



Light efficiency:

25 Lumen/Watt

Light quality:

CRI: 94.9

Color temperature:

4153 K

Output: 3661 lm

Peak: 4519 cd

Power: 148 W

PF: 0.68



Product name:

COB Cannon Wash DW

Date and time:

1/19/2017 2:13:22 PM

TestType:

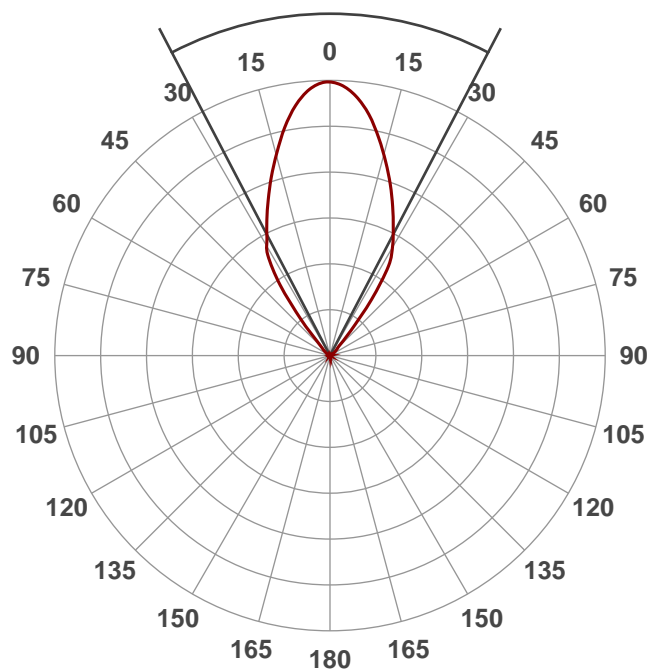
Full On

Tested By:

Aurelio

Beam angle

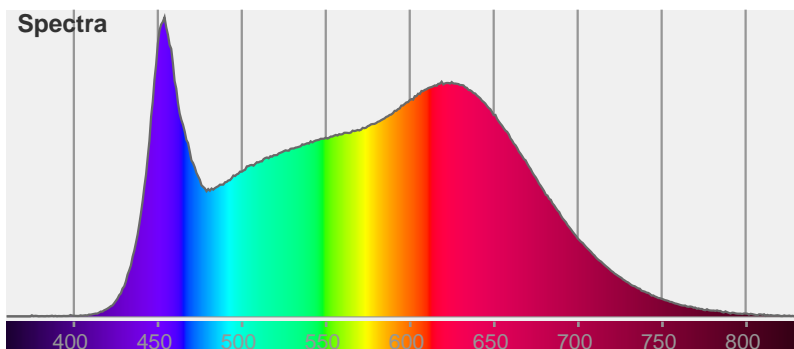
55.1°



Color

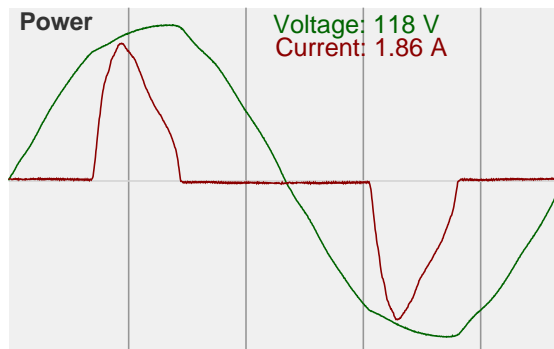
CIE1931
x: 0.369
y: 0.352

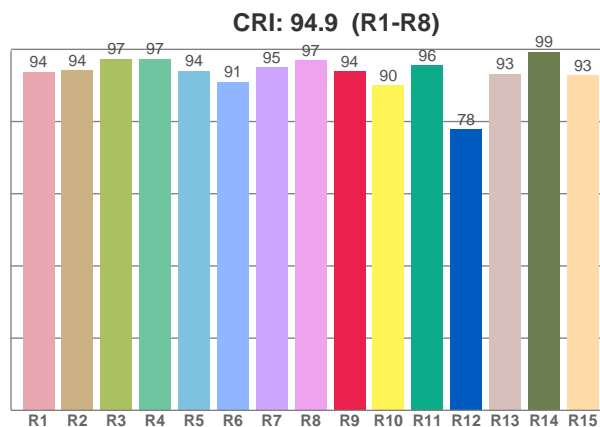
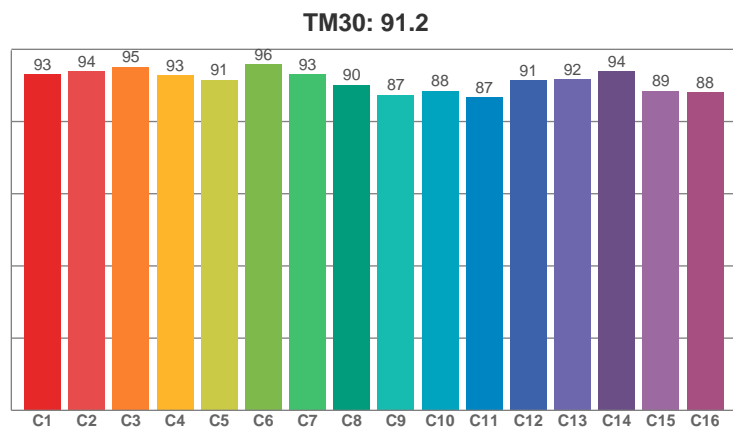
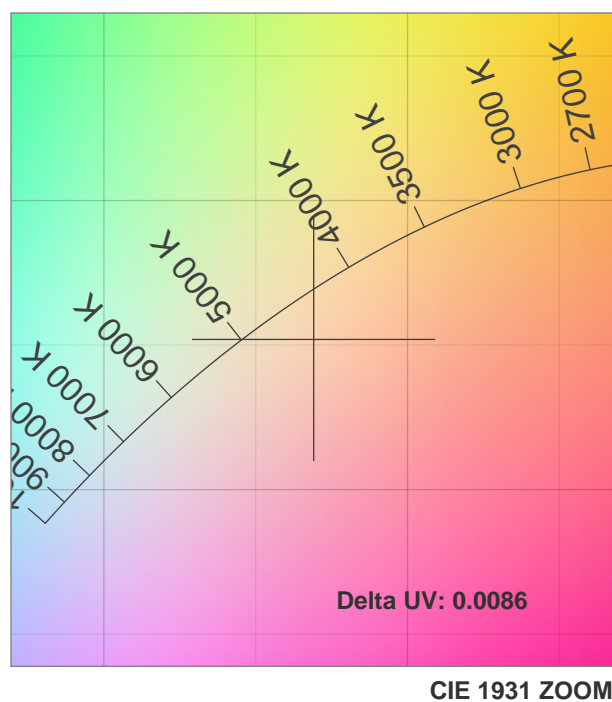
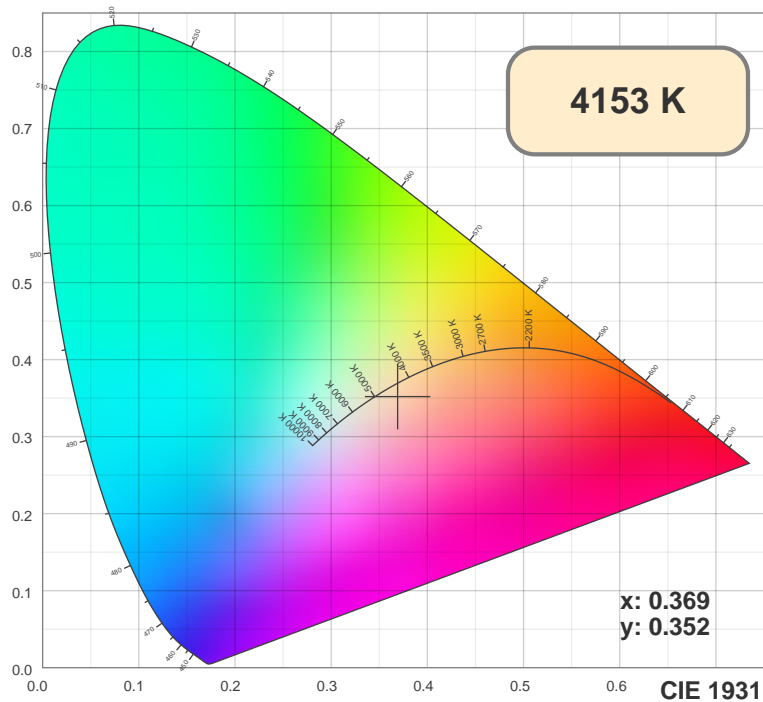
Spectra



Power

Voltage: 118 V
Current: 1.86 A





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

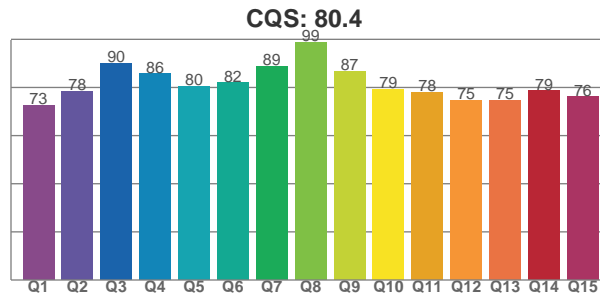
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.71	94.09	97.40	97.40	94.00	91.02	94.92	96.87	93.92	90.01	95.51	77.90	93.25	99.26	92.77

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
92.99	93.88	95.14	92.71	91.49	95.83	93.05	90.13	87.38	88.47	86.67	91.39	91.70	93.93	88.51	88.03

