

Light efficiency:

37 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

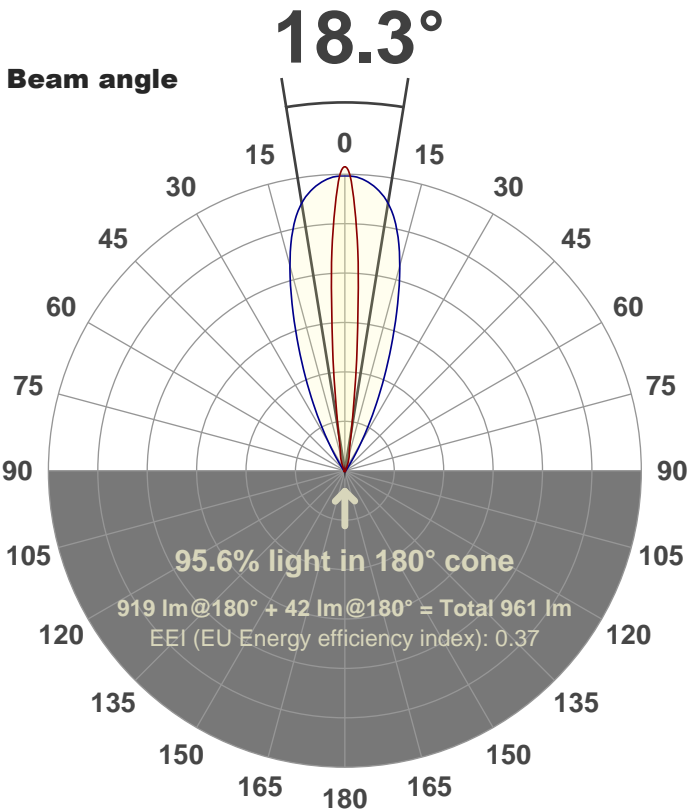
0 K

Output: 919 lm

Peak: 5302 cd

Power: 24.7 W

PF: 1.0



Product name:

FL25-CM-RGBW65K-IM-40X10-ELV-SM120-GREEN

Date and time:

10-Aug-18 2:43:33 PM

Additional Information:

LED: RGBW (6500K)

FIXTURE: FL25

FILM: 250269 (40°X10°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): GREEN

