



Light efficiency:

**35** Lumen/Watt

Light quality:

**CRI: 96.5**

Color temperature:

**5983 K**

**Output: 2810 lm**

**Peak: 3430 cd**

**Power: 80.2 W**

**PF: 0.64**



Product name:

**COB Cannon Wash DW CW only**

Date and time:

**1/19/2017 2:18:39 PM**

TestType:

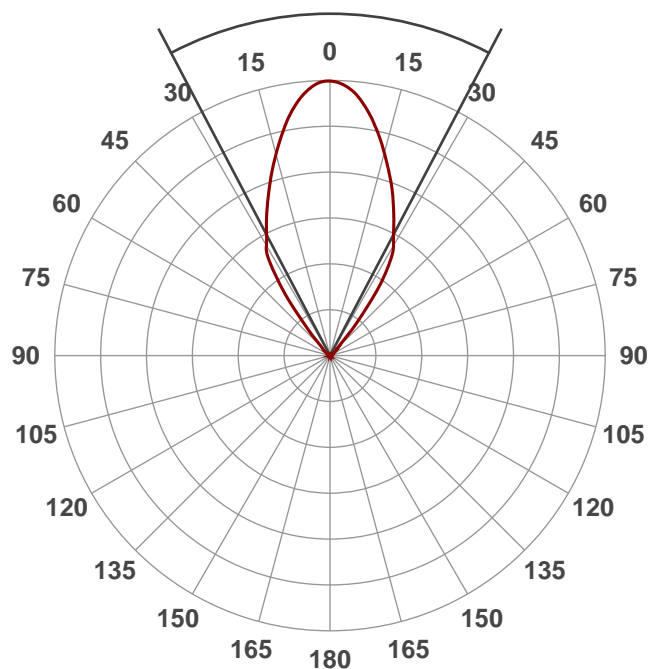
**CW**

Tested By:

**Aurelio**

Beam angle

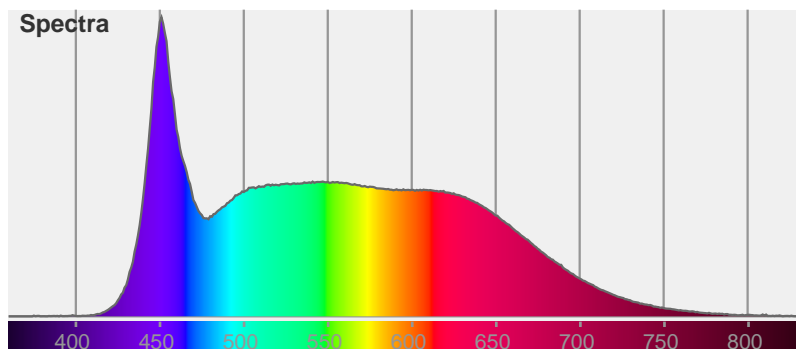
**55.4°**



Color

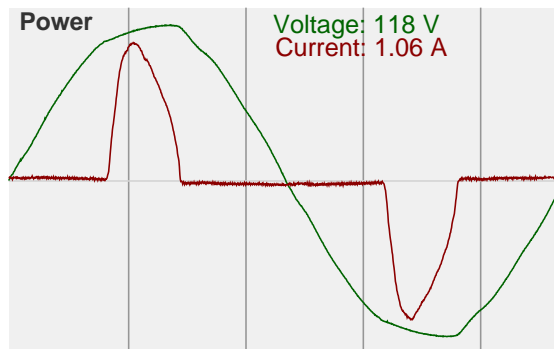
CIE1931  
x: 0.323  
y: 0.330

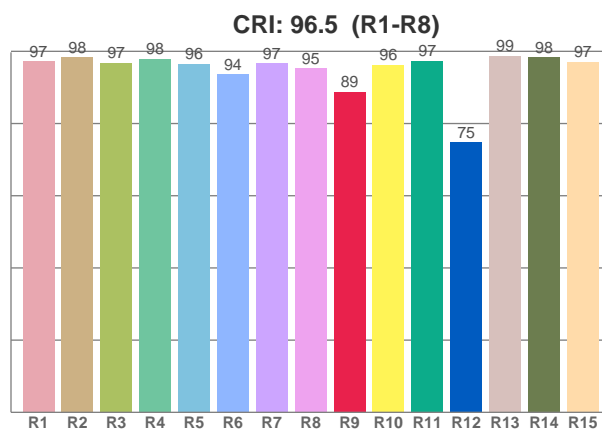
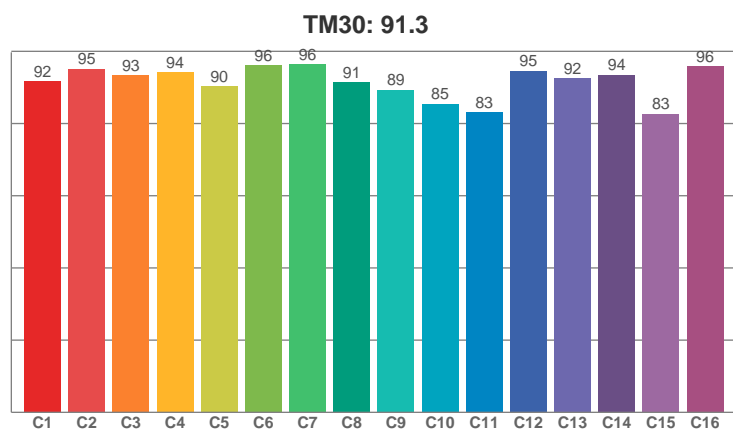
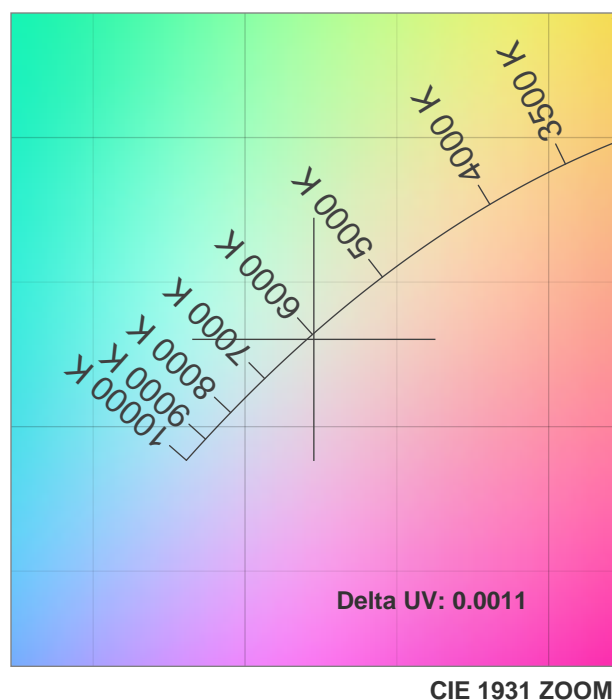
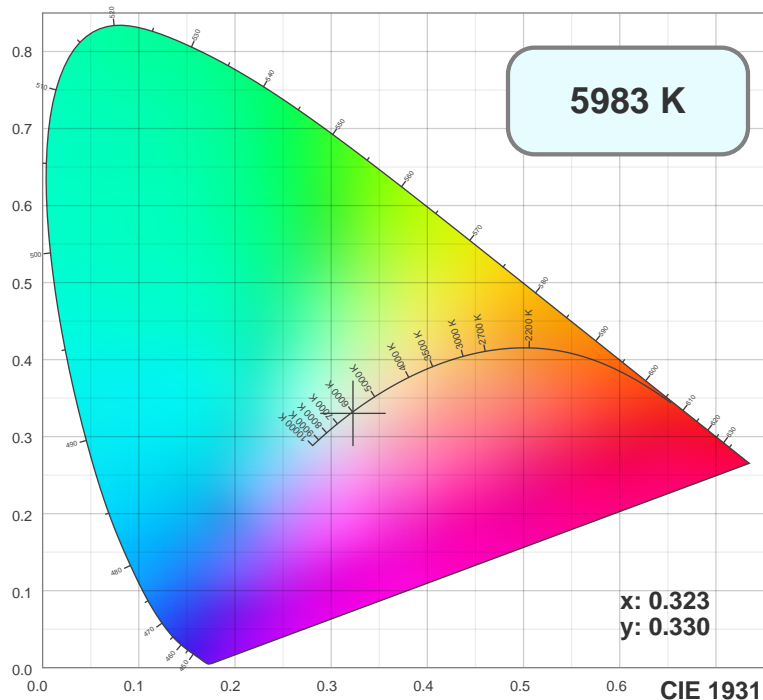
Spectra



Power

Voltage: 118 V  
Current: 1.06 A





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

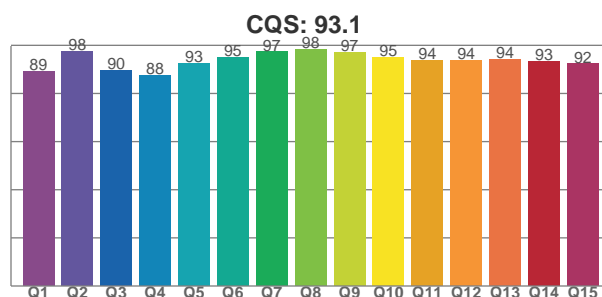
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.16	98.40	96.84	97.90	96.48	93.64	96.73	95.21	88.76	96.21	97.37	74.86	98.79	98.28	97.11

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
91.76	95.12	93.38	94.13	90.29	96.04	96.43	91.35	89.36	85.43	83.18	94.53	92.43	93.52	82.70	95.88

