

**Light efficiency:**

**16 Lumen/Watt**

**Light quality:**

**CRI: 0.0**

**Color temperature:**

**0 K**

**Output: 1567 lm**

**Peak: 2537 cd**

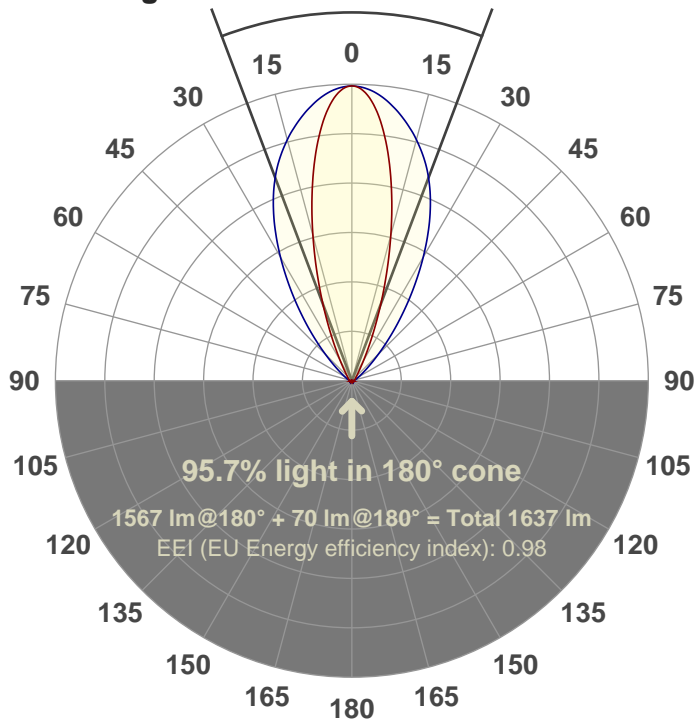
**Power: 99.6 W**

**PF: 1.0**



**41.4°**

**Beam angle**



**Product name:**

**FL100-CM-RGBW65K-IM-60X30-ELV-SM-RED**

**Date and time:**

**12-Jun-18 12:09:57 PM**

**Additional Information:**

**LED: RGBW**

**FIXTURE: FL100**

**FILM: 250235 (60°X30°)**

**COLOR-AMP: ON**

**STABILIZED: YES**

**COLOR (RGBW): RED**

**FWHM: 58.9°X30.5°**

**PERFORMED BY: ABDULLAH QURESHI**

**Color**

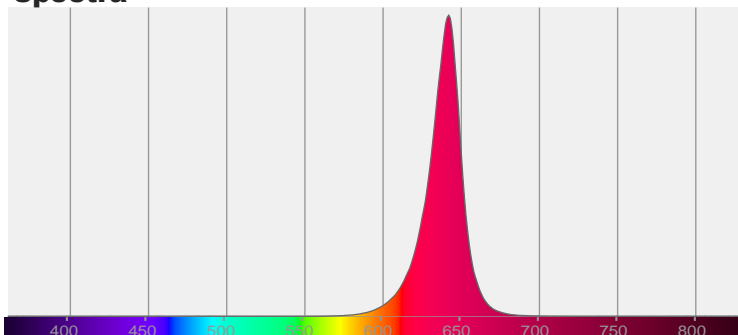


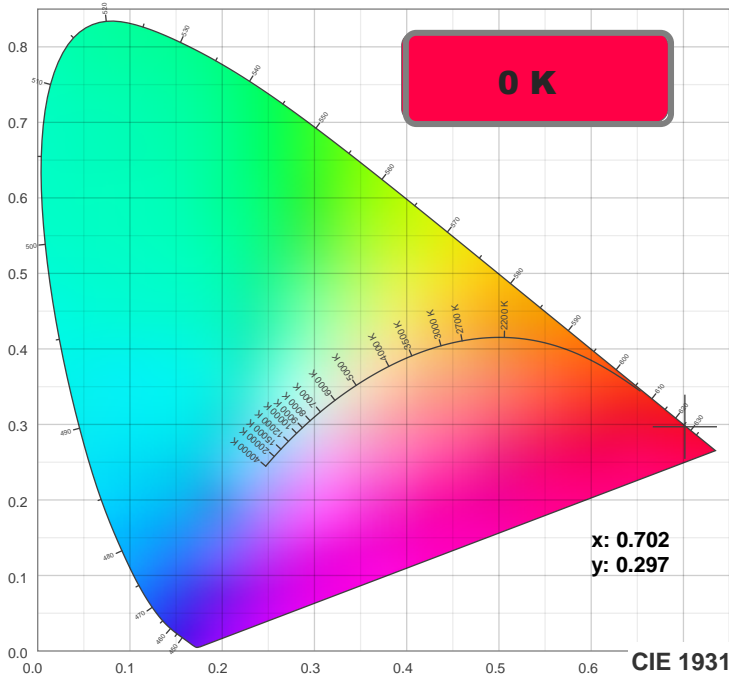
**CIE 1931**

**x: 0.702**

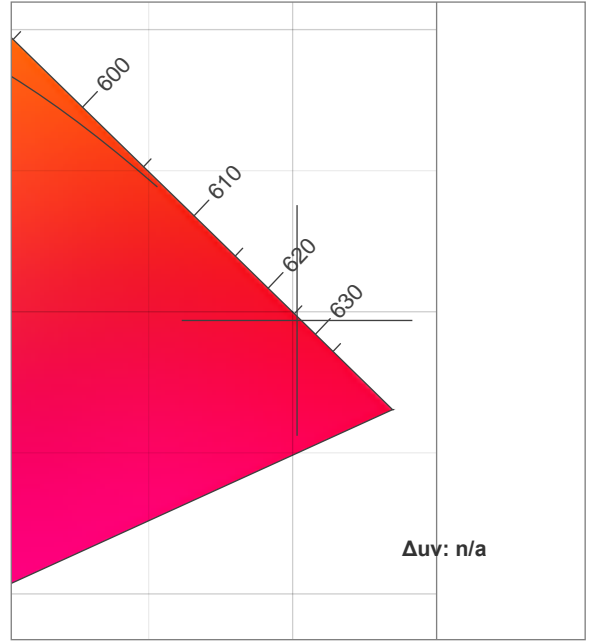
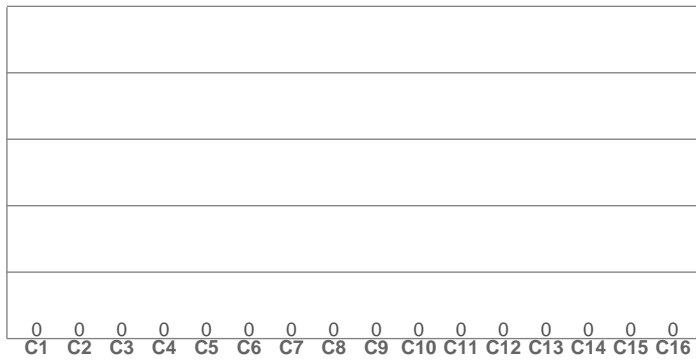
**y: 0.297**

