



Light efficiency:

24 Lumen/Watt

Light quality:

CRI: 94.8

Color temperature:

4131 K

Output: 3265 lm

Peak: 9230 cd

Power: 137 W

PF: 0.67



Product name:

**COB Cannon Wash DW w
Fresnel**

Date and time:

1/19/2017 2:35:37 PM

TestType:

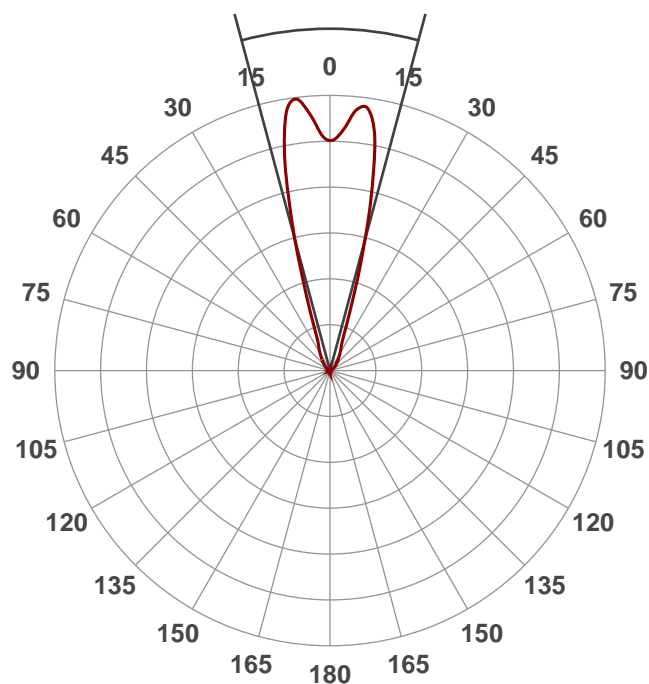
Full On

Tested By:

Aurelio

Beam angle

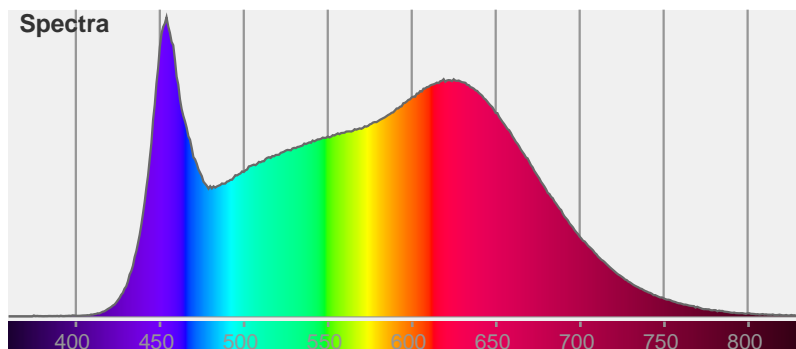
30°



Color

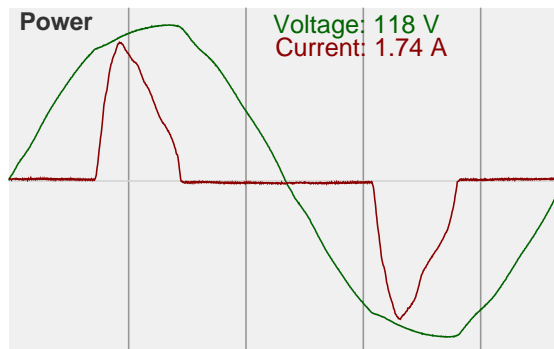
CIE1931
x: 0.370
y: 0.352

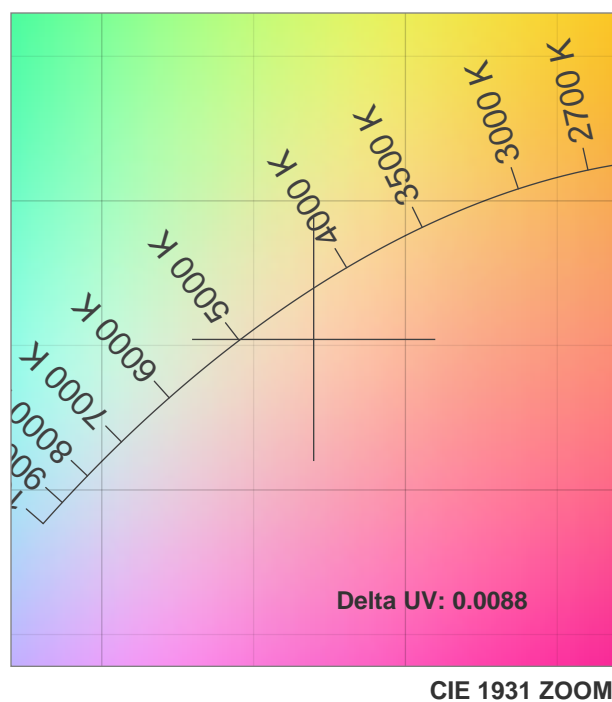
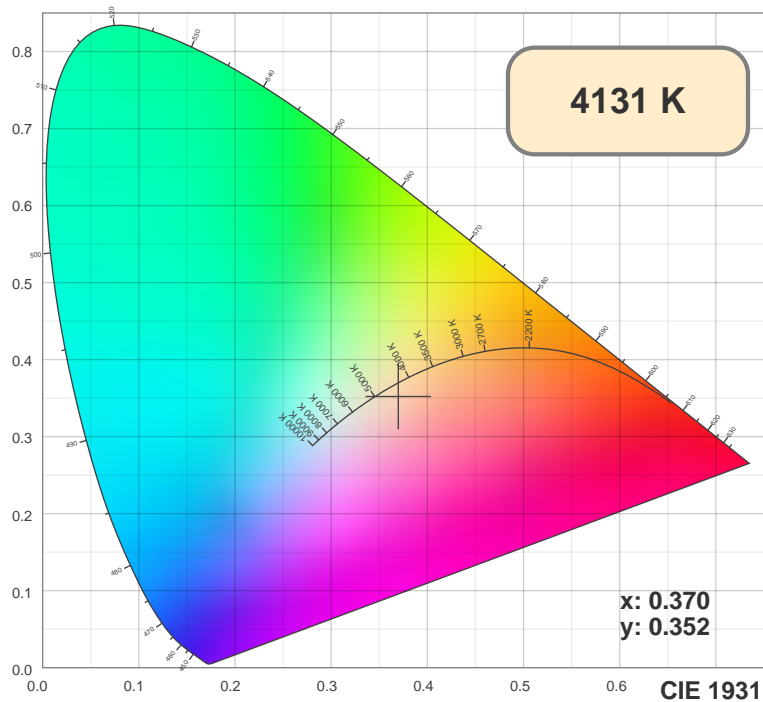
Spectra



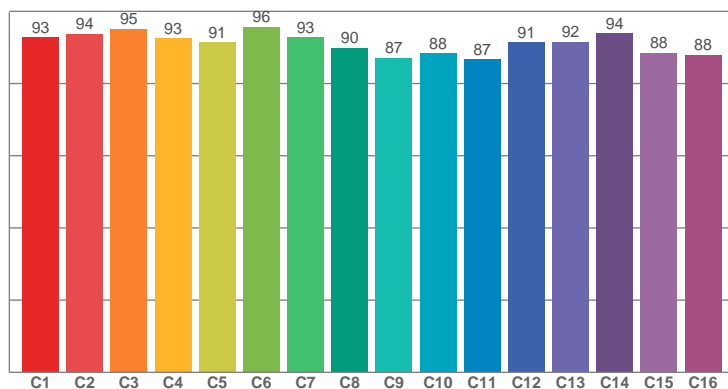
Power

Voltage: 118 V
Current: 1.74 A

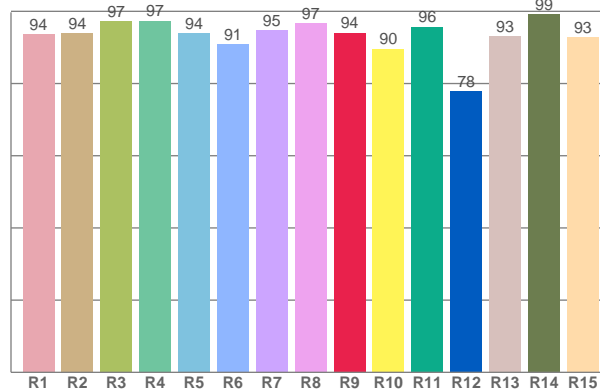




TM30: 91.1



CRI: 94.8 (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
93.65	93.89	97.15	97.34	93.88	90.77	94.66	96.73	94.00	89.61	95.66	77.80	93.13	99.23	92.71

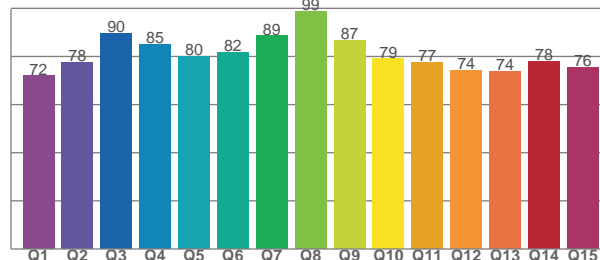
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.87	93.77	95.12	92.58	91.39	95.75	92.86	89.91	87.16	88.31	86.72	91.36	91.55	93.92	88.45	87.97

