



Light efficiency:

23 Lumen/Watt

Light quality:

CRI: 95.8

Color temperature:

2686 K

Output: 1879 lm

Peak: 2317 cd

Power: 80.6 W

PF: 0.64



Product name:

COB Cannon Wash DW WW only

Date and time:

1/19/2017 2:21:44 PM

TestType:

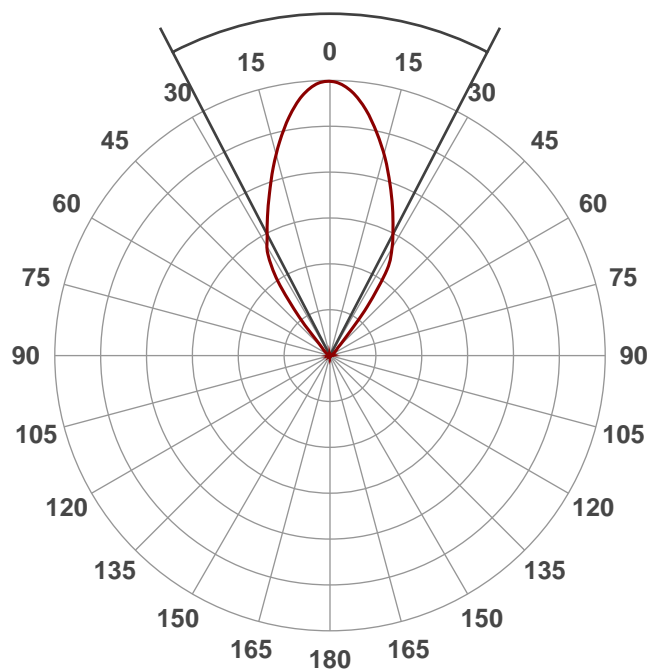
WW

Tested By:

Aurelio

Beam angle

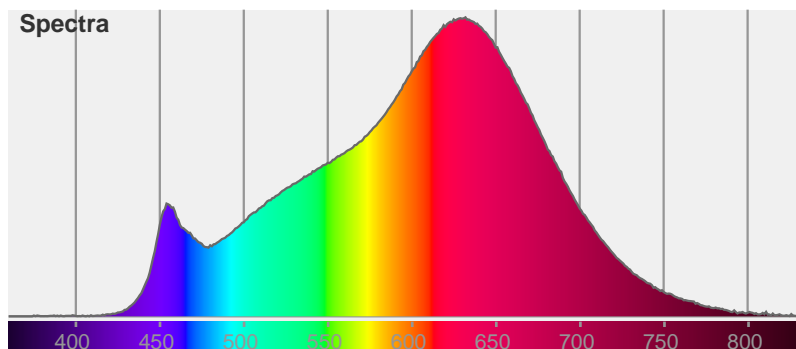
54.8°



Color

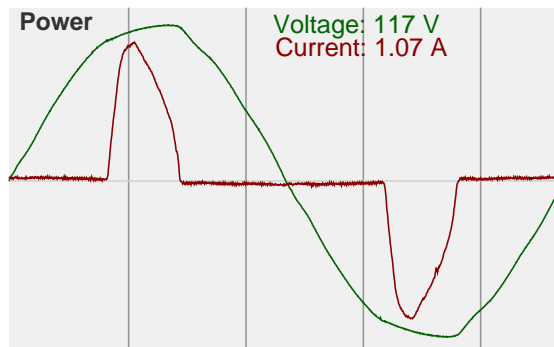
CIE1931
x: 0.457
y: 0.403

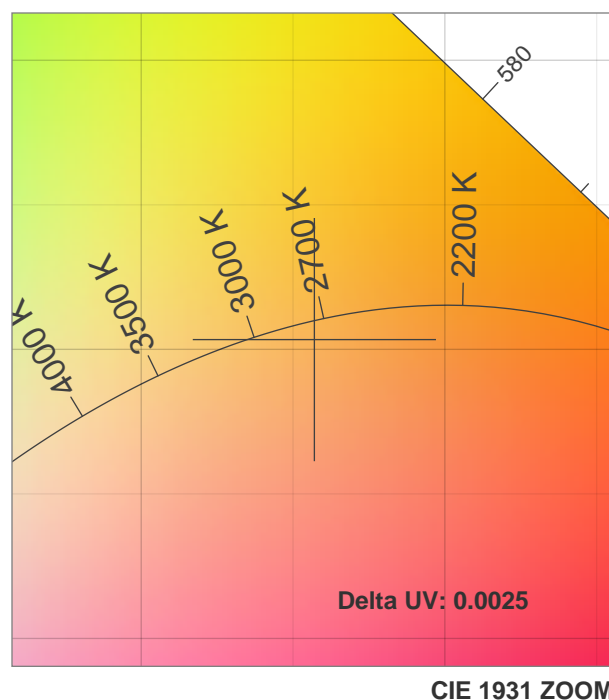
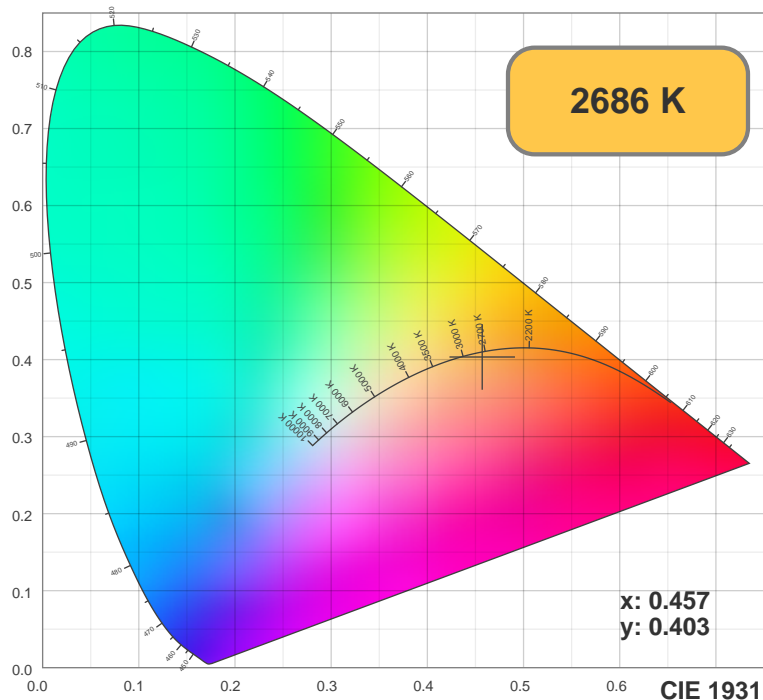
Spectra



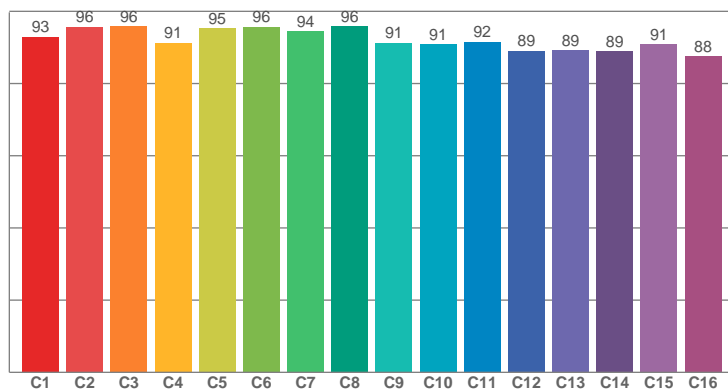
Power

Voltage: 117 V
Current: 1.07 A

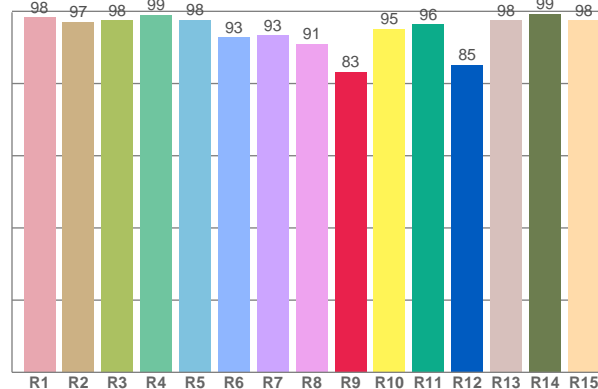




TM30: 92.3



CRI: 95.8 (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
98.35	97.07	97.54	99.07	97.59	92.71	93.26	90.98	83.25	95.13	96.45	85.18	97.52	99.33	97.51

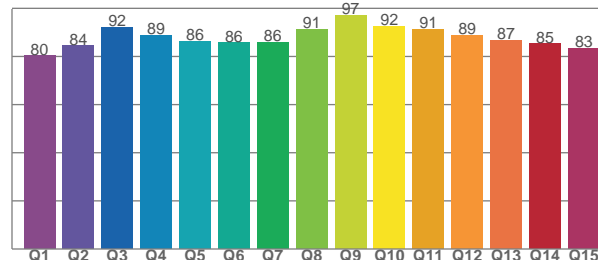
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.87	95.75	95.82	91.29	95.32	95.67	94.50	95.90	91.31	90.78	91.54	89.08	89.23	88.83	90.91	87.61

