



Light efficiency:

32 Lumen/Watt

Light quality:

CRI: 96.5

Color temperature:

5954 K

Output: 2522 lm

Peak: 7139 cd

Power: 78.5 W

PF: 0.63



Product name:

COB Cannon Wash DW w
Fresnel CW only

Date and time:

1/19/2017 2:39:09 PM

TestType:

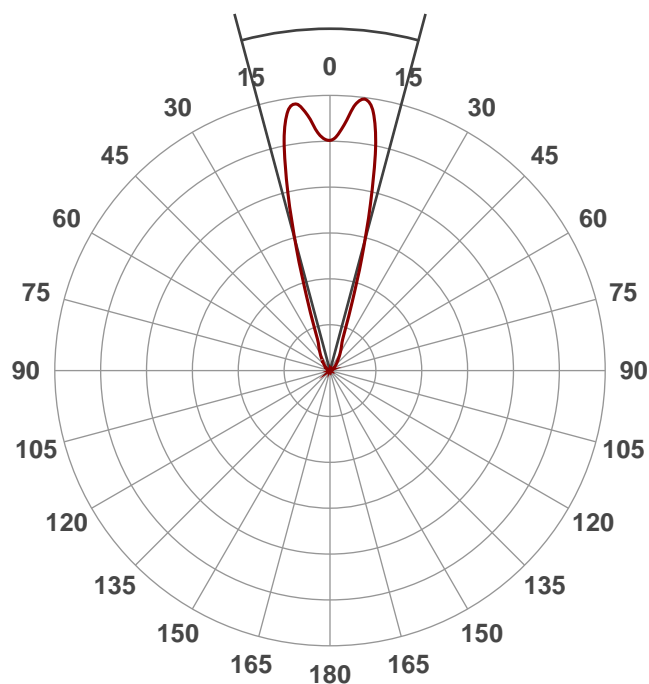
CW

Tested By:

Aurelio

Beam angle

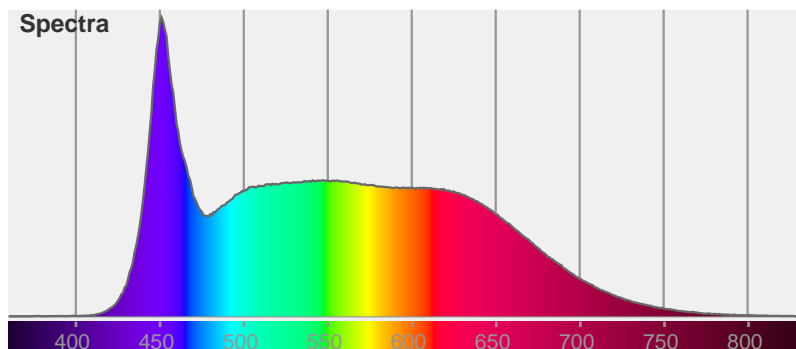
30°



Color

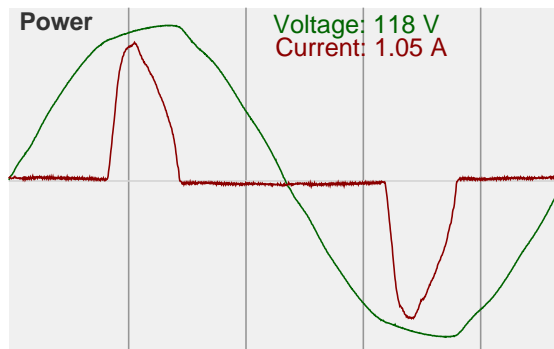
CIE1931
x: 0.323
y: 0.330

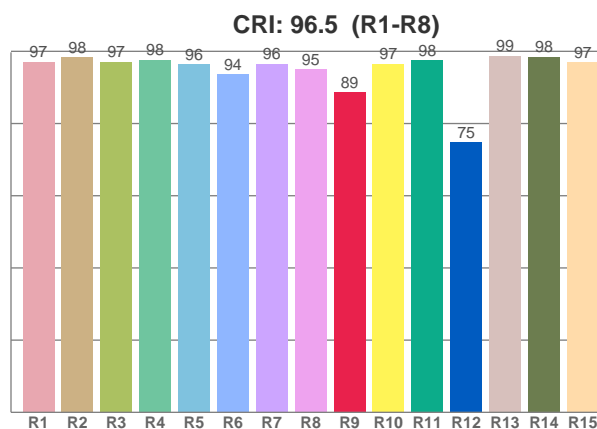
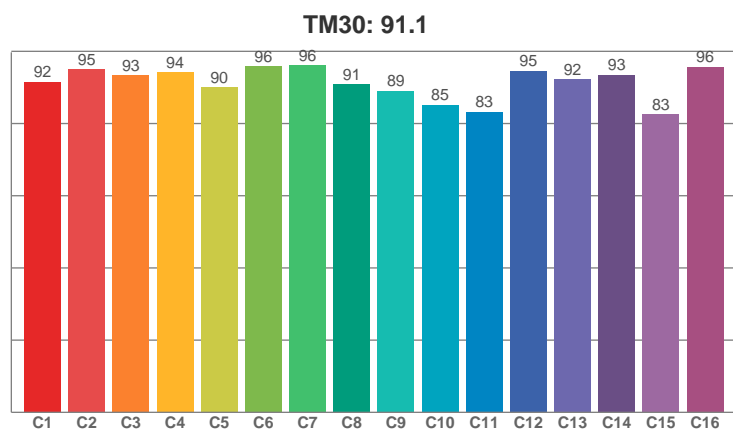
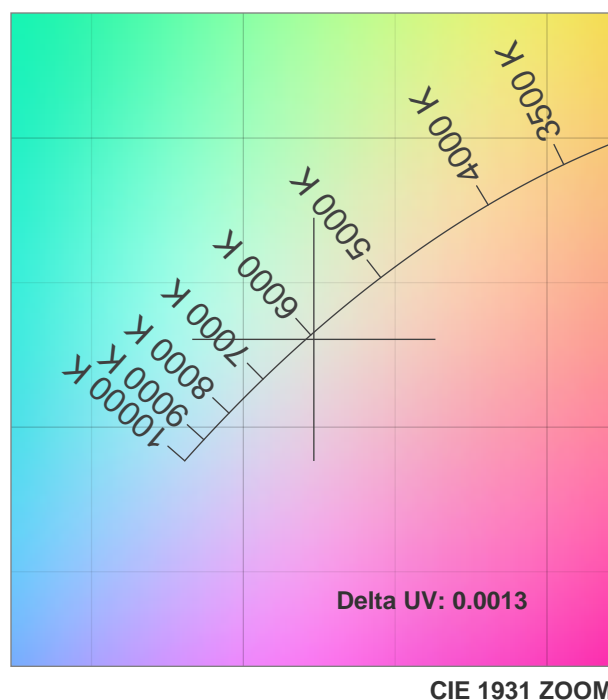
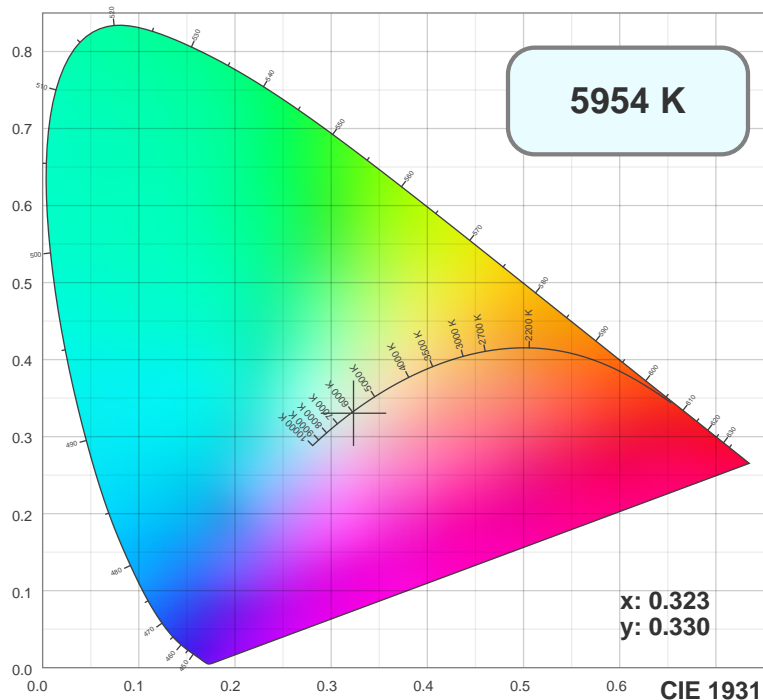
Spectra



Power

Voltage: 118 V
Current: 1.05 A





CRI R values, only R1-R8 are used to calculate final CRI value

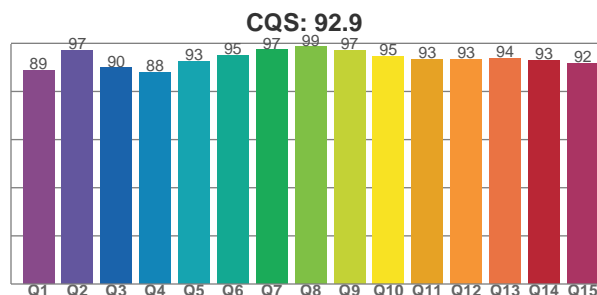
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.09	98.41	97.08	97.68	96.33	93.64	96.48	94.99	88.67	96.55	97.52	74.76	98.73	98.43	97.01

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
91.53	94.99	93.39	94.09	90.06	95.91	96.18	90.86	89.00	85.15	83.26	94.61	92.27	93.47	82.57	95.72

