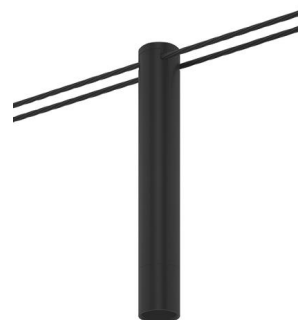


Output: 353 lm

Peak: 1250 cd

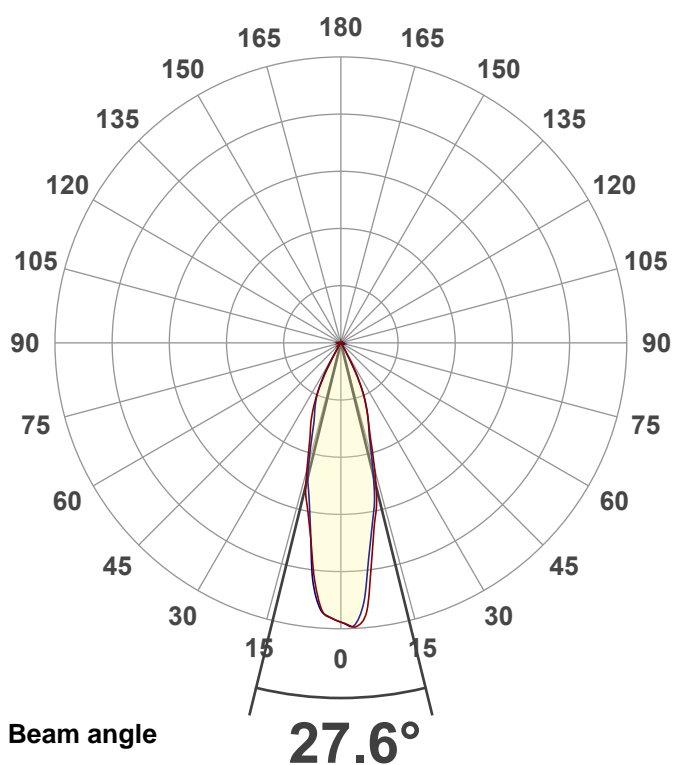
Power: 12.5 W

PF: 0.91



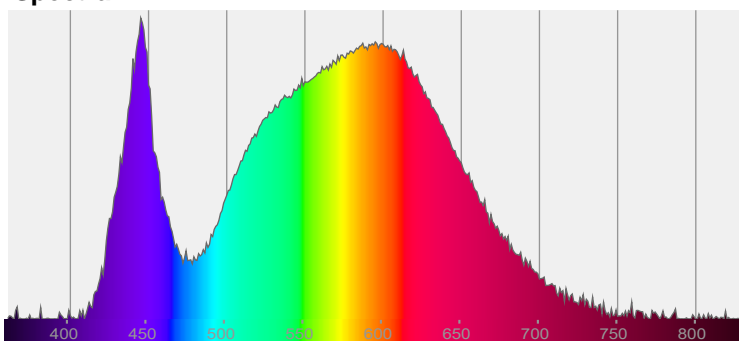
EXT-SKY-D-SW-10LM-40K-80-40D-24-BK-BK-SNOOT

