

**Light efficiency:**



**Light quality:**



**Color temperature:**



**Output: 556 lm**

**Peak: 831 cd**

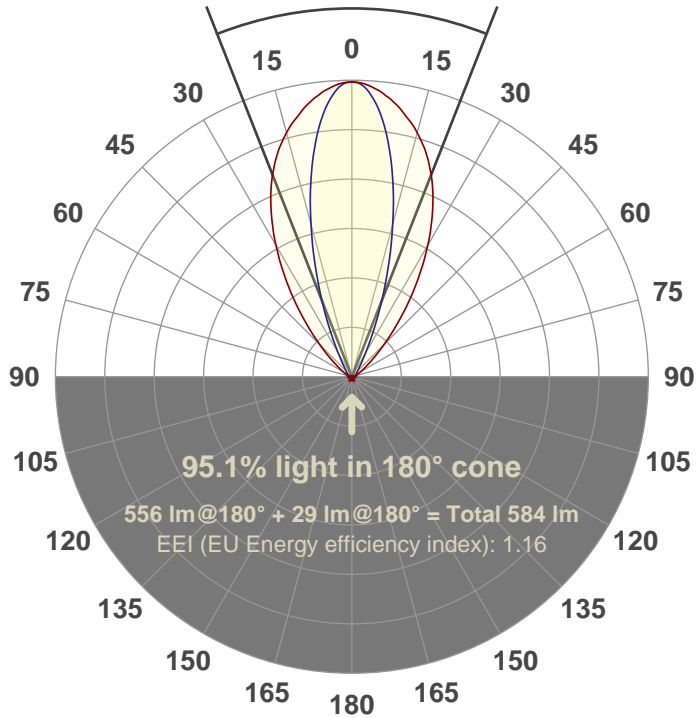
**Power: 50.0 W**

**PF: 1.0**



**42.9°**

**Beam angle**



**Color**



**CIE 1931**  
**x: 0.151**  
**y: 0.029**

**Product name:**

**FL50-CM-RGBW65K-IM-30X60-ELV-SM-BLUE**

**Date and time:**

**01-Jun-18 3:57:49 