

Light efficiency:

39 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

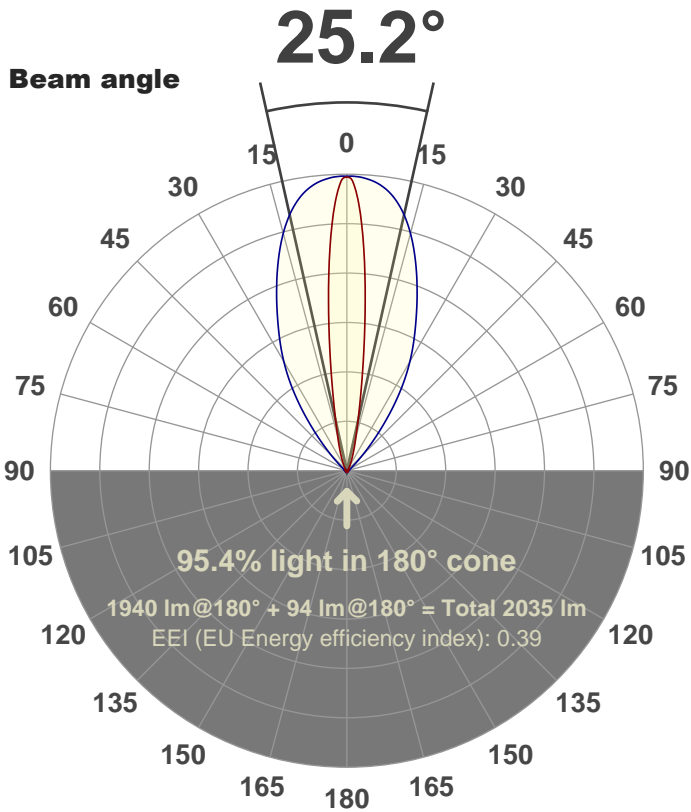
0 K

Output: 1940 lm

Peak: 6019 cd

Power: 50.0 W

PF: 1.0



Product name:

FL50-CM-RGBW65K-IM-60X10-ELV-SM-GREEN

Date and time:

01-Jun-18 1:20:37 PM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250265 (60°X10°)

