

Light efficiency:



Light quality:



Color temperature:

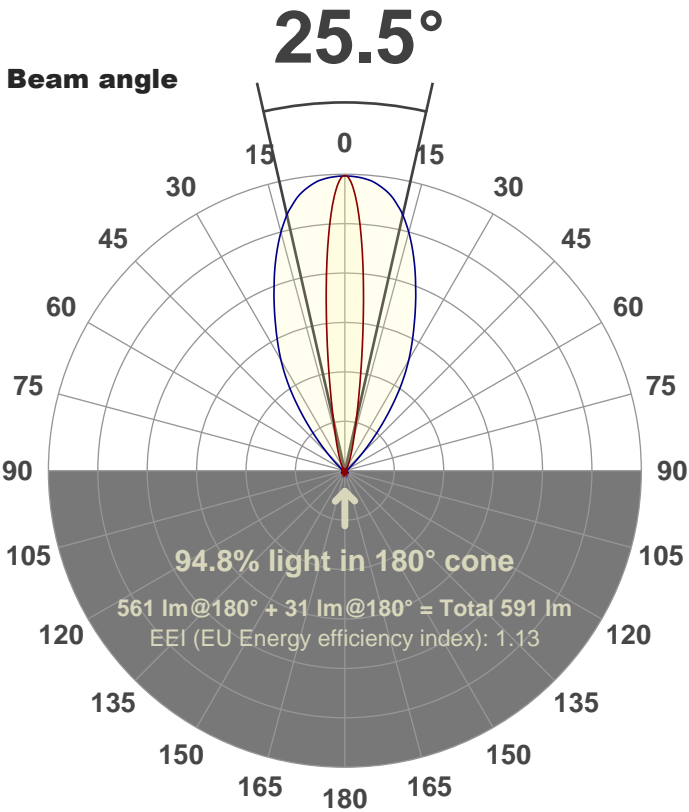


Output: 561 lm

Peak: 1693 cd

Power: 50.0 W

PF: 1.0



Product name:

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

Date and time:

01-Jun-18 12:48:27 PM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250265 (60°X10°)

