

Light efficiency:



Light quality:



Color temperature:



Output: 462 lm

Peak: 195 cd

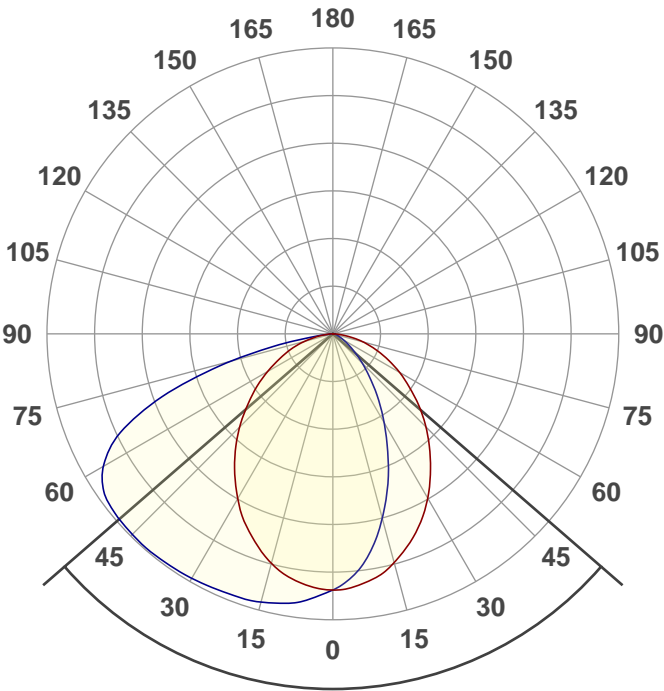
Power: 12.7 W

PF: 0.96



DW5-SW-30K-90-WW-UNV-DIM10-NC-WH

Date and time:
6/6/2019 11:24:12 AM

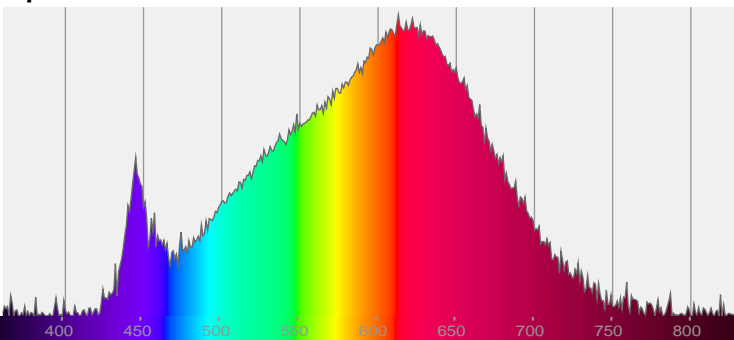


Beam angle **98.1°**