COLORAMP: ON

STABILIZED: YES

COLOR (RGBW): GREEN

FWHM: 54.2°X14.1°

PERFORMED BY: ABDULLAH QURESHI

Color

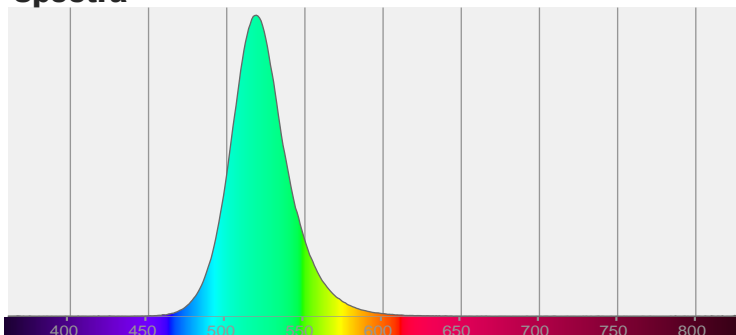


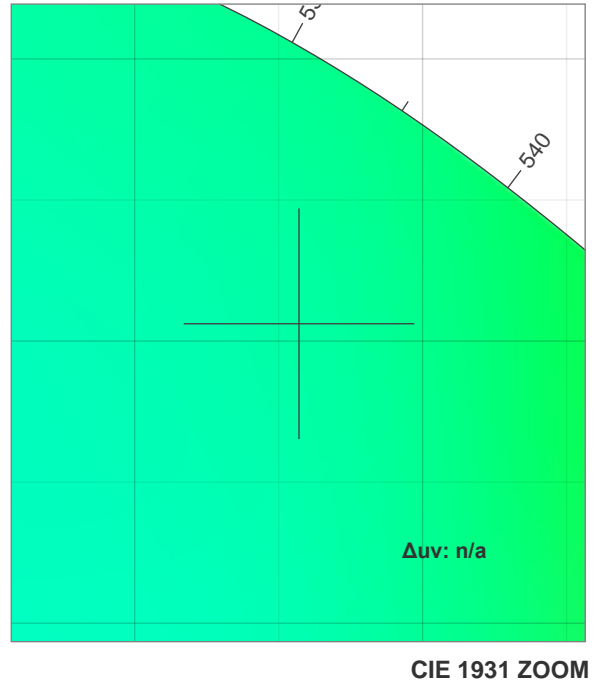
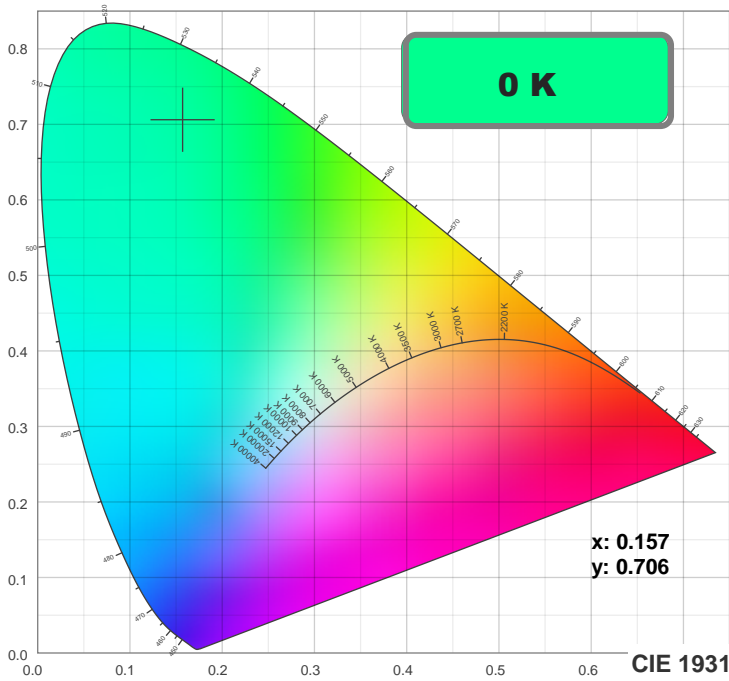
CIE 1931

x: 0.157

y: 0.706

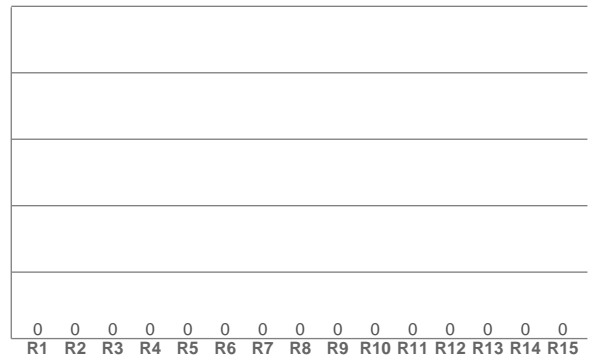
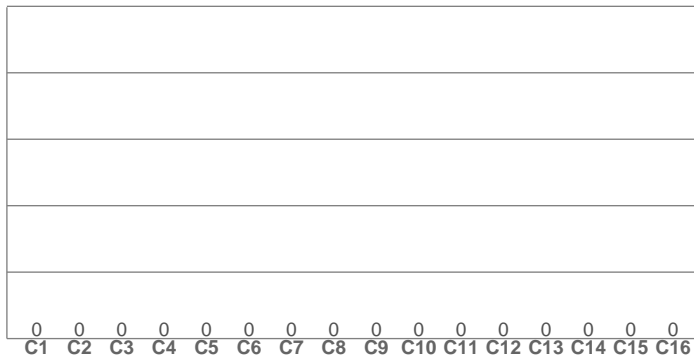
Spectra





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

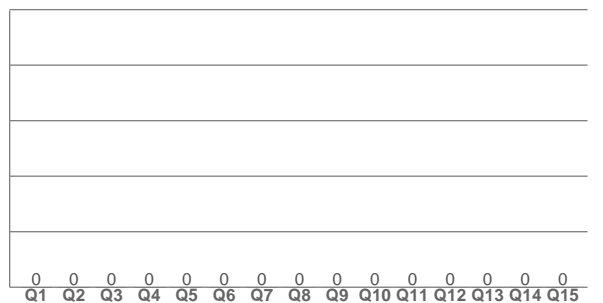
TM30 C values, 16 binned values out of total of 99 C values