FWHM: 38.8°X10.2°

PERFORMED BY: ABDULLAH QURESHI

Color

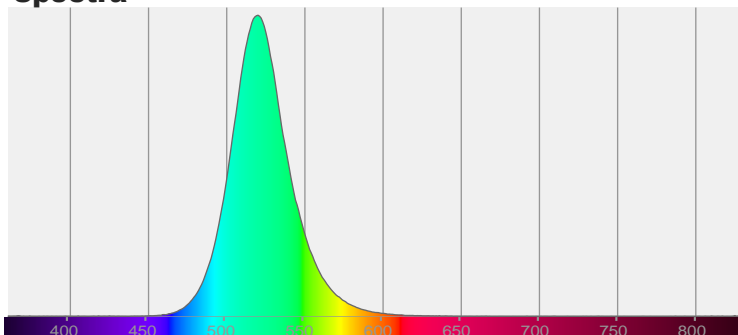


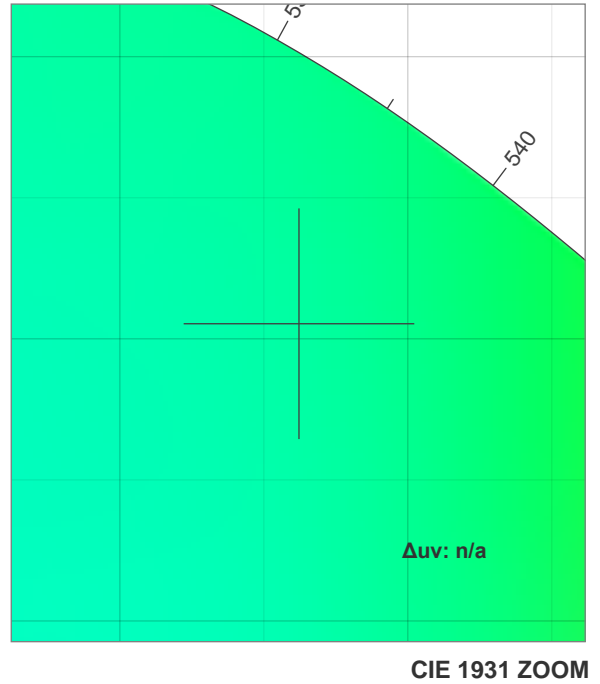
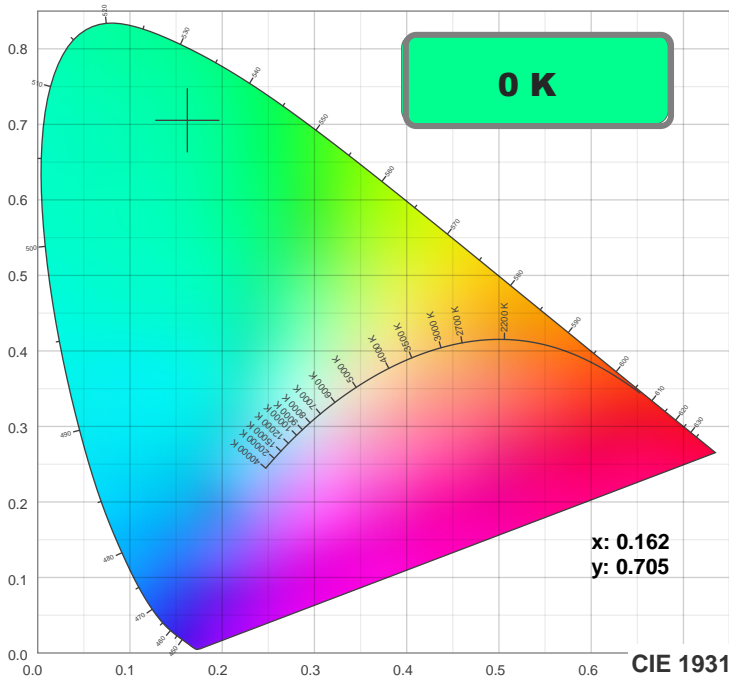
CIE 1931

x: 0.162

y: 0.705

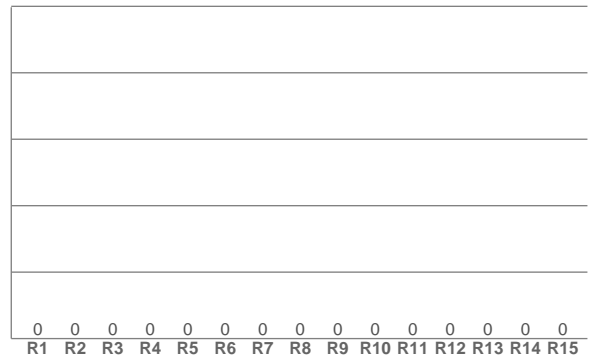
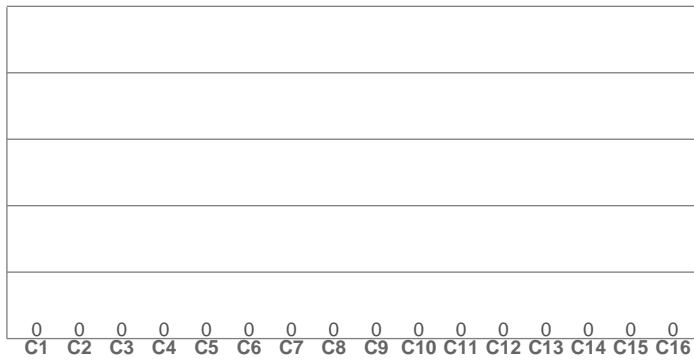
Spectra





TM30: 0.0

CRI: 0.0 (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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

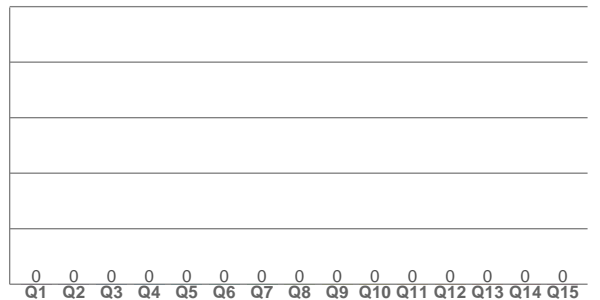
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