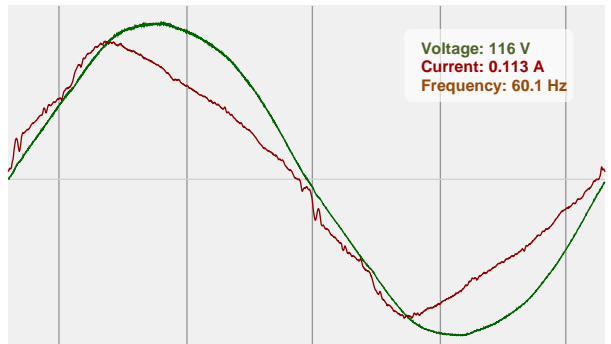


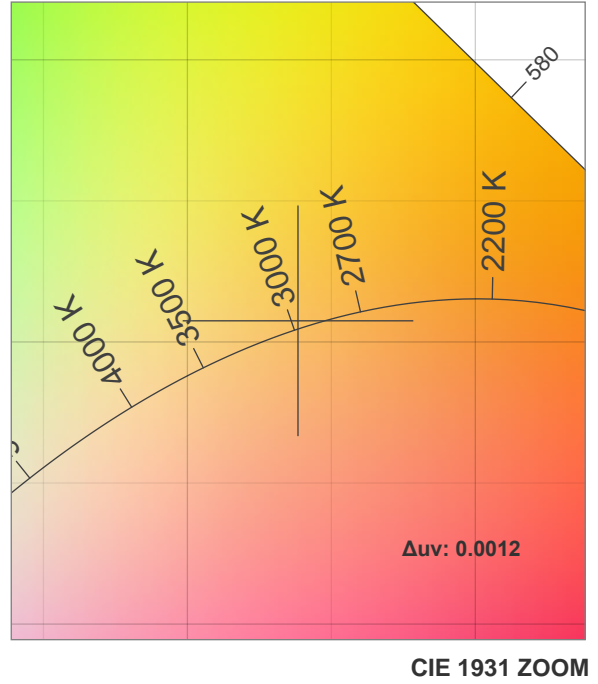
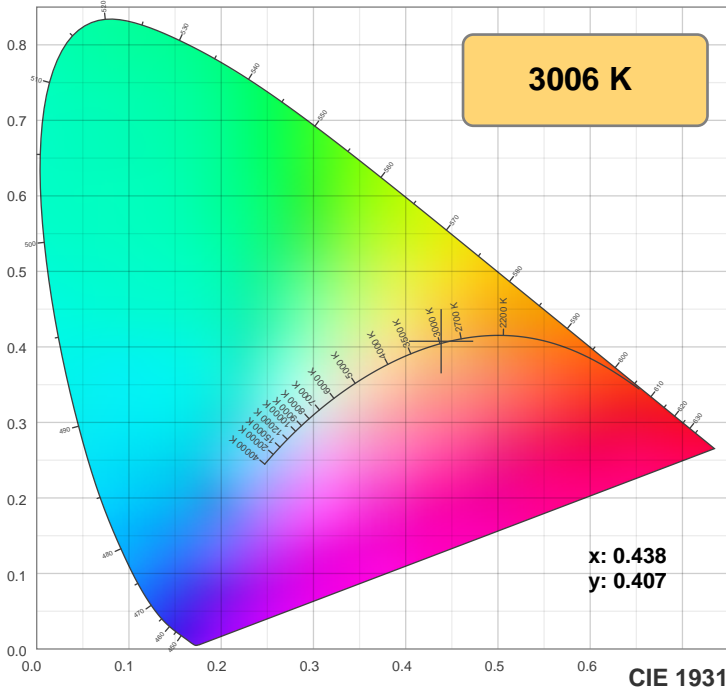
CIE 1931
x: 0.438
y: 0.407

Spectra

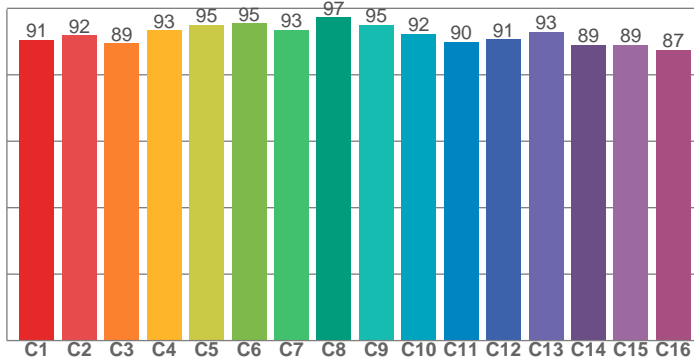


Power

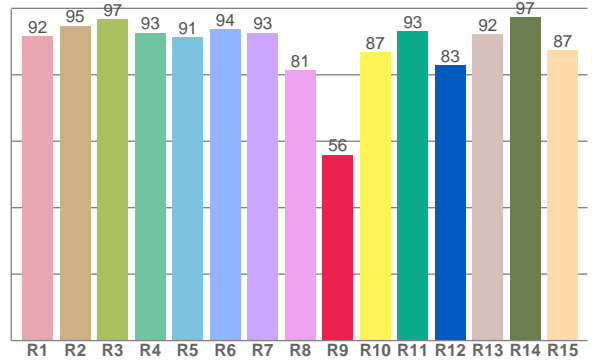




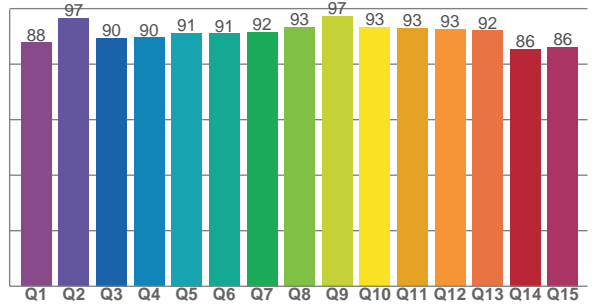
TM30: 92.1



CRI: 91.8 (R1-R8)