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

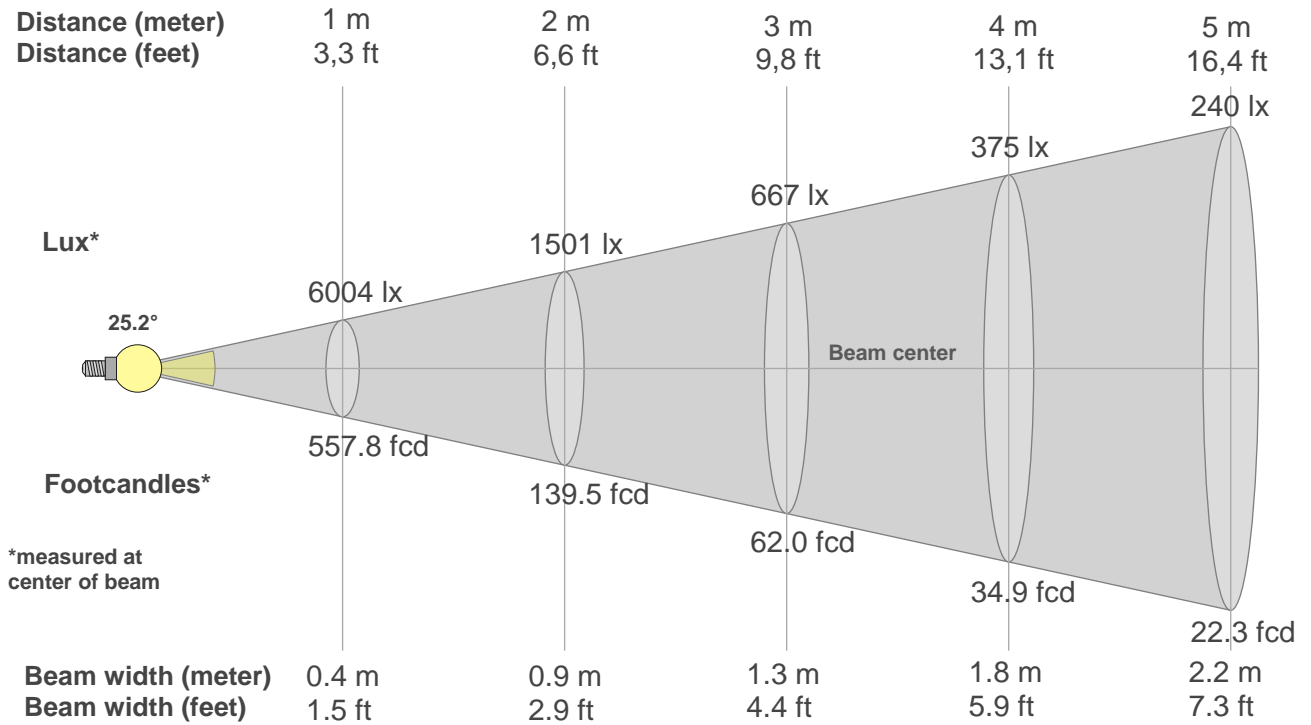
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.706	0.056	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
6004lx	1501lx	667lx	375lx	240lx	167lx	123lx	94lx	74lx	60lx	50lx	42lx	36lx	31lx	27lx	23lx	21lx	19lx	17lx	15lx
557.8fcd	139.5fcd	62fcd	34.9fcd	22.3fcd	15.5fcd	11.4fcd	8.7fcd	6.9fcd	5.6fcd	4.6fcd	3.9fcd	3.3fcd	2.8fcd	2.5fcd	2.2fcd	1.9fcd	1.7fcd	1.5fcd	1.4fcd

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°
6004	5652	4740	3584	2499	1689	1159	833	626	481	372	290	229	182	147	121	101	85	73	63
100%	94%	79%	60%	42%	28%	19%	14%	10%	8%	6%	5%	4%	3%	2%	2%	2%	1%	1%	1%

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°
6004	6007	5971	5905	5796	5639	5426	5164	4859	4524	4178	3829	3491	3175	2875	2573	2260	1929	1595	1269
100%	100%	99%	98%	97%	94%	90%	86%	81%	75%	70%	64%	58%	53%	48%	43%	38%	32%	27%	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°
6004	5652	4740	3584	2499	1689	1159	833	626	481	372	290	229	182	147	121	101	85	73	63
100%	94%	79%	60%	42%	28%	19%	14%	10%	8%	6%	5%	4%	3%	2%	2%	2%	1%	1%	1%

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°
6004	6007	5971	5905	5796	5639	5426	5164	4859	4524	4178	3829	3491	3175	2875	2573	2260	1929	1595	1269
100%	100%	99%	98%	97%	94%	90%	86%	81%	75%	70%	64%	58%	53%	48%	43%	38%	32%	27%	21%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25.2°	49.7°	76.4°	90.4%	85.4%