CQS Q values

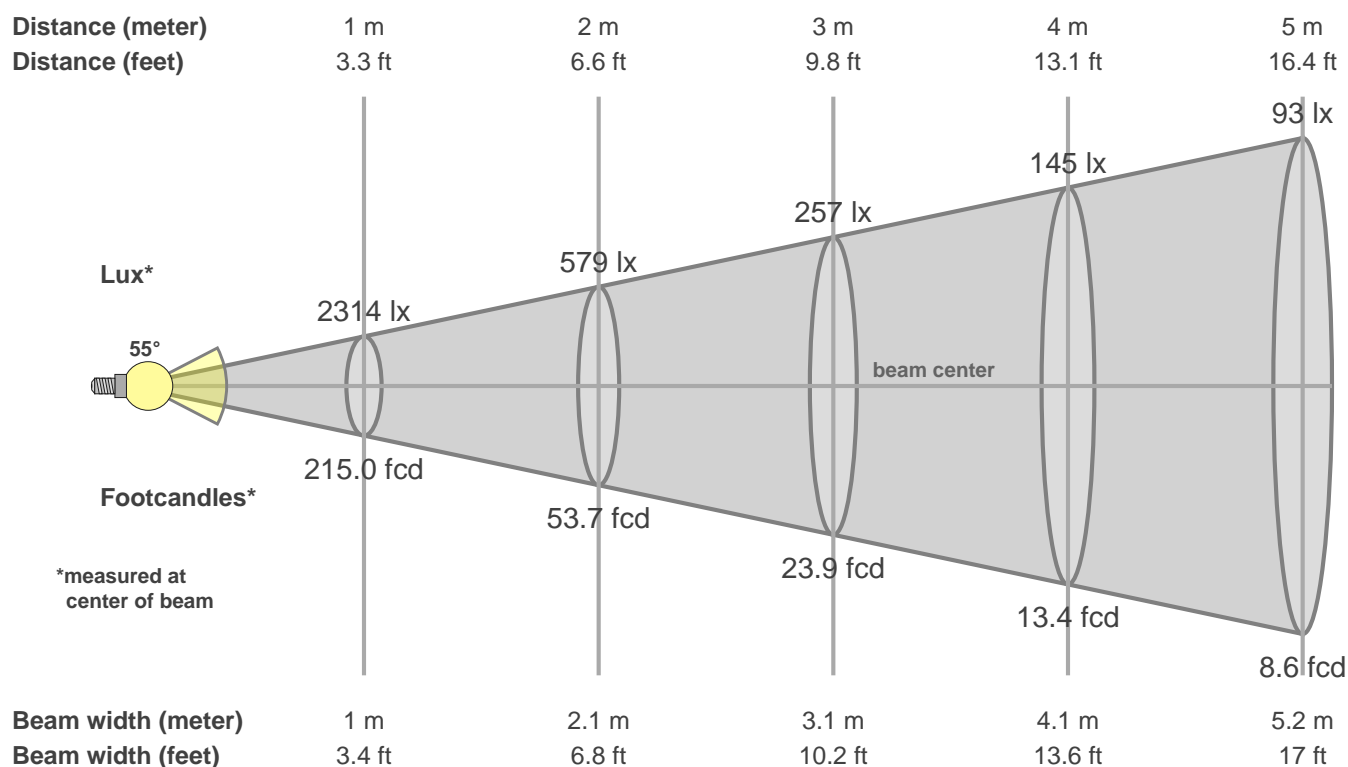
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.21	84.42	92.15	88.76	86.33	85.70	85.89	91.34	97.14	92.46	91.34	88.77	86.70	85.25	83.41

CQS: 87.1



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2686 K	95.8	83.3	92.3	99.6	87.1	0.5	0.4	0.3	0.3	0.0025



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°
2314	2310	2269	2216	2128	2035	1928	1819	1708	1599	1491	1395	1301	1217	1134	1061	973	838	674	477
100%	100%	98%	96%	92%	88%	83%	79%	74%	69%	64%	60%	56%	53%	49%	46%	42%	36%	29%	21%

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°
2314	2310	2269	2216	2128	2035	1928	1819	1708	1599	1491	1395	1301	1217	1134	1061	973	838	674	477
100%	100%	98%	96%	92%	88%	83%	79%	74%	69%	64%	60%	56%	53%	49%	46%	42%	36%	29%	21%

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°
2314	2300	2258	2194	2116	2020	1921	1818	1715	1607	1504	1405	1310	1218	1133	1049	951	833	641	455
100%	99%	98%	95%	91%	87%	83%	79%	74%	69%	65%	61%	57%	53%	49%	45%	41%	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°
2314	2300	2258	2194	2116	2020	1921	1818	1715	1607	1504	1405	1310	1218	1133	1049	951	833	641	455
100%	99%	98%	95%	91%	87%	83%	79%	74%	69%	65%	61%	57%	53%	49%	45%	41%	36%	28%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
54.8°	81.6°	102.9°	98.5%	94.7%