PM**

**Additional Information:**

**LED: RGBW**

**FIXTURE: FL50**

**FILM: 250262 (30°X60°)**

**COLORAMP: ON**

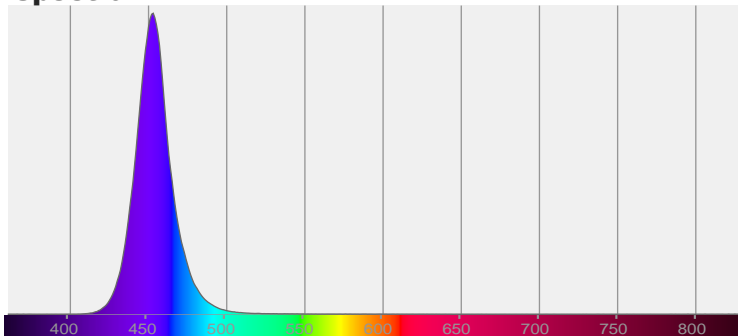
**STABILIZED: YES**

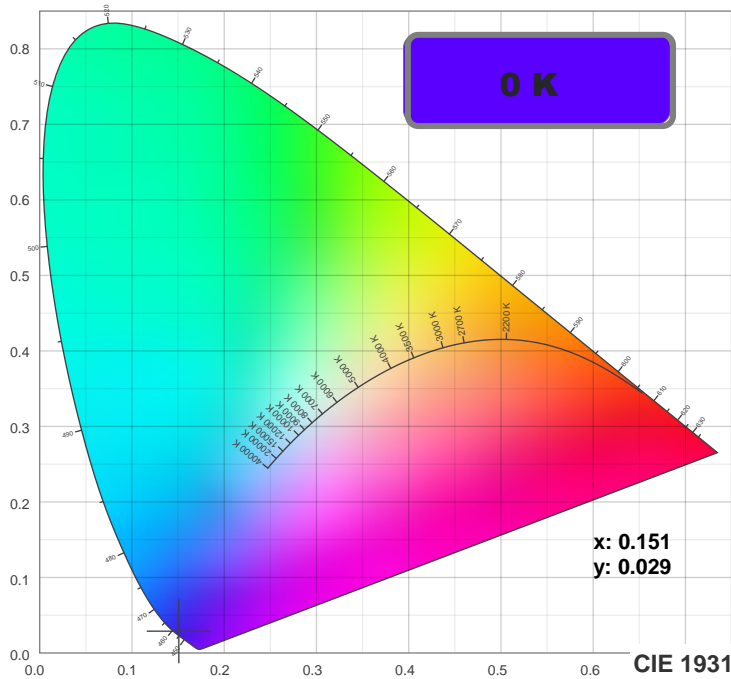
**COLOR (RGBW): BLUE**

**FWHM: 31.6°X61°**

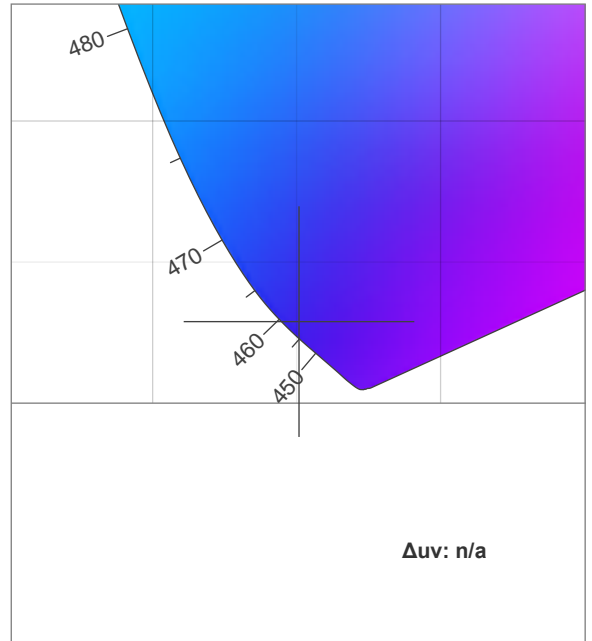
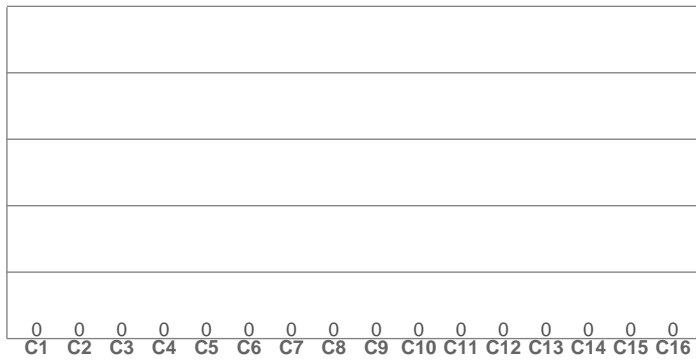
**PERFORMED BY: ABDULLAH QURESHI**