CQS: 90.7



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
91.6	94.7	96.6	92.7	91.2	93.6	92.7	81.3	55.9	86.8	93.1	82.9	92.3	97.4	87.3

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
90.5	91.9	89.5	93.4	95.1	95.4	93.4	97.3	95.1	92.4	89.9	90.6	92.9	89.0	89.1	87.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.7	96.5	89.5	89.5	91.2	91.0	91.5	93.4	97.4	93.4	92.9	92.5	92.2	85.5	86.2

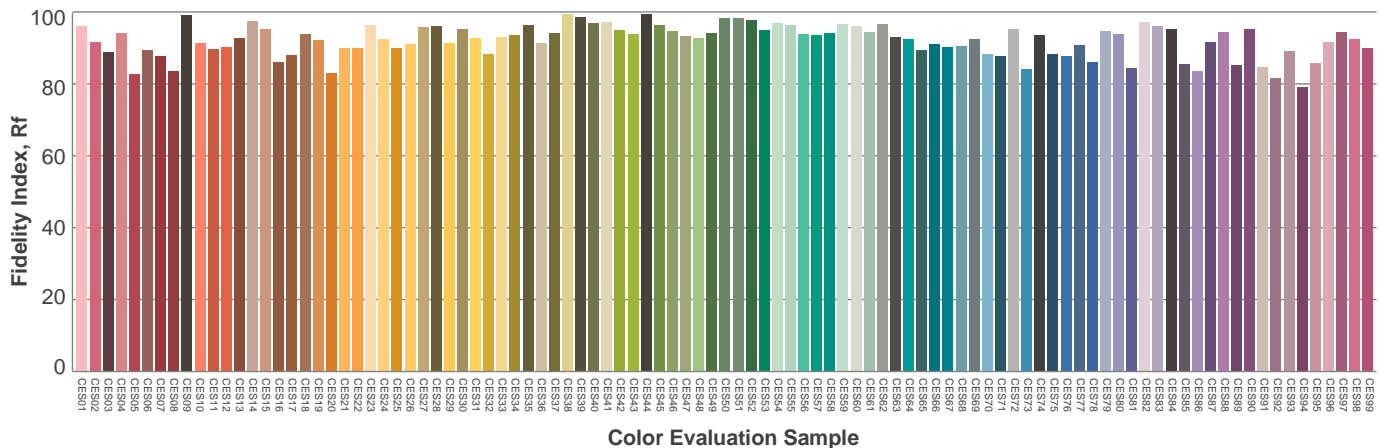
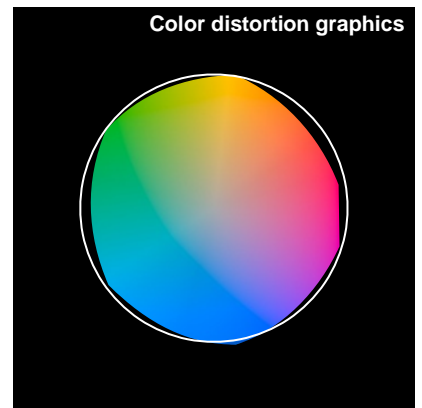
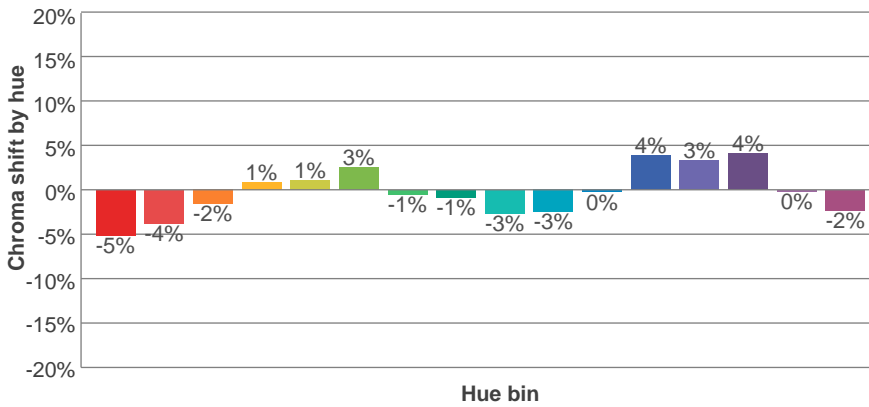
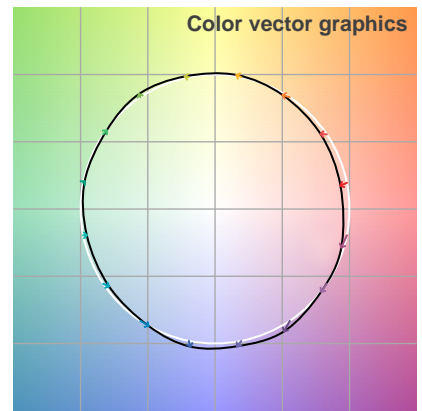
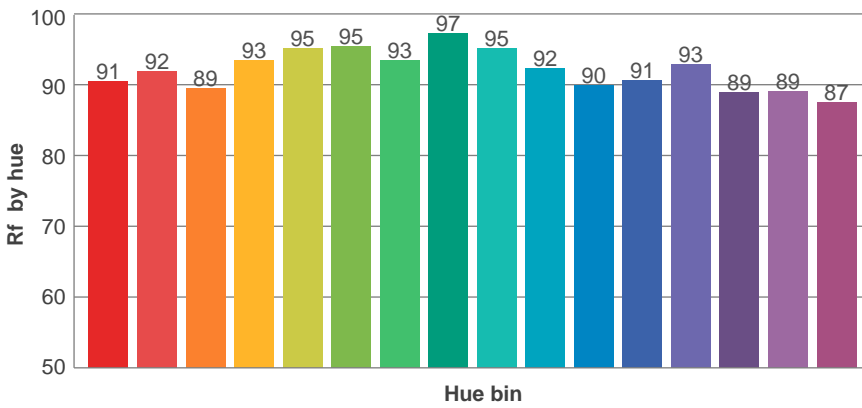
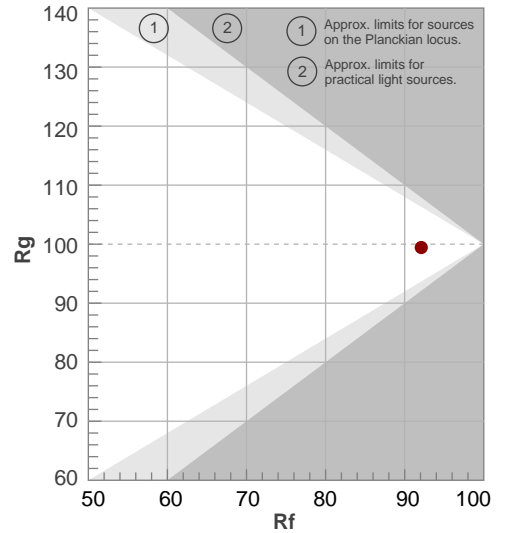
Color parameters