Date and time:  
11/3/2021 1:59:21 PM

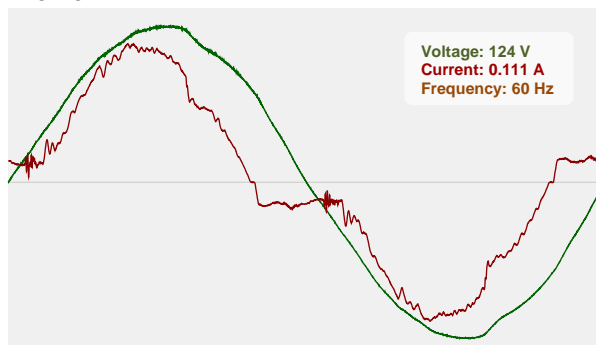


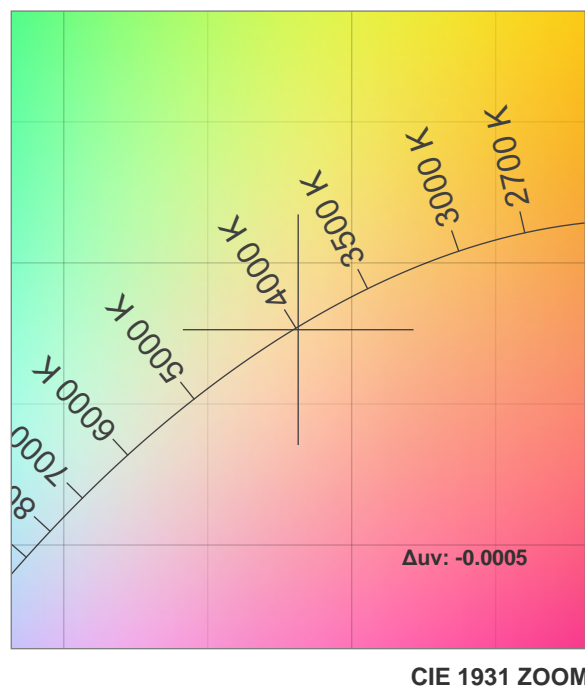
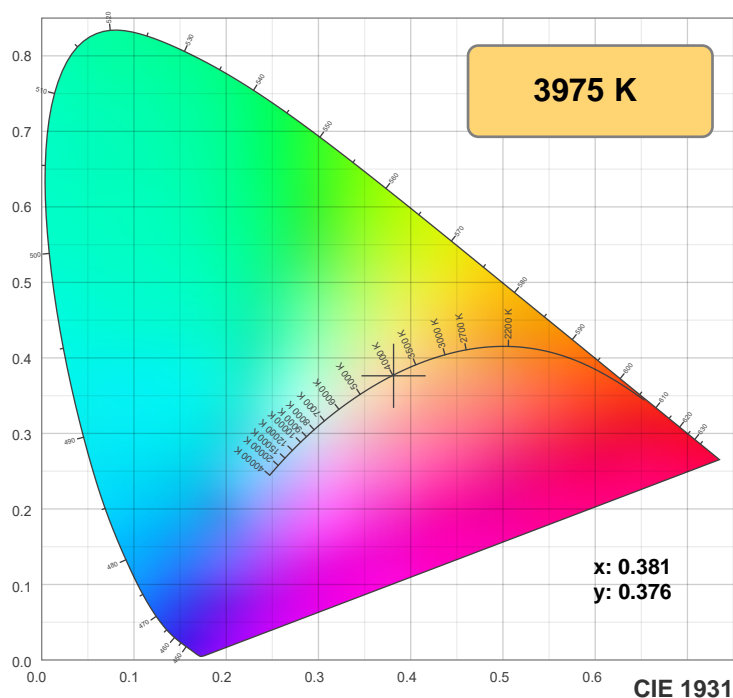
CIE 1931  
x: 0.381  
y: 0.376

Spectra

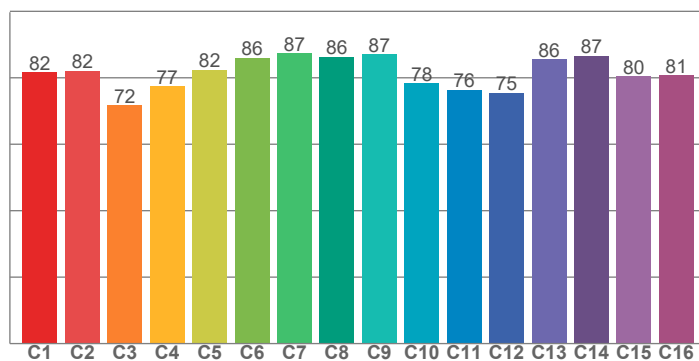


Power

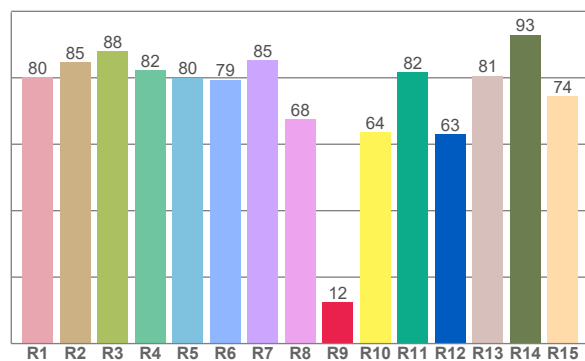




TM30: 81.3



CRI: 80.9 (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
80.3	84.7	88.1	82.3	80.0	79.4	85.3	67.5	12.5	63.7	81.6	63.0	80.6	93.0	74.4