**Spectra**



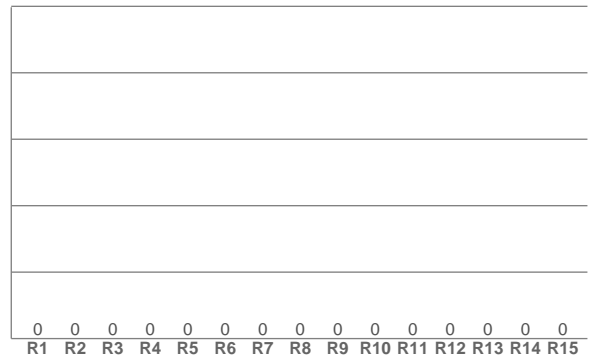


TM30: 0.0

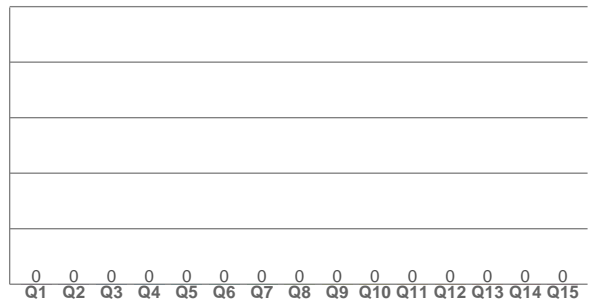


CIE 1931 ZOOM

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

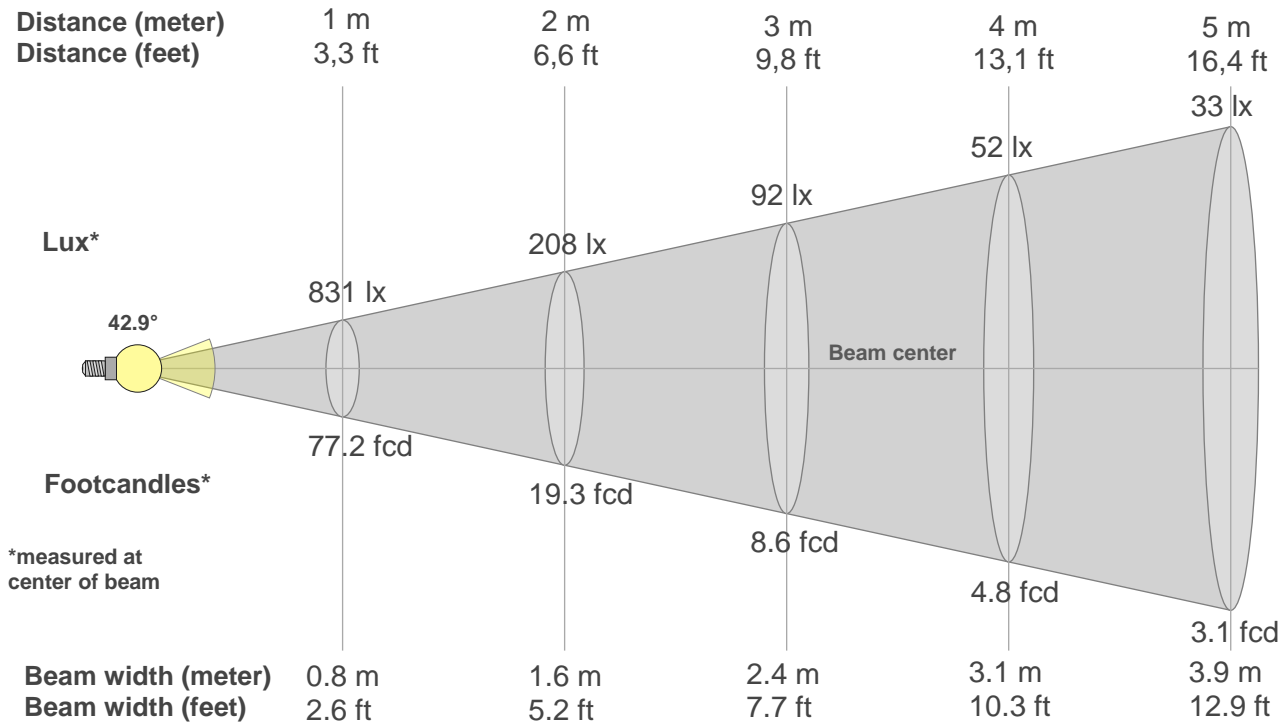
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	$\Delta uv$
0 K	0.0	0.0	0.0	0.0	0.0	0.151	0.029	0.198	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
831lx	208lx	92lx	52lx	33lx	23lx	17lx	13lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx
77.2fcd	19.3fcd	8.6fcd	4.8fcd	3.1fcd	2.1fcd	1.6fcd	1.2fcd	1fcd	0.8fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd

### 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°
831	828	819	806	790	770	748	725	699	670	637	601	562	519	474	428	382	335	291	248
100%	100%	99%	97%	95%	93%	90%	87%	84%	81%	77%	72%	68%	62%	57%	52%	46%	40%	35%	30%

### 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°
831	823	794	750	694	629	557	483	409	338	273	216	168	129	99	77	60	50	41	35
100%	99%	96%	90%	84%	76%	67%	58%	49%	41%	33%	26%	20%	15%	12%	9%	7%	6%	5%	4%

### 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°
831	828	819	806	790	770	748	725	699	670	637	601	562	519	474	428	382	335	291	248
100%	100%	99%	97%	95%	93%	90%	87%	84%	81%	77%	72%	68%	62%	57%	52%	46%	40%	35%	30%

### 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°
831	823	794	750	694	629	557	483	409	338	273	216	168	129	99	77	60	50	41	35
100%	99%	96%	90%	84%	76%	67%	58%	49%	41%	33%	26%	20%	15%	12%	9%	7%	6%	5%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
42.9°	75.4°	110.8°	89.5%	82.6%