

**Light efficiency:**



**Light quality:**



**Color temperature:**

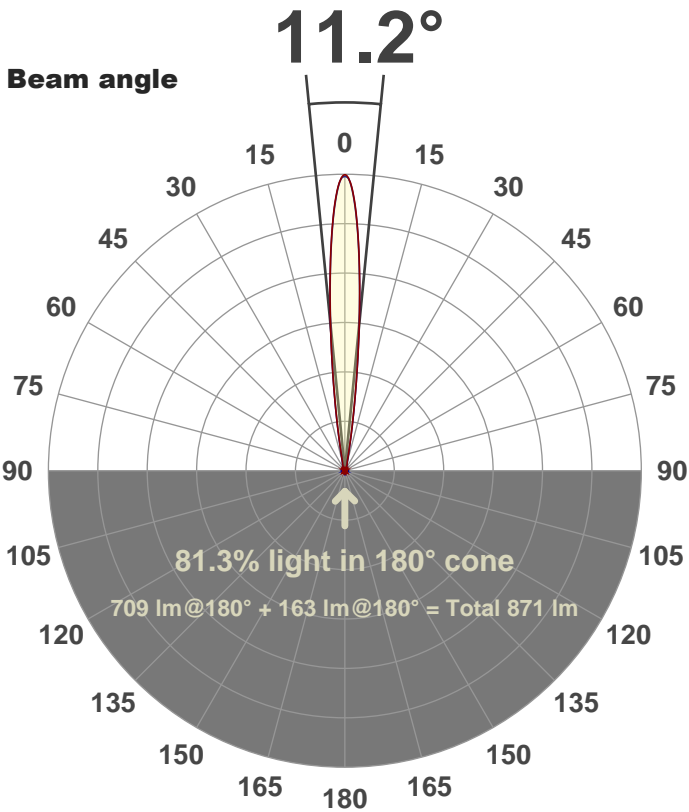


**Output: 709 lm**

**Peak: 9318 cd**

**Power: 50.3 W**

**PF: 1.0**



**Product name:**

**FL50-CM-RGBW65K-IM-10-ELV-SM-BLUE**

**Date and time:**

**22-May-18 3:11:37 PM**

**Additional Information:**

**LED: RGBW**

**FIXTURE: FL50**

