

**Light efficiency:**

**11 Lumen/Watt**

**Light quality:**

**CRI: 0.0**

**Color temperature:**

**0 K**

**Output: 556 lm**

**Peak: 848 cd**

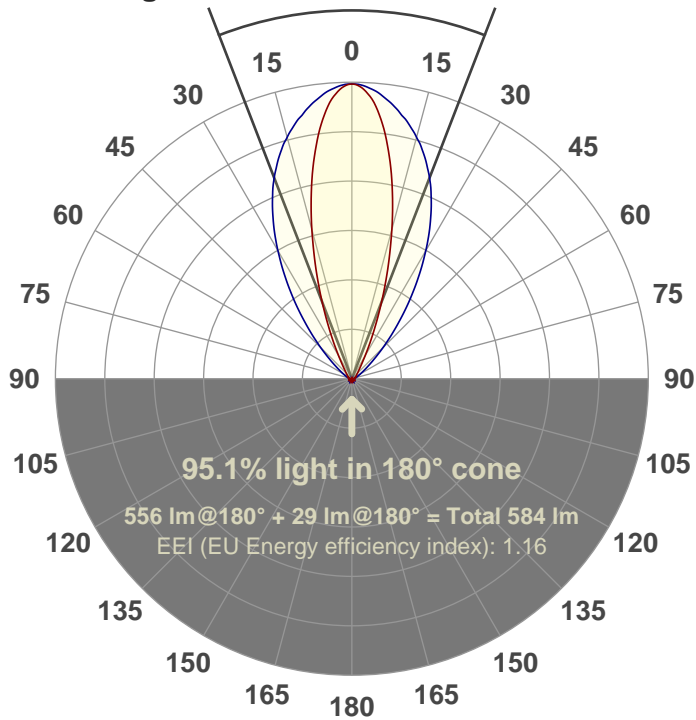
**Power: 50.0 W**

**PF: 1.0**

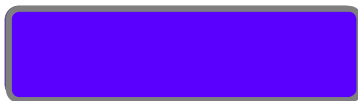


**42.3°**

**Beam angle**



**Color**



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

**Product name:**

**FL50-CM-RGBW65K-IM-60X30-ELV-SM-BLUE**

**Date and time:**

**04-Jun-18 9:59:48 AM**

**Additional Information:**

**LED: RGBW**

**FIXTURE: FL50**

**FILM: 250267 (60°X30°)**

**COLORAMP: ON**

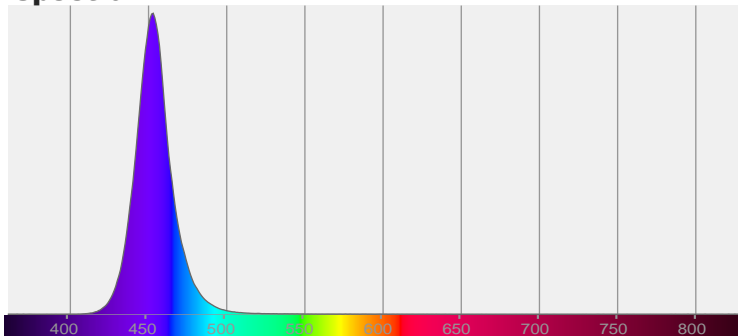
**STABILIZED: YES**

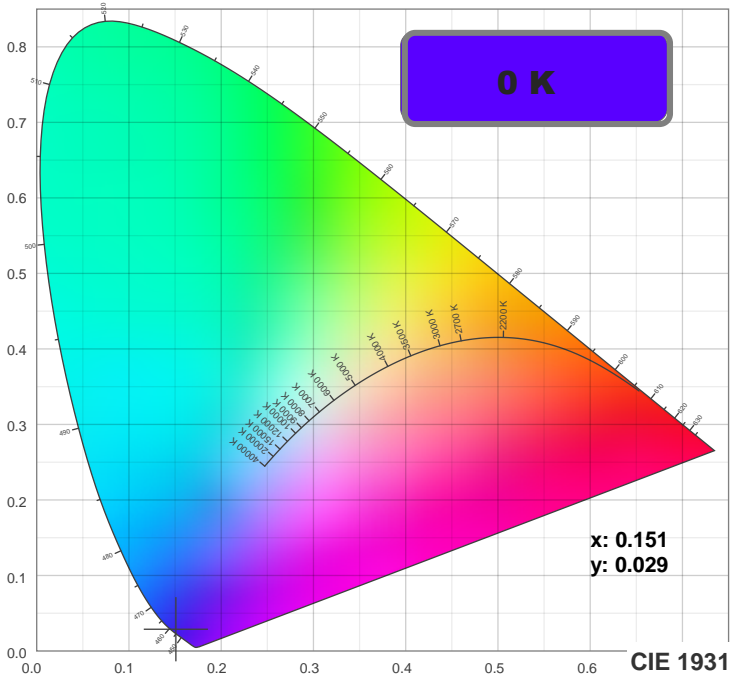
**COLOR (RGBW): BLUE**

**FWHM: 60.1°X31.1°**

**PERFORMED BY: ABDULLAH QURESHI**

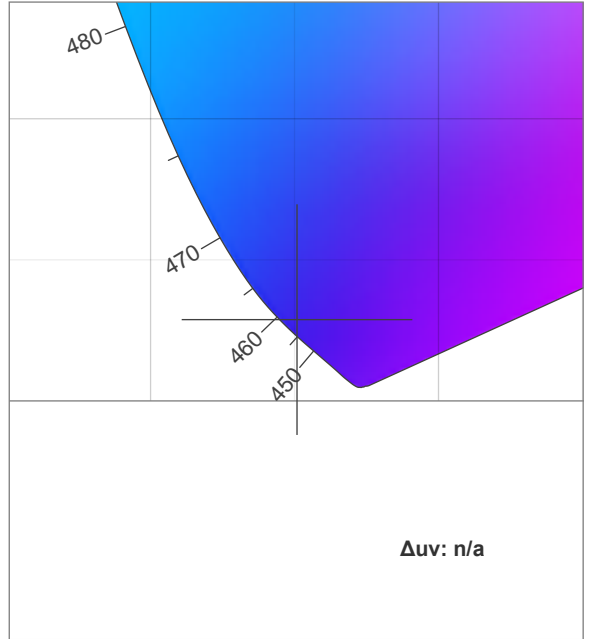
**Spectra**





**TM30: 0.0**

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	



**CRI: 0.0 (R1-R8)**

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15		

**CQS: 0.0**

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15		

**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**

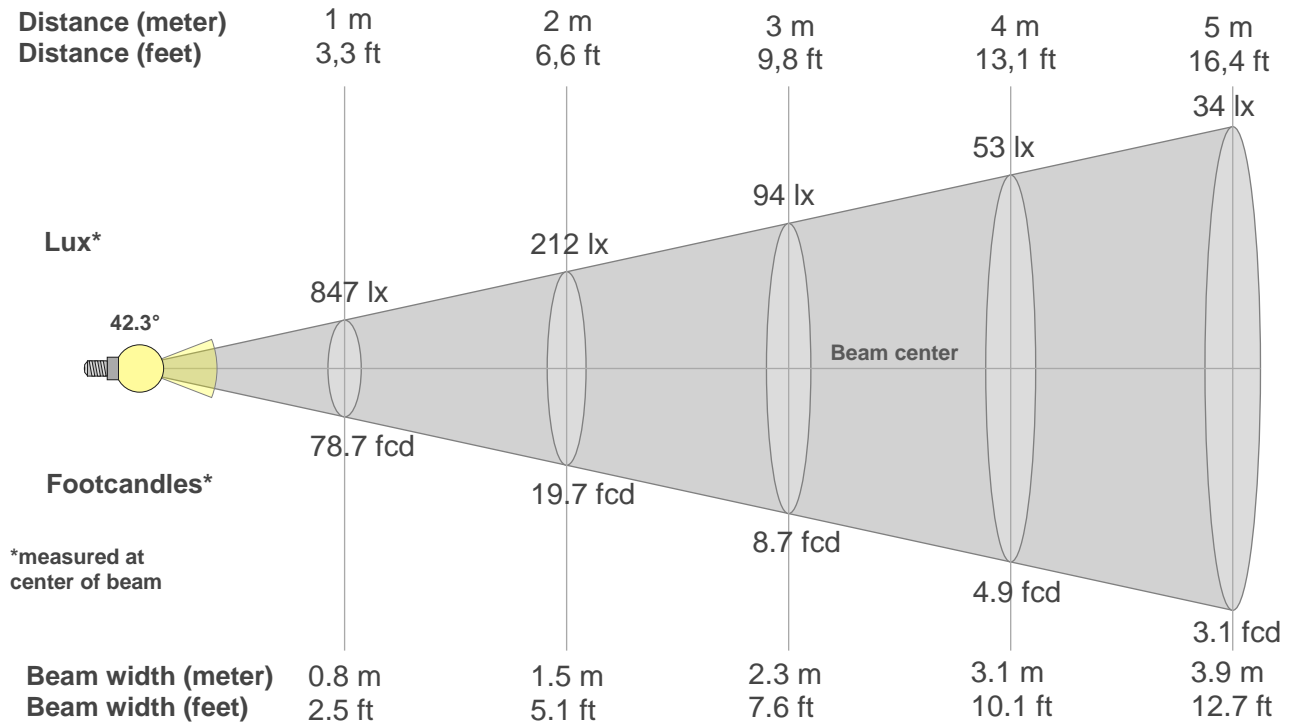
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**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
<b>CCT</b>	<b>CRI</b>	<b>CRI R9</b>	<b>TM30 Rf</b>	<b>TM30 Rg</b>	<b>CQS</b>	<b>x</b>	<b>y</b>	<b>u</b>	<b>v</b>	<b>Δuv</b>
