

Light efficiency:

33 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 3268 lm

Peak: 5132 cd

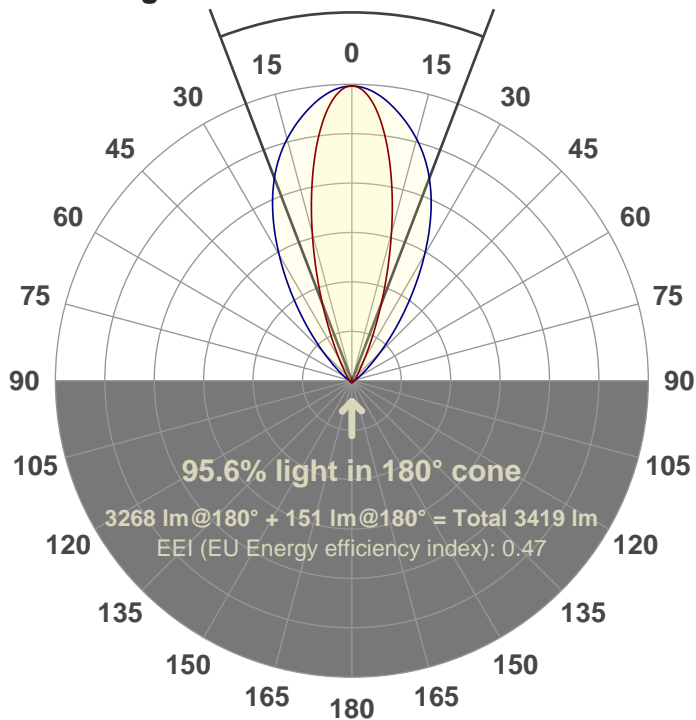
Power: 98.5 W

PF: 1.0



41.9°

Beam angle



Product name:

FL100-CM-RGBW65K-IM-60X30-ELV-SM-GREEN

Date and time:

12-Jun-18 12:23:10 PM

Additional Information:

LED: RGBW

FIXTURE: FL100

FILM: 250235 (60°X30°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): GREEN