**FILM: 250251 (BEAM MIXING)**

**COLORAMP: ON**

**STABILIZED: YES**

**COLOR (RGBW): BLUE**

**PERFORMED BY: ABDULLAH QURESHI**

**Color**

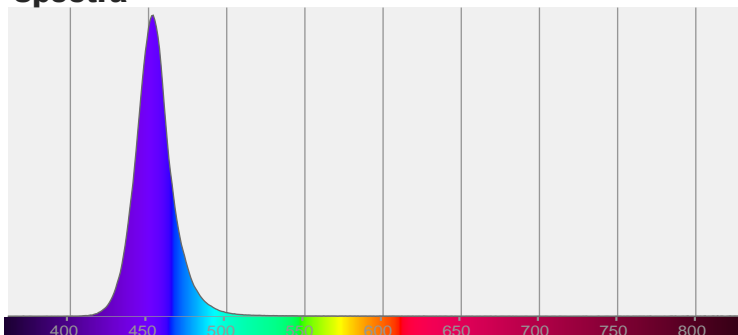


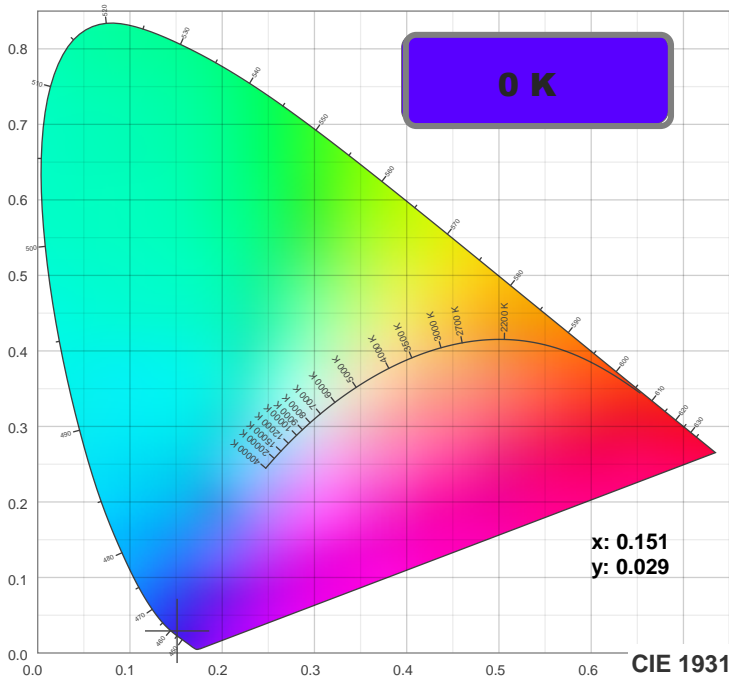
**CIE 1931**

**x: 0.151**

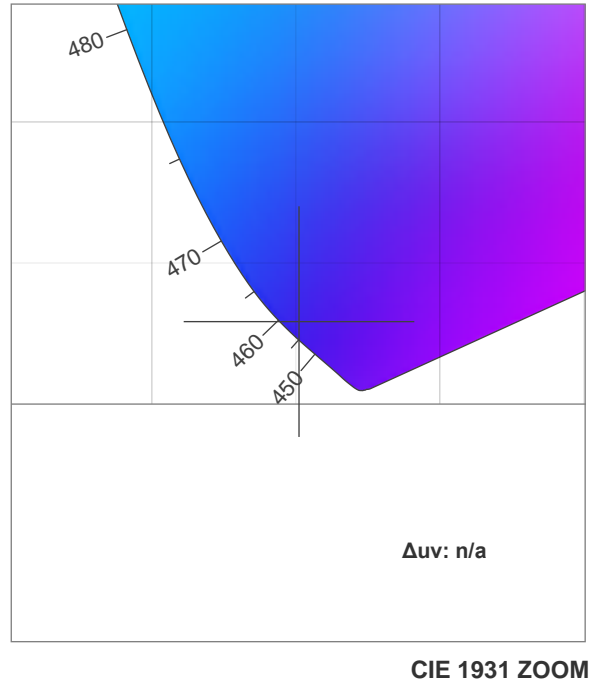
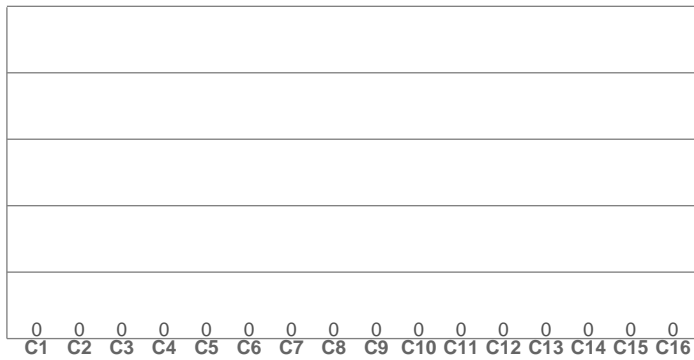
**y: 0.029**