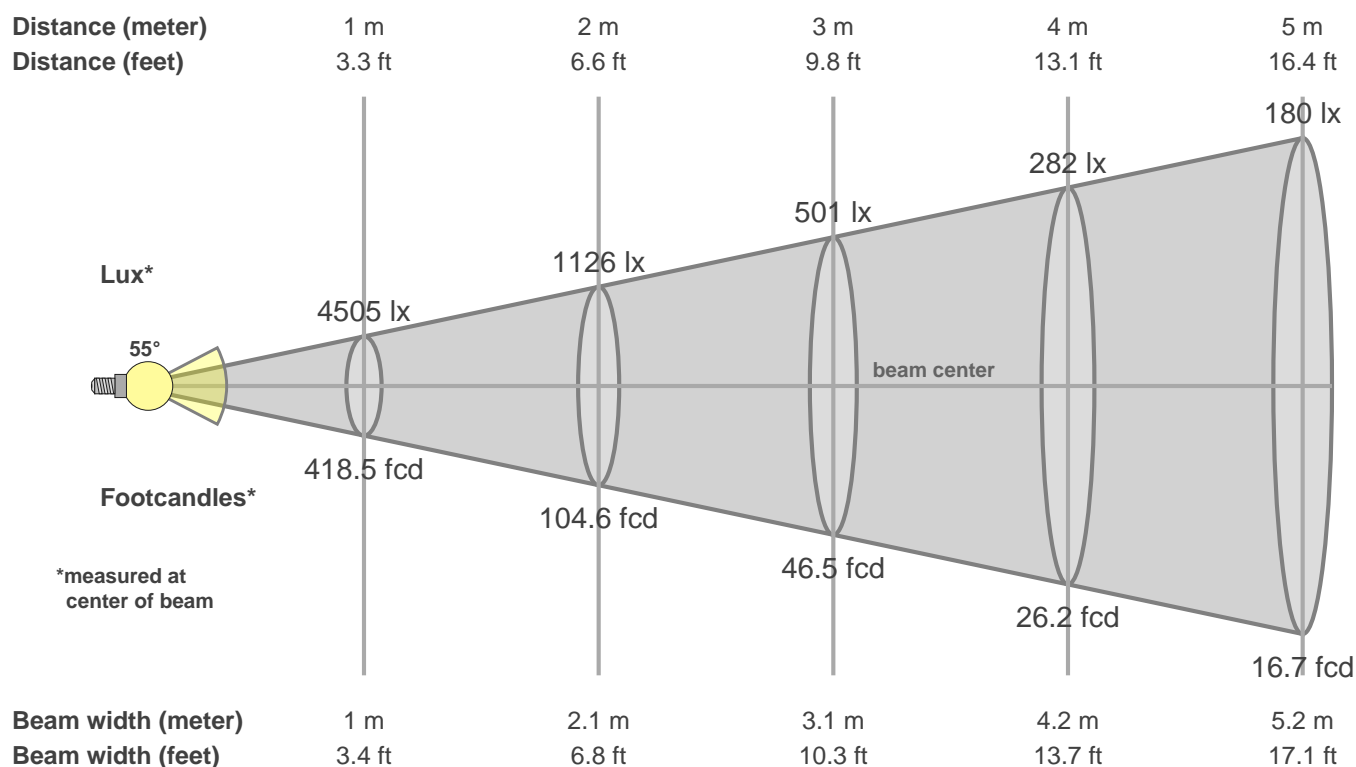
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
72.60	78.41	90.11	85.61	80.48	81.89	88.79	98.63	86.63	79.23	77.85	74.72	74.51	78.56	76.15



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4153 K	94.9	93.9	91.2	100.9	80.4	0.4	0.4	0.2	0.3	0.0086



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°
4505	4488	4424	4300	4155	3961	3758	3539	3329	3125	2928	2736	2558	2387	2222	2078	1916	1616	1286	909
100%	100%	98%	95%	92%	88%	83%	79%	74%	69%	65%	61%	57%	53%	49%	46%	43%	36%	29%	20%

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100%	100%	98%	95%	92%	88%	83%	79%	74%	69%	65%	61%	57%	53%	49%	46%	43%	36%	29%	20%

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°
4505	4480	4392	4284	4127	3951	3748	3542	3335	3137	2941	2748	2564	2385	2223	2060	1874	1614	1249	883
100%	99%	97%	95%	92%	88%	83%	79%	74%	70%	65%	61%	57%	53%	49%	46%	42%	36%	28%	20%

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°
4505	4480	4392	4284	4127	3951	3748	3542	3335	3137	2941	2748	2564	2385	2223	2060	1874	1614	1249	883
100%	99%	97%	95%	92%	88%	83%	79%	74%	70%	65%	61%	57%	53%	49%	46%	42%	36%	28%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55.1°	81.8°	102.8°	98.6%	94.9%