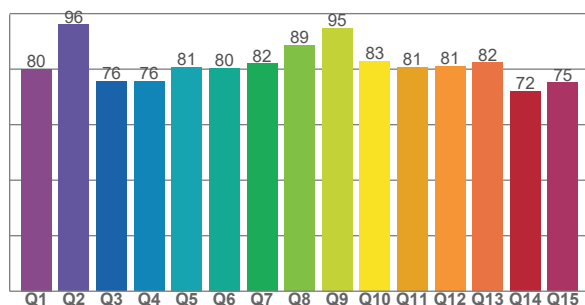
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81.6	82.1	71.7	77.4	82.5	86.1	87.4	86.3	87.1	78.3	76.4	75.4	85.5	86.7	80.5	80.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.1	96.1	75.6	75.6	80.7	80.4	81.9	88.6	94.8	82.8	80.8	81.1	82.3	72.2	75.2

CQS: 80.8



## Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	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	CQS	x	y	u	v	Δuv
3975 K	80.9	12.5	81.3	99.3	80.8	0.381	0.376	0.226	0.334	-0.0005

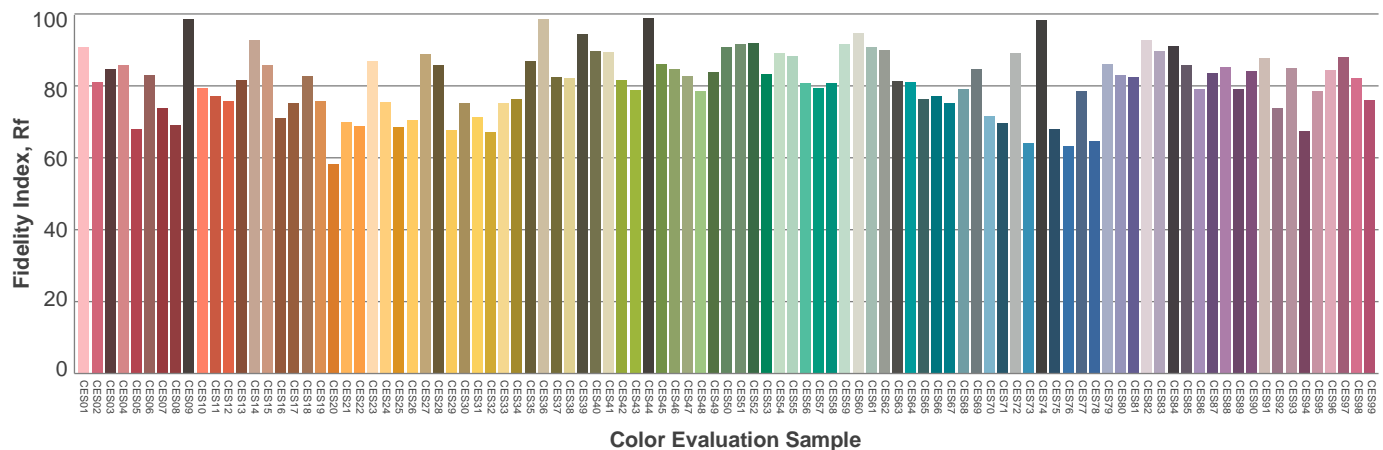
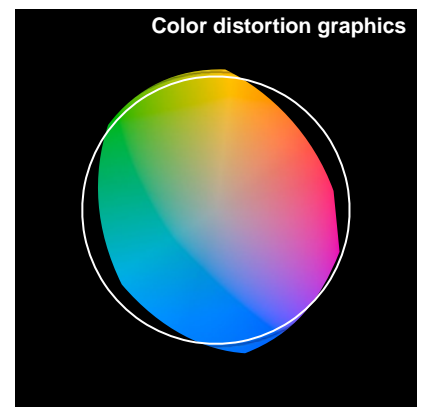
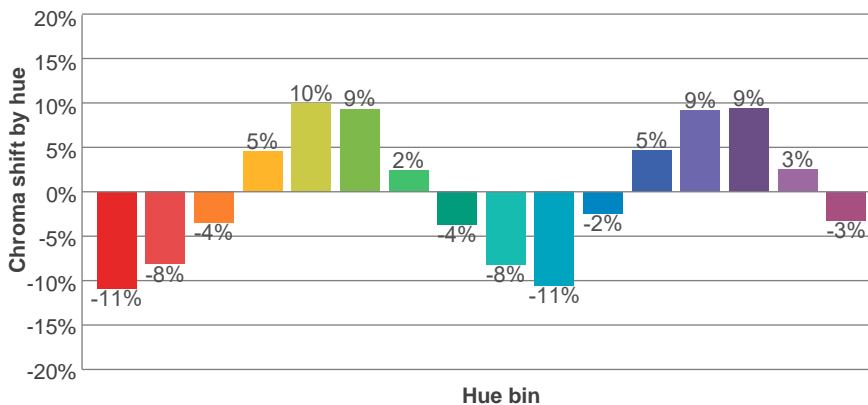
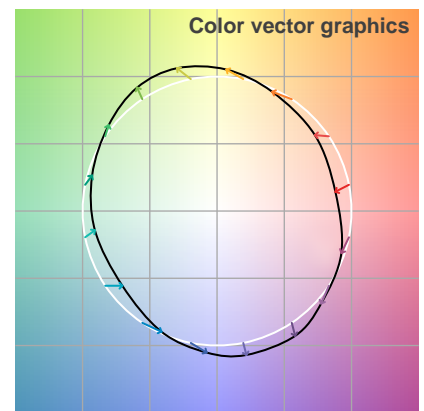
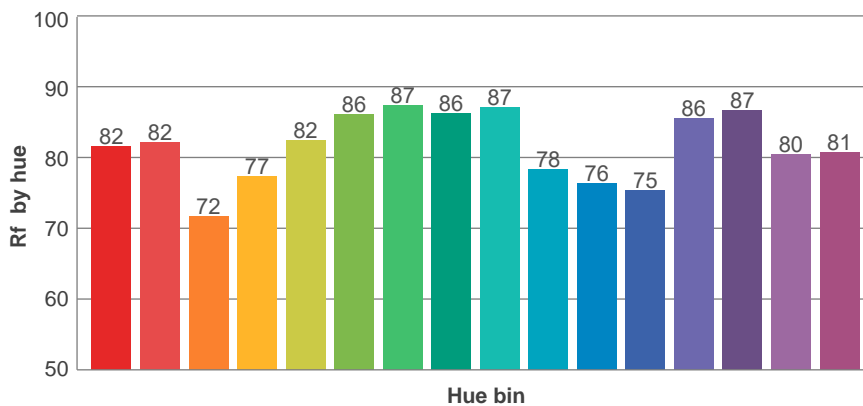
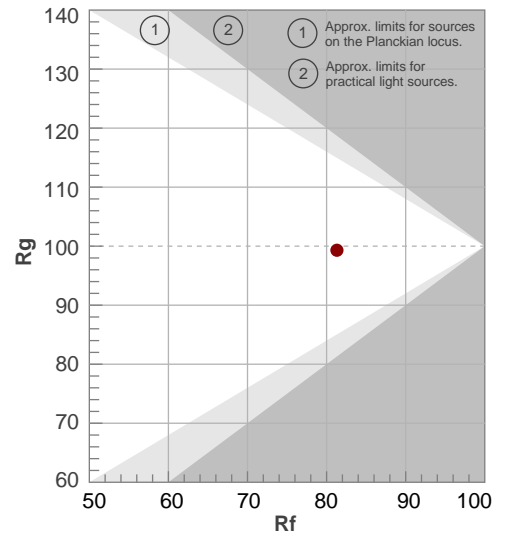
**Rf 81.3**