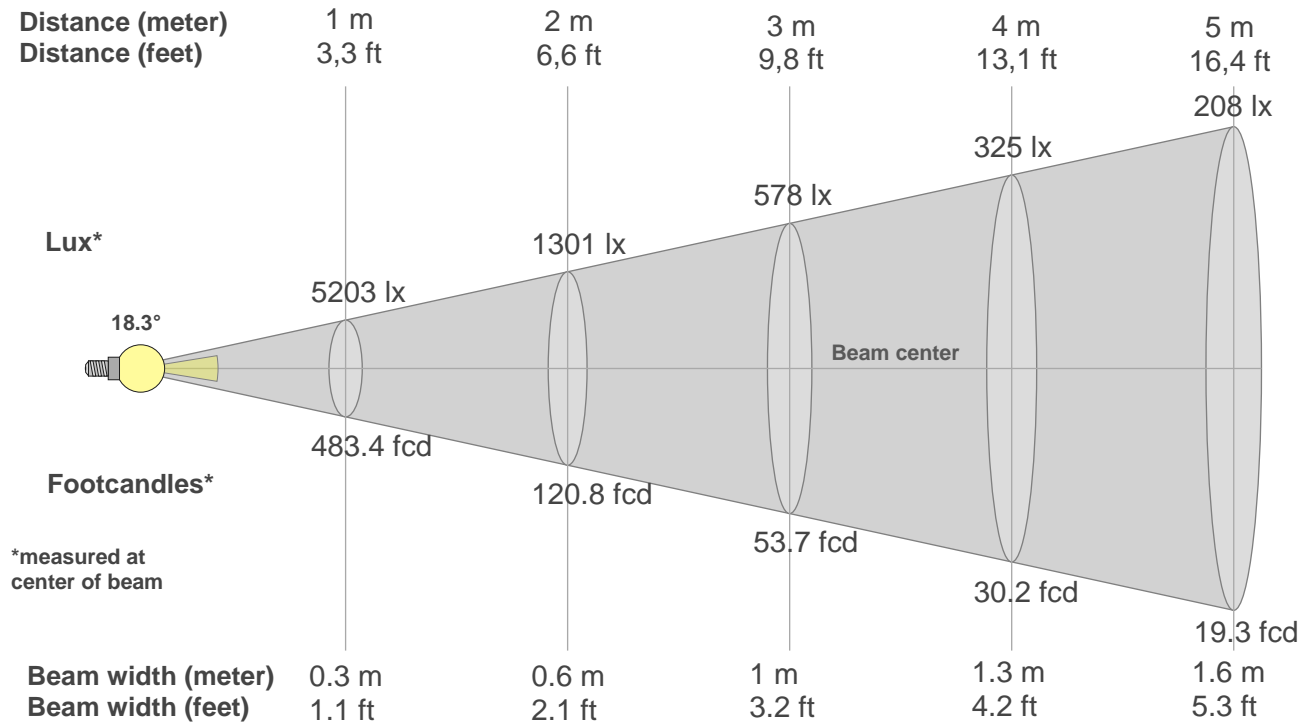
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS: 0.0



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.162	0.705	0.058	0.380	n/a



Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
5203lx	1301lx	578lx	325lx	208lx	145lx	106lx	81lx	64lx	52lx	43lx	36lx	31lx	27lx	23lx	20lx	18lx	16lx	14lx	13lx
483.4fcd	120.8fcd	53.7fcd	30.2fcd	19.3fcd	13.4fcd	9.9fcd	7.6fcd	6fcd	4.8fcd	4fcd	3.4fcd	2.9fcd	2.5fcd	2.1fcd	1.9fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd

Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5203	5302	4748	4175	3493	2743	2062	1569	1076	839	626	494	424	363	336	309	285	262	238	213
100%	102%	91%	80%	67%	53%	40%	30%	21%	16%	12%	9%	8%	7%	6%	6%	5%	5%	5%	4%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5203	5298	5289	5262	5235	5184	5132	5062	4981	4888	4761	4634	4452	4266	4048	3809	3563	3296	3029	2768
100%	102%	102%	101%	101%	100%	99%	97%	96%	94%	92%	89%	86%	82%	78%	73%	68%	63%	58%	53%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5203	5302	4748	4175	3493	2743	2062	1569	1076	839	626	494	424	363	336	309	285	262	238	213
100%	102%	91%	80%	67%	53%	40%	30%	21%	16%	12%	9%	8%	7%	6%	6%	5%	5%	5%	4%

Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5203	5298	5289	5262	5235	5184	5132	5062	4981	4888	4761	4634	4452	4266	4048	3809	3563	3296	3029	2768
100%	102%	102%	101%	101%	100%	99%	97%	96%	94%	92%	89%	86%	82%	78%	73%	68%	63%	58%	53%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18.3°	33.9°	57.8°	90.9%	87.5%