<b>0 K</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.151</b>	<b>0.029</b>	<b>0.198</b>	<b>0.057</b>	<b>n/a</b>



### 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
847lx	212lx	94lx	53lx	34lx	24lx	17lx	13lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx
78.7fcd	19.7fcd	8.7fcd	4.9fcd	3.1fcd	2.2fcd	1.6fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	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°
847	836	808	762	702	633	559	483	407	336	271	214	166	128	99	77	60	49	41	35
100%	99%	95%	90%	83%	75%	66%	57%	48%	40%	32%	25%	20%	15%	12%	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°
847	845	835	820	802	780	758	733	706	674	640	603	562	518	473	425	378	332	288	245
100%	100%	99%	97%	95%	92%	90%	87%	83%	80%	76%	71%	66%	61%	56%	50%	45%	39%	34%	29%

### 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°
847	836	808	762	702	633	559	483	407	336	271	214	166	128	99	77	60	49	41	35
100%	99%	95%	90%	83%	75%	66%	57%	48%	40%	32%	25%	20%	15%	12%	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°
847	845	835	820	802	780	758	733	706	674	640	603	562	518	473	425	378	332	288	245
100%	100%	99%	97%	95%	92%	90%	87%	83%	80%	76%	71%	66%	61%	56%	50%	45%	39%	34%	29%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
42.3°	75.1°	109.8°	89.6%	82.7%