COLORAMP: ON

STABILIZED: YES

COLOR (RGBW): BLUE

FWHM: 54.6°X14.3°

PERFORMED BY: ABDULLAH QURESHI

Color

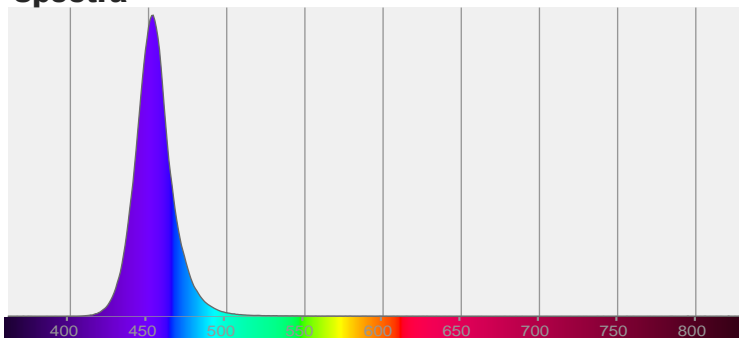


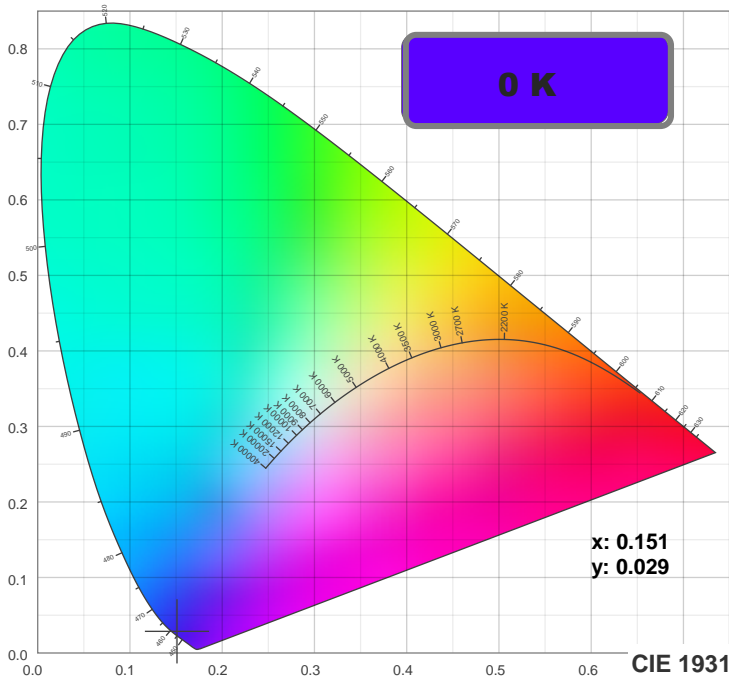
CIE 1931

x: 0.151

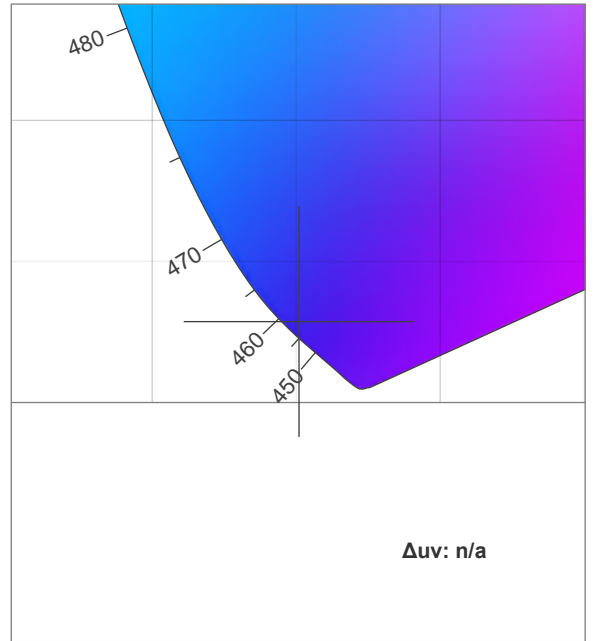
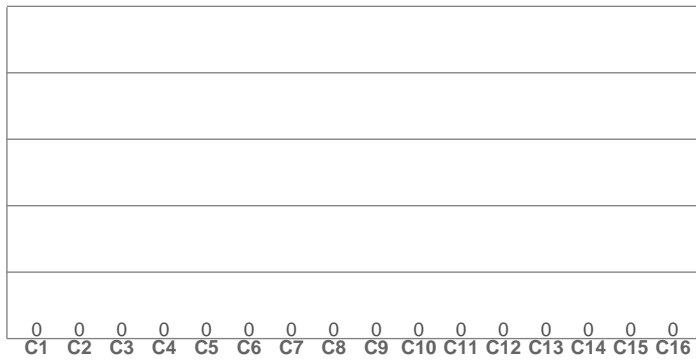
y: 0.029

Spectra



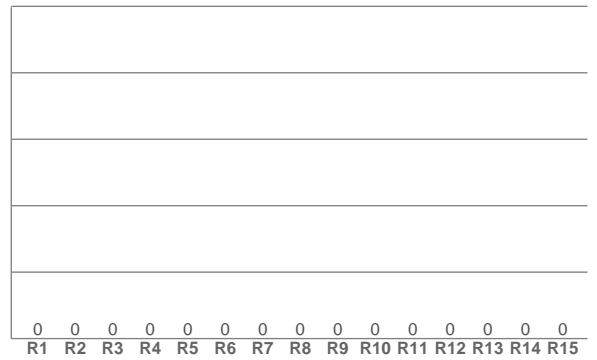


TM30: 0.0

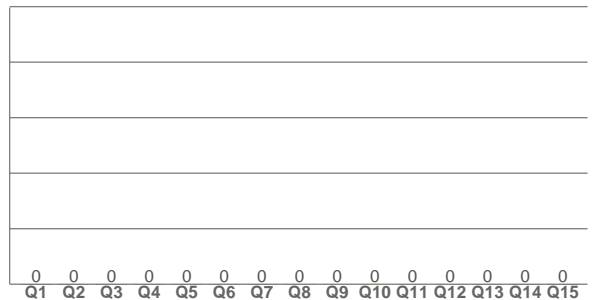


CIE 1931 ZOOM

CRI: 0.0 (R1-R8)