CQS Q values

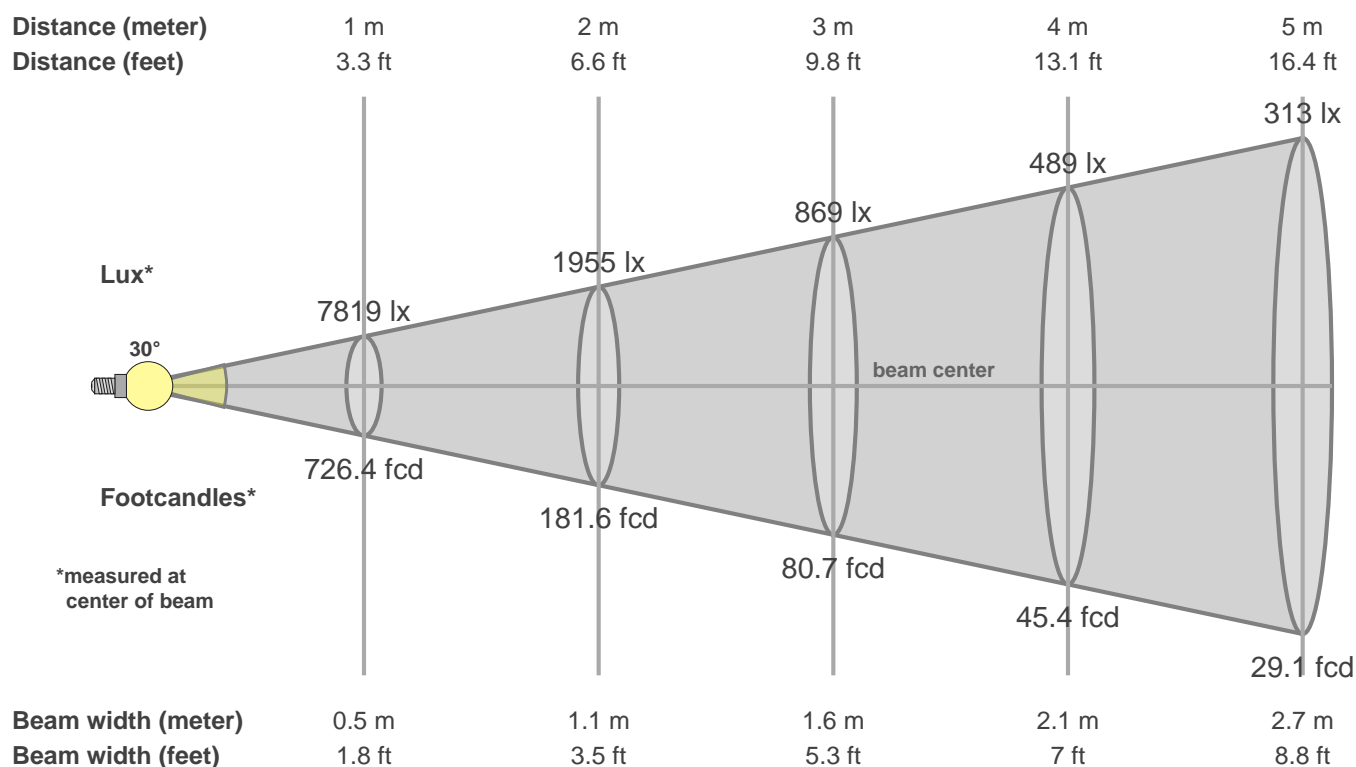
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
71.94	77.69	89.53	85.08	80.04	81.56	88.51	98.71	86.55	78.97	77.47	74.20	73.93	78.07	75.59

CQS: 79.9



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4131 K	94.8	94.0	91.1	100.8	79.9	0.4	0.4	0.2	0.3	0.0088



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°
7819	7977	8546	9011	9073	8589	7322	5509	3792	2420	1548	1158	973	856	758	667	589	521	464	419
100%	102%	109%	115%	116%	110%	94%	70%	48%	31%	20%	15%	12%	11%	10%	9%	8%	7%	6%	5%

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7819	7977	8546	9011	9073	8589	7322	5509	3792	2420	1548	1158	973	856	758	667	589	521	464	419
100%	102%	109%	115%	116%	110%	94%	70%	48%	31%	20%	15%	12%	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°
7819	7967	8358	8845	8909	8306	7109	5461	3748	2491	1675	1201	964	852	756	671	595	526	461	404
100%	102%	107%	113%	114%	106%	91%	70%	48%	32%	21%	15%	12%	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°
7819	7967	8358	8845	8909	8306	7109	5461	3748	2491	1675	1201	964	852	756	671	595	526	461	404
100%	102%	107%	113%	114%	106%	91%	70%	48%	32%	21%	15%	12%	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°	97.7°	97.4%	90.2%