**Spectra**

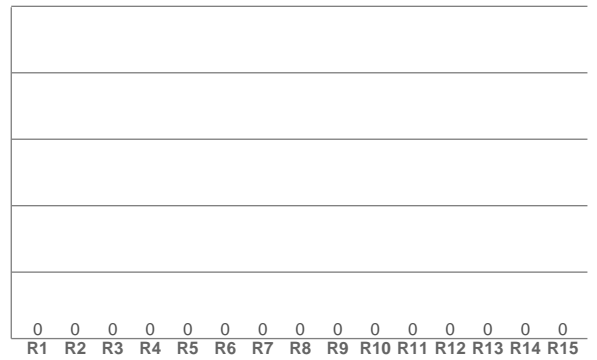




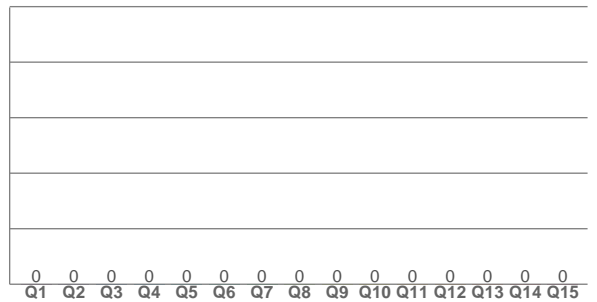
TM30: 0.0



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

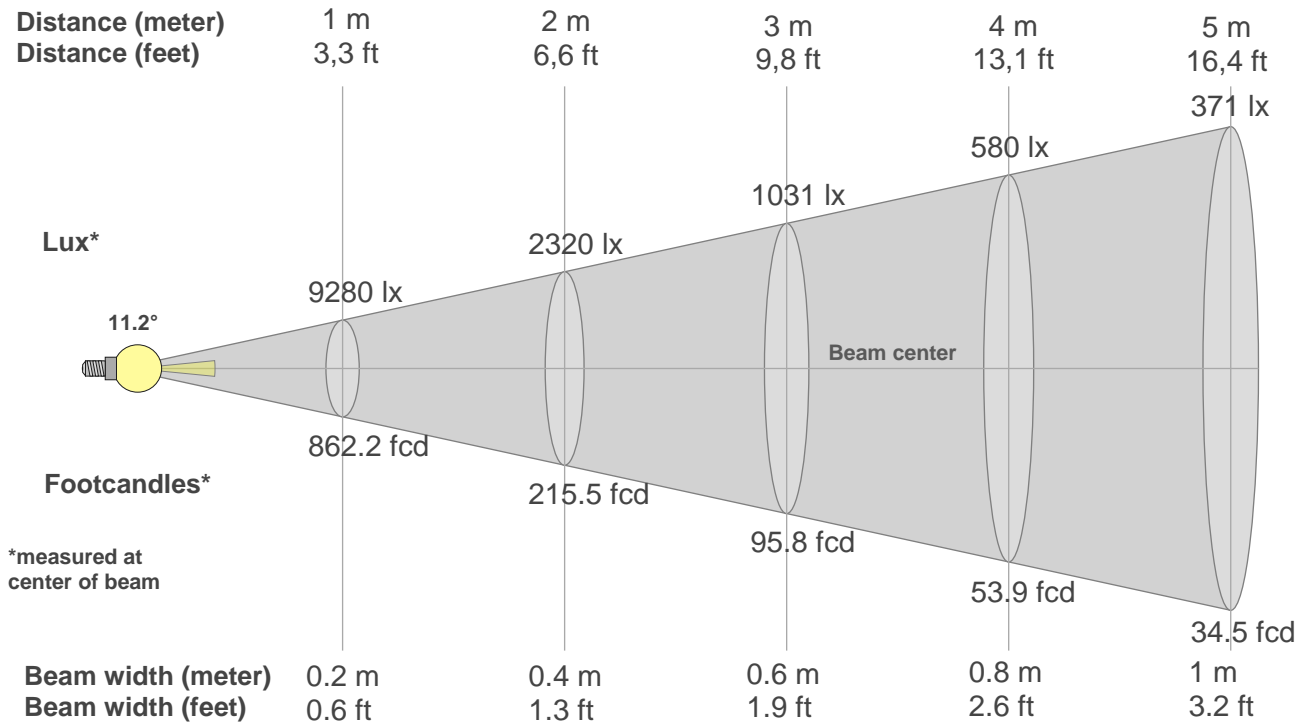
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.058	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
9280lx	2320lx	1031lx	580lx	371lx	258lx	189lx	145lx	115lx	93lx	77lx	64lx	55lx	47lx	41lx	36lx	32lx	29lx	26lx	23lx
862.2fcd	215.5fcd	95.8fcd	53.9fcd	34.5fcd	23.9fcd	17.6fcd	13.5fcd	10.6fcd	8.6fcd	7.1fcd	6fcd	5.1fcd	4.4fcd	3.8fcd	3.4fcd	3fcd	2.7fcd	2.4fcd	2.2fcd

### 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°
9280	9118	8542	7650	6553	5367	4203	3147	2284	1609	1112	773	557	426	346	301	270	251	232	213
100%	98%	92%	82%	71%	58%	45%	34%	25%	17%	12%	8%	6%	5%	4%	3%	3%	3%	2%	2%

### 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°
9280	9089	8499	7605	6506	5329	4173	3135	2274	1614	1131	798	580	448	367	314	281	254	231	216
100%	98%	92%	82%	70%	57%	45%	34%	25%	17%	12%	9%	6%	5%	4%	3%	3%	3%	2%	2%

### 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°
9280	9118	8542	7650	6553	5367	4203	3147	2284	1609	1112	773	557	426	346	301	270	251	232	213
100%	98%	92%	82%	71%	58%	45%	34%	25%	17%	12%	8%	6%	5%	4%	3%	3%	3%	2%	2%

### 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°
9280	9089	8499	7605	6506	5329	4173	3135	2274	1614	1131	798	580	448	367	314	281	254	231	216
100%	98%	92%	82%	70%	57%	45%	34%	25%	17%	12%	9%	6%	5%	4%	3%	3%	3%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11.2°	20.9°	36.3°	69.8%	64.6%