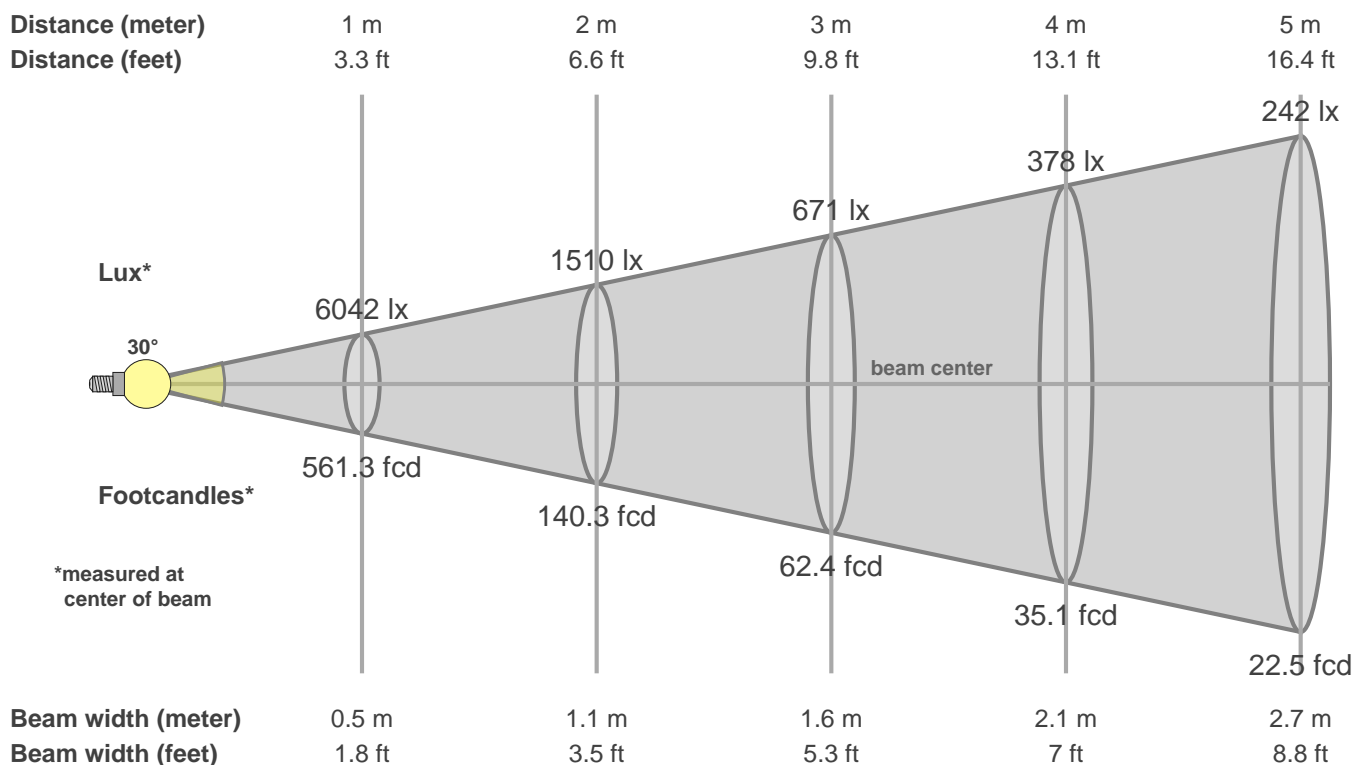
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.62	97.03	89.86	87.85	92.59	95.09	97.33	98.54	96.96	94.62	93.28	93.31	93.65	93.04	91.80



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
5954 K	96.5	88.7	91.1	100.0	92.9	0.3	0.3	0.2	0.3	0.0045



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°
6042	6128	6459	6839	6946	6582	5645	4286	2924	1861	1213	860	733	652	574	511	454	400	354	320
100%	101%	107%	113%	115%	109%	93%	71%	48%	31%	20%	14%	12%	11%	10%	8%	8%	7%	6%	5%

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100%	101%	107%	113%	115%	109%	93%	71%	48%	31%	20%	14%	12%	11%	10%	8%	8%	7%	6%	5%

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°
6042	6207	6605	7019	7060	6623	5632	4238	2923	1862	1217	889	759	673	598	533	474	417	366	320
100%	103%	109%	116%	117%	110%	93%	70%	48%	31%	20%	15%	13%	11%	10%	9%	8%	7%	6%	5%

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°
6042	6207	6605	7019	7060	6623	5632	4238	2923	1862	1217	889	759	673	598	533	474	417	366	320
100%	103%	109%	116%	117%	110%	93%	70%	48%	31%	20%	15%	13%	11%	10%	9%	8%	7%	6%	5%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
30.0°	49.5°	97.0°	97.5%	90.6%