CQS: 0.0



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

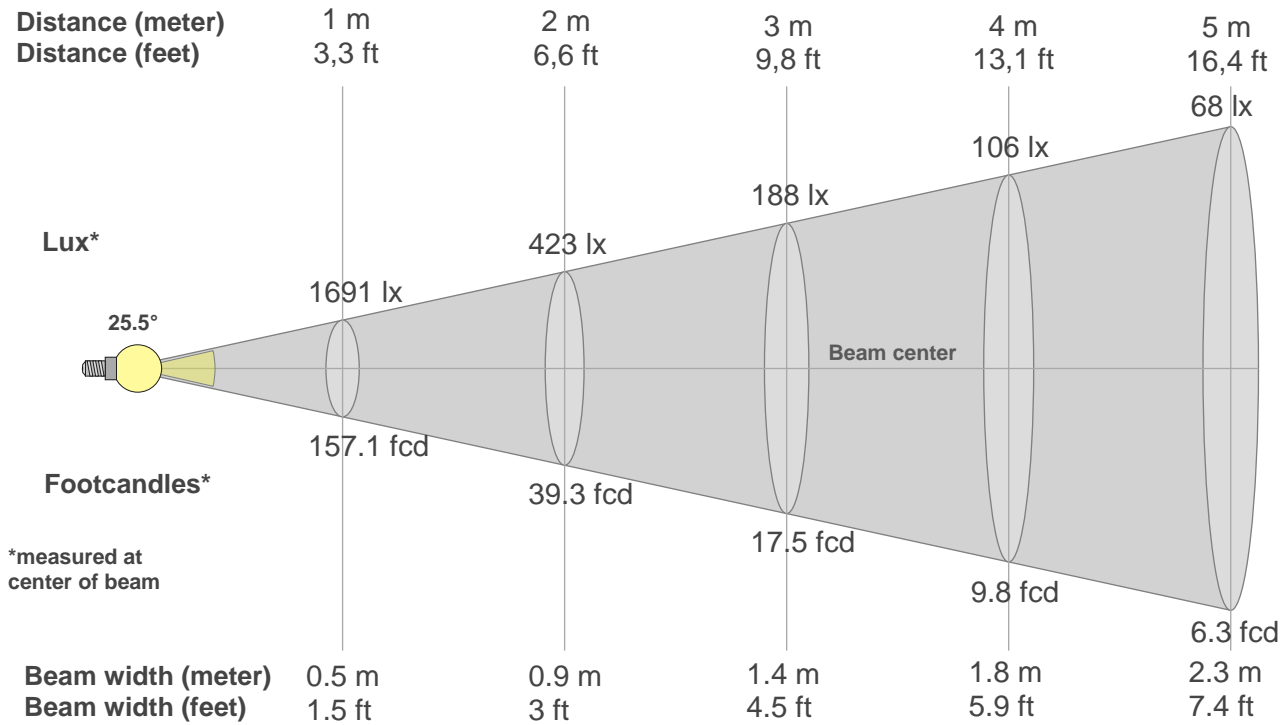
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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	0.151	0.029	0.199	0.057	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
1691lx	423lx	188lx	106lx	68lx	47lx	35lx	26lx	21lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
157.1fcd	39.3fcd	17.5fcd	9.8fcd	6.3fcd	4.4fcd	3.2fcd	2.5fcd	1.9fcd	1.6fcd	1.3fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd

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°
1691	1595	1347	1025	723	491	336	241	180	137	106	83	65	52	42	35	29	25	21	19
100%	94%	80%	61%	43%	29%	20%	14%	11%	8%	6%	5%	4%	3%	3%	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°
1691	1691	1682	1664	1633	1591	1533	1460	1375	1283	1185	1088	993	903	818	734	647	556	461	371
100%	100%	99%	98%	97%	94%	91%	86%	81%	76%	70%	64%	59%	53%	48%	43%	38%	33%	27%	22%

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°
1691	1595	1347	1025	723	491	336	241	180	137	106	83	65	52	42	35	29	25	21	19
100%	94%	80%	61%	43%	29%	20%	14%	11%	8%	6%	5%	4%	3%	3%	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°
1691	1691	1682	1664	1633	1591	1533	1460	1375	1283	1185	1088	993	903	818	734	647	556	461	371
100%	100%	99%	98%	97%	94%	91%	86%	81%	76%	70%	64%	59%	53%	48%	43%	38%	33%	27%	22%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25.5°	50.3°	77°	89.5%	84.3%