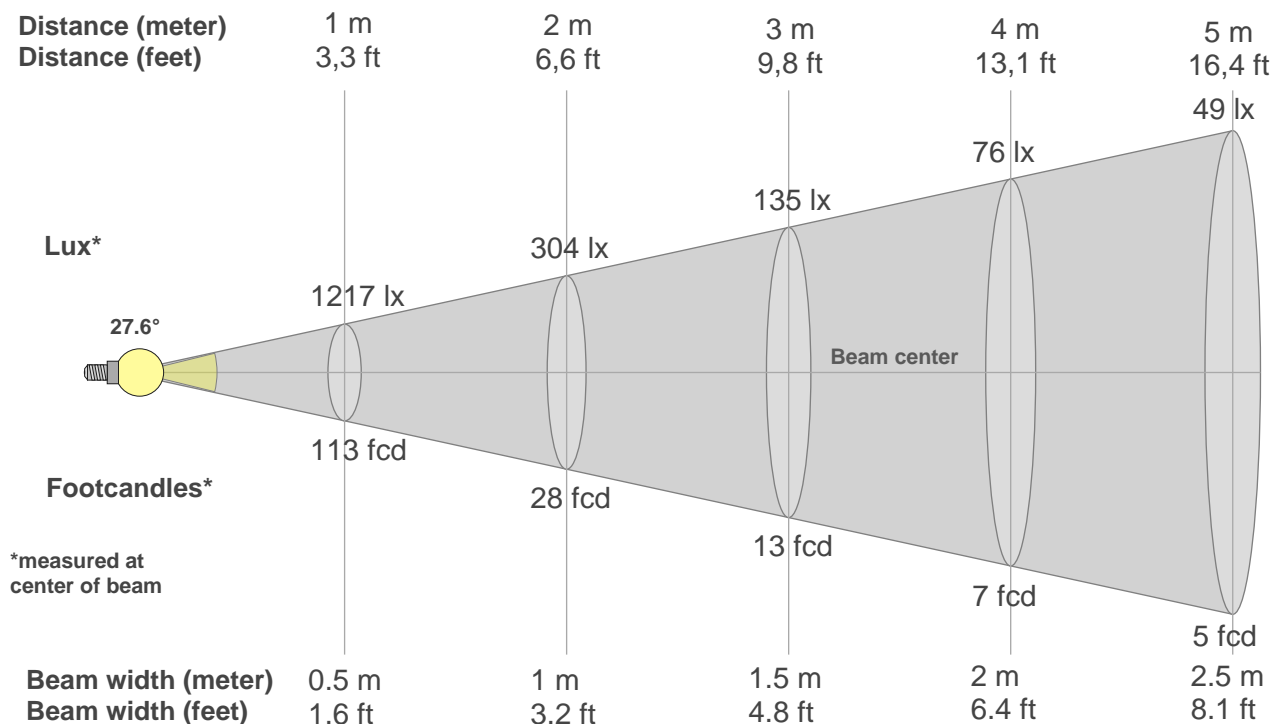
Fidelity index Rf

**Rg 99.3**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	82	-11%	-3%
2	82	-8%	7%
3	72	-4%	15%
4	77	5%	14%
5	82	10%	9%
6	86	9%	-2%
7	87	2%	-8%
8	86	-4%	-8%
9	87	-8%	-4%
10	78	-11%	7%
11	76	-2%	16%
12	75	5%	13%
13	86	9%	1%
14	87	9%	-3%
15	80	3%	-14%
16	81	-3%	-12%





#### 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
1217lx	304lx	135lx	76lx	49lx	34lx	25lx	19lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
113fcd	28.3fcd	12.6fcd	7.1fcd	4.5fcd	3.1fcd	2.3fcd	1.8fcd	1.4fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd

#### 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°
1217	1231	1216	1134	964	832	740	630	510	409	344	290	234	171	97	40	17	12	9	6
100%	101%	100%	93%	79%	68%	61%	52%	42%	34%	28%	24%	19%	14%	8%	3%	1%	1%	1%	1%

#### 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°
1217	1230	1179	1059	909	795	704	582	474	397	344	292	236	156	75	30	15	10	7	5
100%	101%	97%	87%	75%	65%	58%	48%	39%	33%	28%	24%	19%	13%	6%	2%	1%	1%	1%	0%

#### 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°
1217	1199	1170	1058	917	802	714	629	520	438	386	333	272	201	116	35	18	13	9	6
100%	99%	96%	87%	75%	66%	59%	52%	43%	36%	32%	27%	22%	17%	10%	3%	2%	1%	1%	0%

#### 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°
1217	1199	1171	1081	932	781	674	593	485	395	339	299	259	210	144	65	27	15	10	7
100%	99%	96%	89%	77%	64%	55%	49%	40%	33%	28%	25%	21%	17%	12%	5%	2%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
{B_ANG}°	55.2°	61.1°	99.2%	98.7%