FWHM: 59.6°X30.9°

PERFORMED BY: ABDULLAH QURESHI

Color

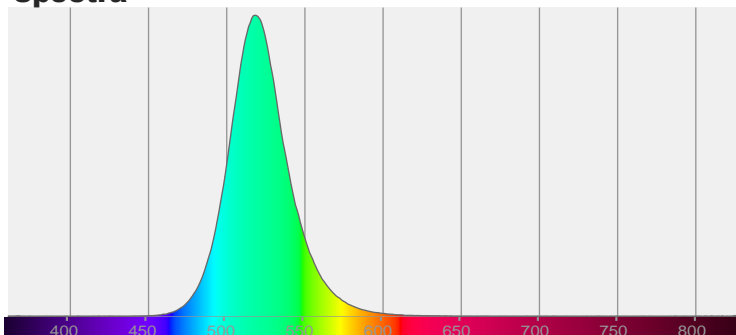


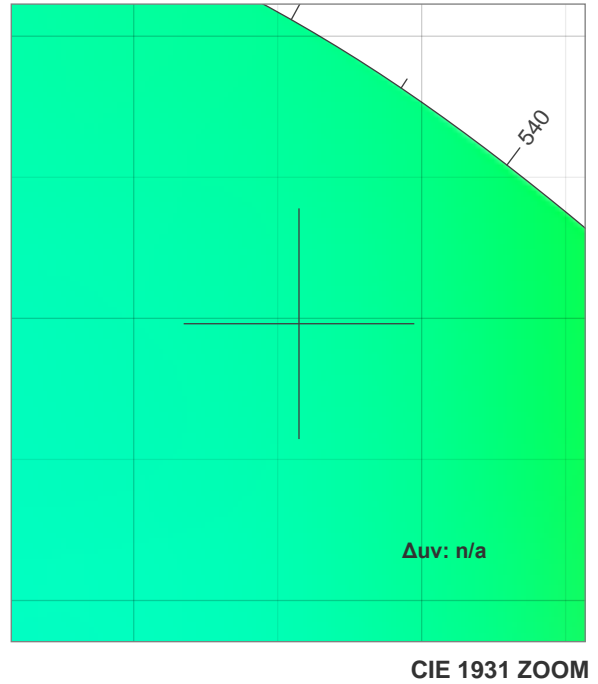
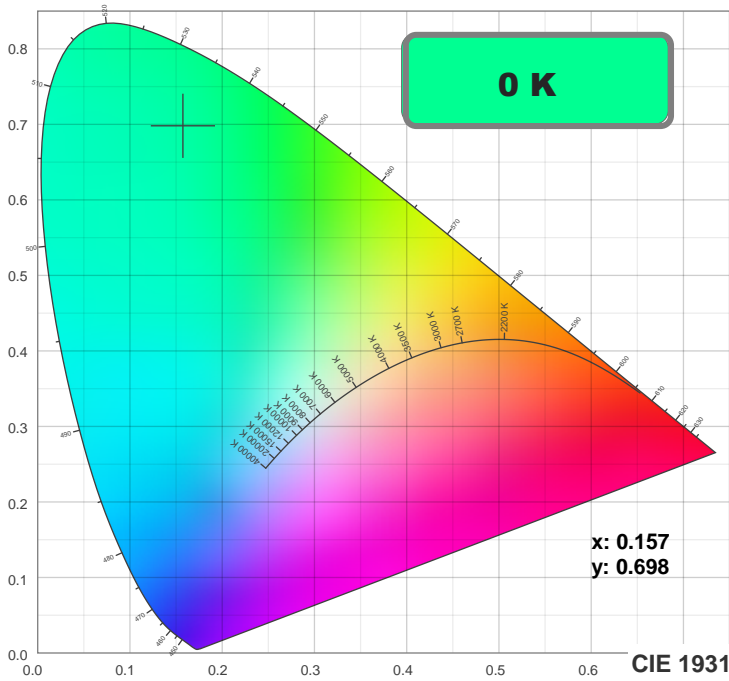
CIE 1931

x: 0.157

y: 0.698

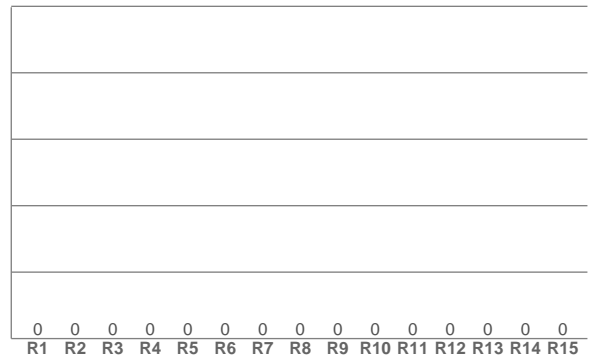
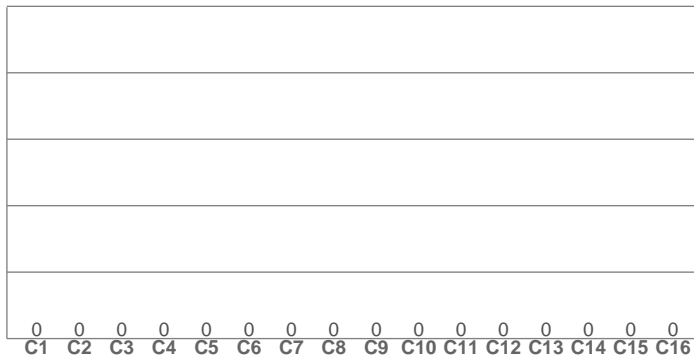
Spectra





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

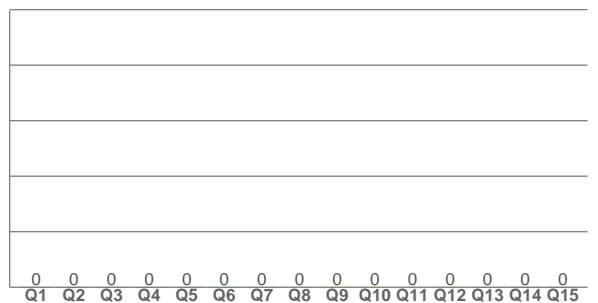
TM30 C values, 16 binned values out of total of 99 C values