**Spectra**

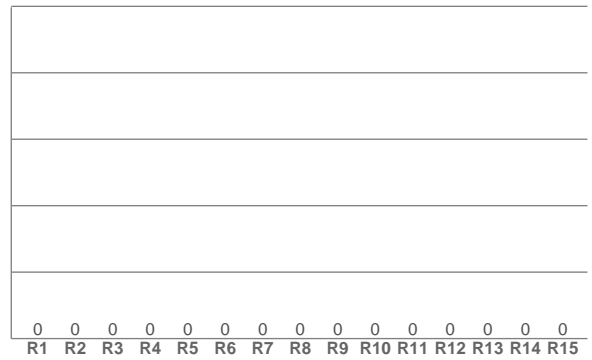




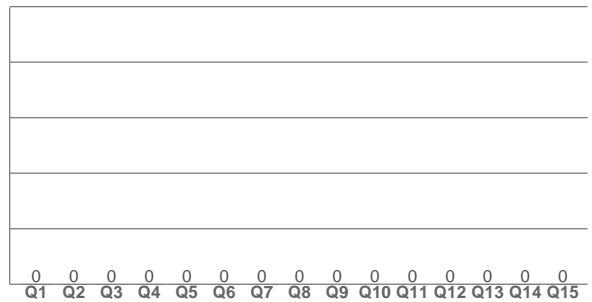
**TM30: 0.0**



**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**

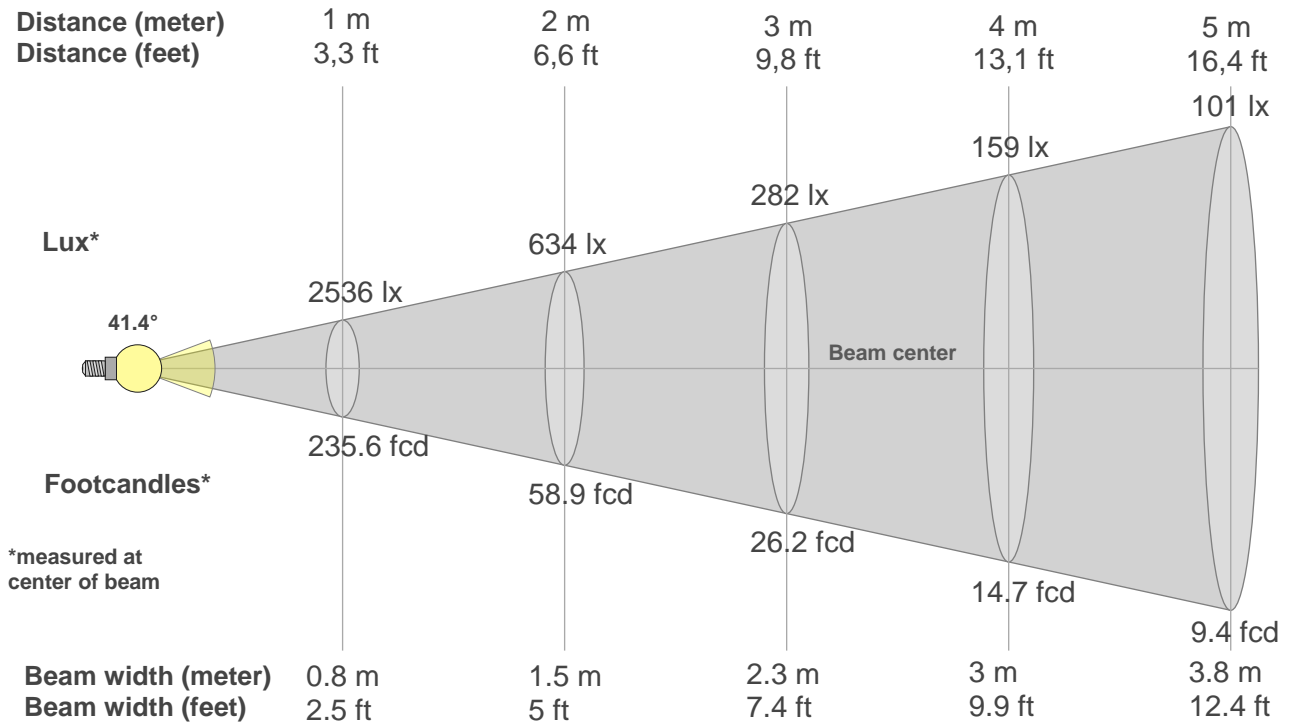
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**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
<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>0.702</b>	<b>0.297</b>	<b>0.544</b>	<b>0.345</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
2536lx	634lx	282lx	159lx	101lx	70lx	52lx	40lx	31lx	25lx	21lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx
235.6fcd	58.9fcd	26.2fcd	14.7fcd	9.4fcd	6.5fcd	4.8fcd	3.7fcd	2.9fcd	2.4fcd	1.9fcd	1.6fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.7fcd	0.6fcd

### 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°
2536	2505	2415	2273	2088	1876	1646	1412	1181	963	766	595	455	345	262	202	159	129	107	91
100%	99%	95%	90%	82%	74%	65%	56%	47%	38%	30%	23%	18%	14%	10%	8%	6%	5%	4%	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°
2536	2527	2501	2459	2403	2339	2268	2190	2103	2010	1907	1791	1662	1524	1378	1229	1080	935	796	668
100%	100%	99%	97%	95%	92%	89%	86%	83%	79%	75%	71%	66%	60%	54%	48%	43%	37%	31%	26%

### 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°
2536	2505	2415	2273	2088	1876	1646	1412	1181	963	766	595	455	345	262	202	159	129	107	91
100%	99%	95%	90%	82%	74%	65%	56%	47%	38%	30%	23%	18%	14%	10%	8%	6%	5%	4%	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°
2536	2527	2501	2459	2403	2339	2268	2190	2103	2010	1907	1791	1662	1524	1378	1229	1080	935	796	668
100%	100%	99%	97%	95%	92%	89%	86%	83%	79%	75%	71%	66%	60%	54%	48%	43%	37%	31%	26%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
41.4°	72.6°	103.6°	90.8%	84.7%