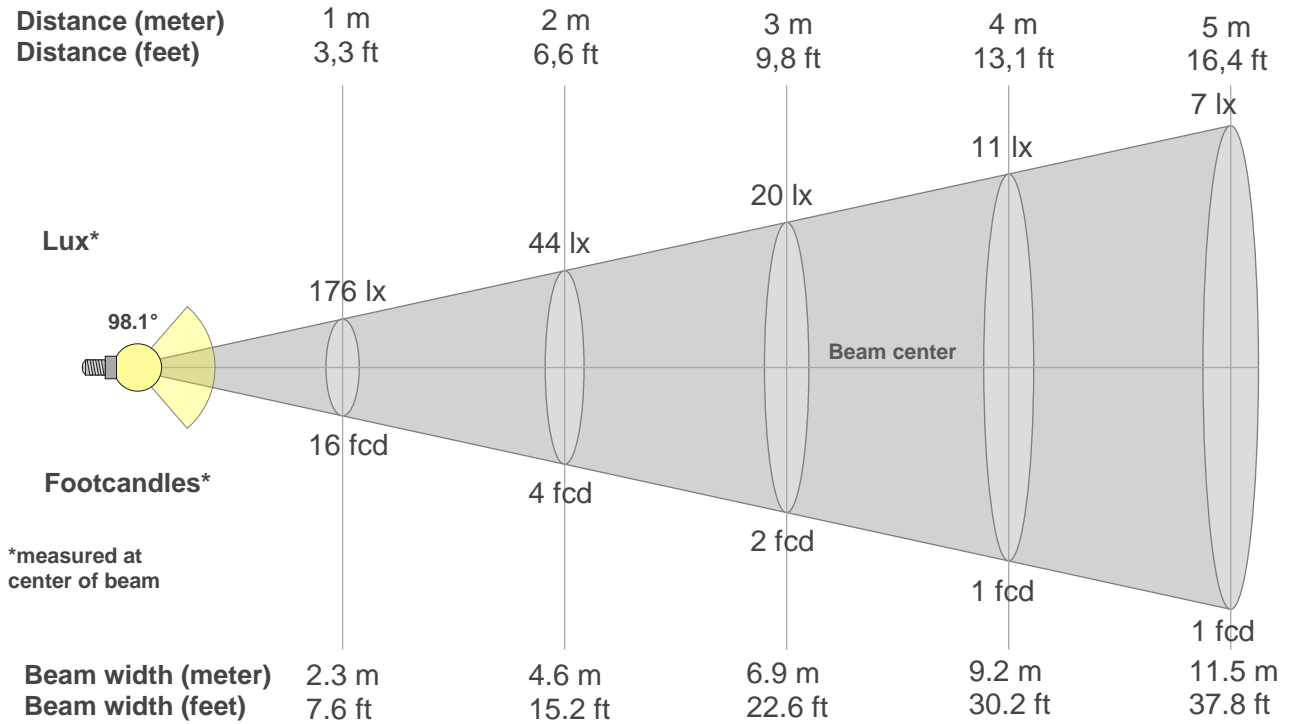
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3006 K	91.8	55.9	92.1	99.4	90.7	0.438	0.407	0.250	0.349	0.0012

Rf 92.1
Fidelity index Rf

Rg 99.4
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	91	-5%	-1%
2	92	-4%	3%
3	89	-2%	5%
4	93	1%	4%
5	95	1%	3%
6	95	3%	0%
7	93	-1%	-4%
8	97	-1%	-1%
9	95	-3%	0%
10	92	-3%	4%
11	90	0%	7%
12	91	4%	2%
13	93	3%	-4%
14	89	4%	-8%
15	89	0%	-7%
16	87	-2%	-10%





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
176lx	44lx	20lx	11lx	7lx	5lx	4lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx
16.3fcd	4.1fcd	1.8fcd	1fcd	0.7fcd	0.5fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0fcd	0fcd

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°
176	174	170	163	153	143	130	117	104	91	77	64	53	42	31	22	12	4	0	0
100%	99%	97%	93%	87%	81%	74%	67%	59%	51%	44%	37%	30%	24%	18%	12%	7%	2%	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°
176	166	151	131	110	89	71	54	40	29	20	13	9	6	4	3	2	1	0	0
100%	94%	86%	75%	63%	51%	40%	31%	23%	16%	11%	8%	5%	3%	2%	2%	1%	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°
176	174	170	163	154	143	131	118	104	91	77	64	52	40	30	20	11	4	1	0
100%	99%	97%	93%	87%	81%	74%	67%	59%	52%	44%	37%	29%	23%	17%	12%	6%	2%	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°
176	183	188	191	192	193	194	195	195	195	194	191	182	161	123	73	26	1	1	0
100%	104%	107%	109%	109%	110%	110%	111%	111%	111%	110%	109%	103%	92%	70%	41%	15%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
{B_ANG}°	140.7°	158.5°	76.8%	52.1%