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

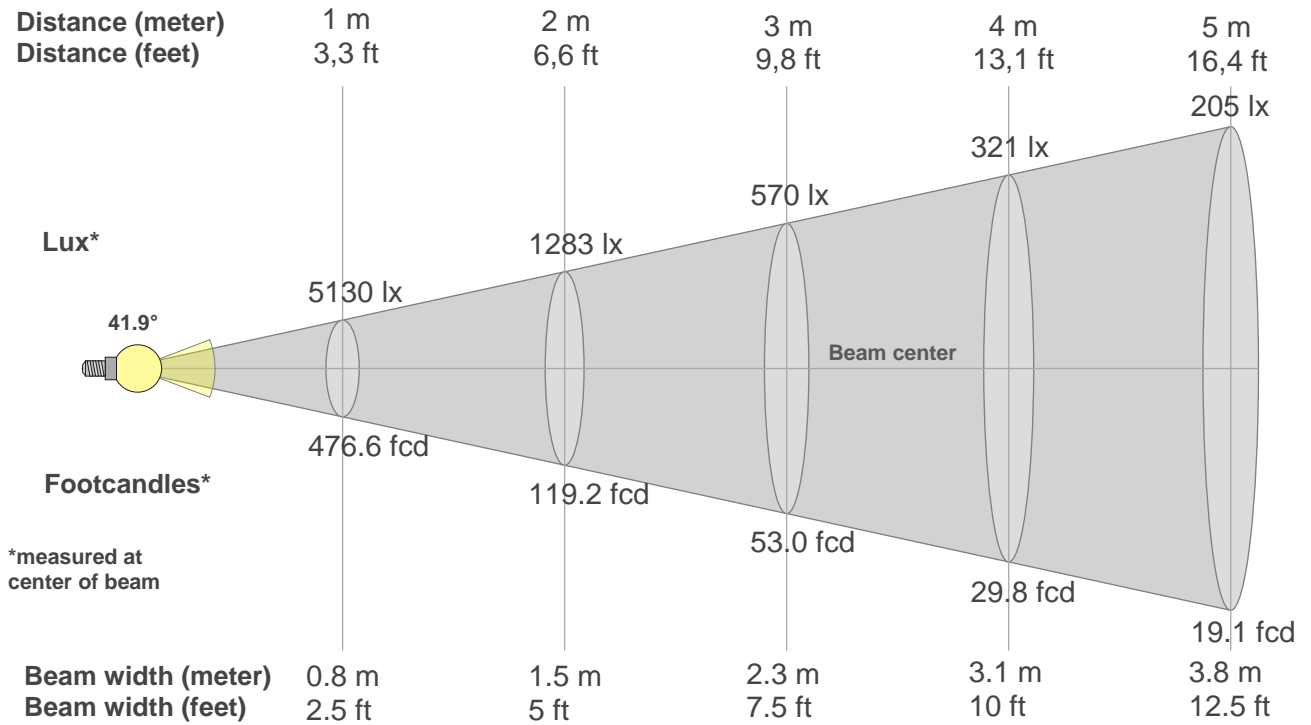
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.157	0.698	0.057	0.379	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
5130lx	1283lx	570lx	321lx	205lx	143lx	105lx	80lx	63lx	51lx	42lx	36lx	30lx	26lx	23lx	20lx	18lx	16lx	14lx	13lx
476.6fcd	119.2fcd	53fcd	29.8fcd	19.1fcd	13.2fcd	9.7fcd	7.4fcd	5.9fcd	4.8fcd	3.9fcd	3.3fcd	2.8fcd	2.4fcd	2.1fcd	1.9fcd	1.6fcd	1.5fcd	1.3fcd	1.2fcd

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°
5130	5069	4888	4606	4243	3820	3365	2898	2436	1999	1602	1255	967	739	566	438	348	283	237	201
100%	99%	95%	90%	83%	74%	66%	56%	47%	39%	31%	24%	19%	14%	11%	9%	7%	6%	5%	4%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5130	5112	5056	4968	4857	4729	4590	4437	4272	4087	3881	3648	3395	3121	2832	2533	2236	1944	1666	1406
100%	100%	99%	97%	95%	92%	89%	86%	83%	80%	76%	71%	66%	61%	55%	49%	44%	38%	32%	27%

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°
5130	5069	4888	4606	4243	3820	3365	2898	2436	1999	1602	1255	967	739	566	438	348	283	237	201
100%	99%	95%	90%	83%	74%	66%	56%	47%	39%	31%	24%	19%	14%	11%	9%	7%	6%	5%	4%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5130	5112	5056	4968	4857	4729	4590	4437	4272	4087	3881	3648	3395	3121	2832	2533	2236	1944	1666	1406
100%	100%	99%	97%	95%	92%	89%	86%	83%	80%	76%	71%	66%	61%	55%	49%	44%	38%	32%	27%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
41.9°	73.7°	107.1°	90.4%	83.8%