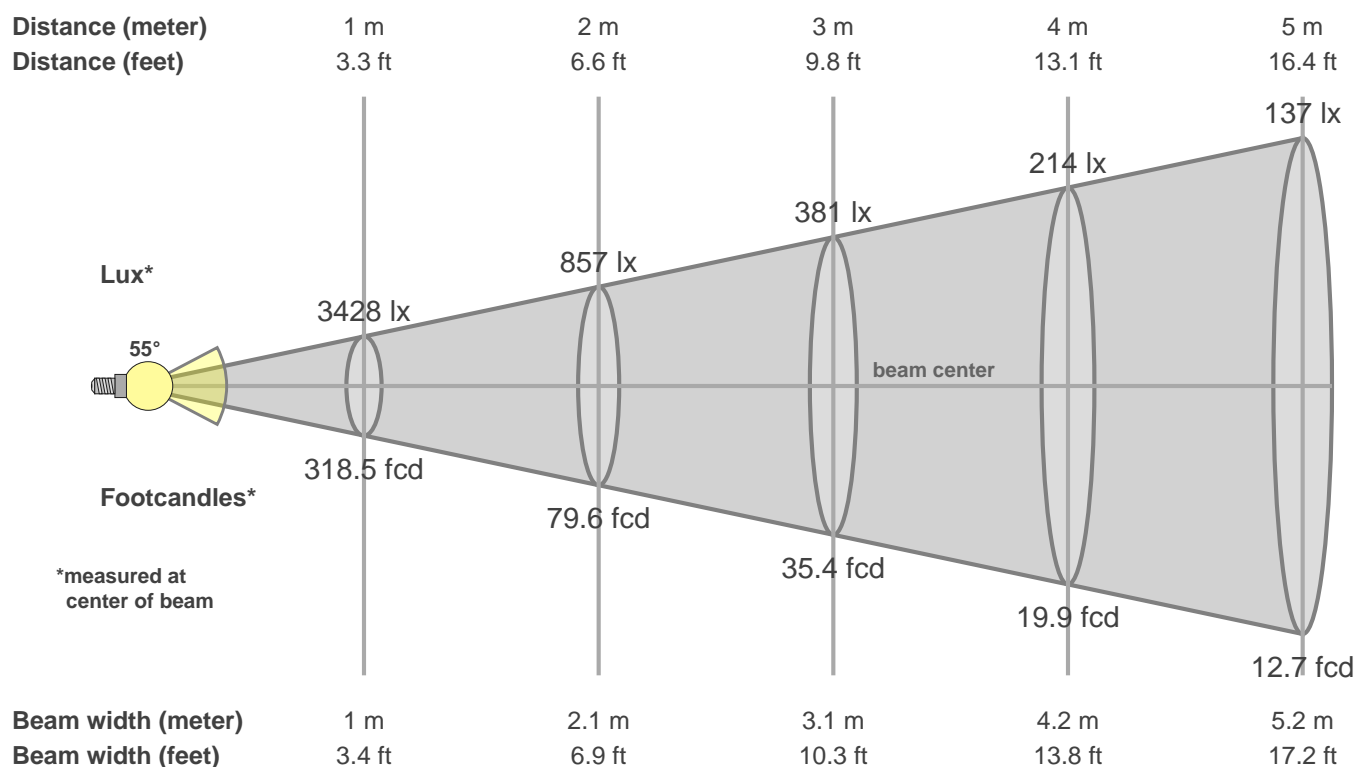
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.27	97.57	89.59	87.66	92.51	95.08	97.31	98.48	97.17	94.93	93.69	93.81	94.17	93.44	92.29



## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
5983 K	96.5	88.8	91.3	100.2	93.1	0.3	0.3	0.2	0.3	0.0044



## 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°
3428	3425	3359	3281	3153	3019	2858	2697	2538	2382	2231	2087	1952	1822	1696	1582	1473	1228	967	691
100%	100%	98%	96%	92%	88%	83%	79%	74%	69%	65%	61%	57%	53%	49%	46%	43%	36%	28%	20%

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0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
3428	3425	3359	3281	3153	3019	2858	2697	2538	2382	2231	2087	1952	1822	1696	1582	1473	1228	967	691
100%	100%	98%	96%	92%	88%	83%	79%	74%	69%	65%	61%	57%	53%	49%	46%	43%	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°
3428	3413	3352	3269	3148	3015	2866	2712	2554	2405	2260	2113	1965	1829	1695	1580	1447	1223	982	703
100%	100%	98%	95%	92%	88%	84%	79%	75%	70%	66%	62%	57%	53%	49%	46%	42%	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°
3428	3413	3352	3269	3148	3015	2866	2712	2554	2405	2260	2113	1965	1829	1695	1580	1447	1223	982	703
100%	100%	98%	95%	92%	88%	84%	79%	75%	70%	66%	62%	57%	53%	49%	46%	42%	36%	29%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55.4°	82.4°	103.7°	98.5%	94.7%