

**Light efficiency:**

**33 Lumen/Watt**

**Light quality:**

**CRI: 0.0**

**Color temperature:**

**0 K**

**Output: 3219 lm**

**Peak: 1940 cd**

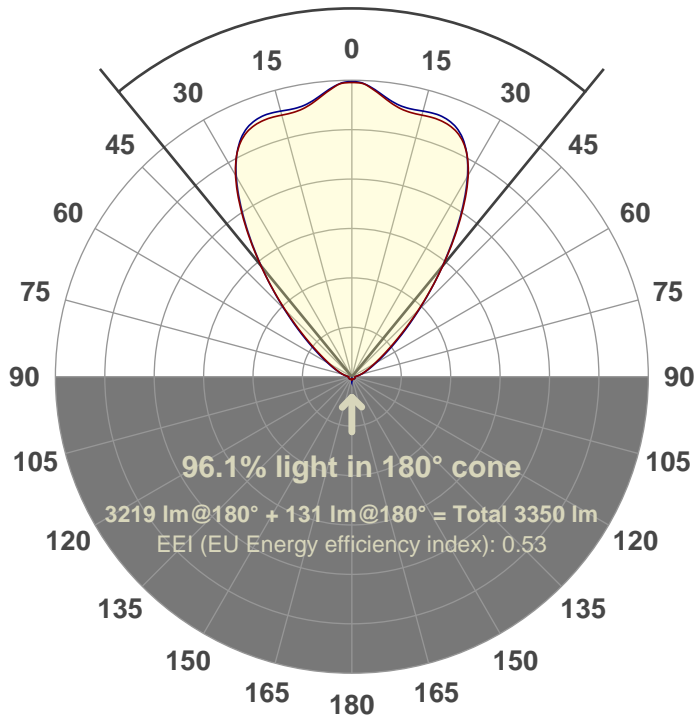
**Power: 98.4 W**

**PF: 1.0**



**78.6°**

**Beam angle**



**Product name:**

**FL100-CM-RGBW65K-IM-80-ELV-SM-GREEN**

**Date and time:**

**12-Jun-18 11:19:19 AM**

**Additional Information:**

**LED: RGBW**

**FIXTURE: FL100**

**FILM: 250245 (80°)**

**COLOR-AMP: ON**

**STABILIZED: YES**

**COLOR (RGBW): GREEN**

**PERFORMED BY: ABDULLAH QURESHI**

**Color**

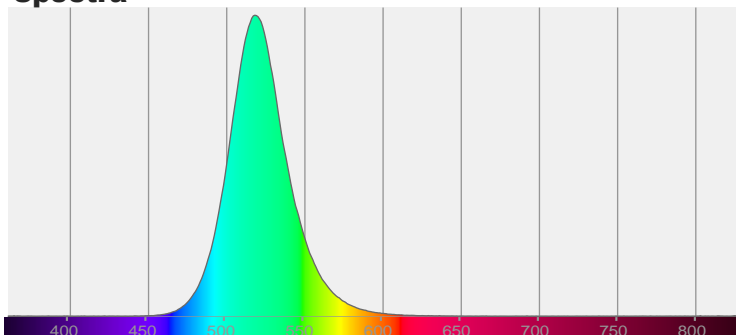


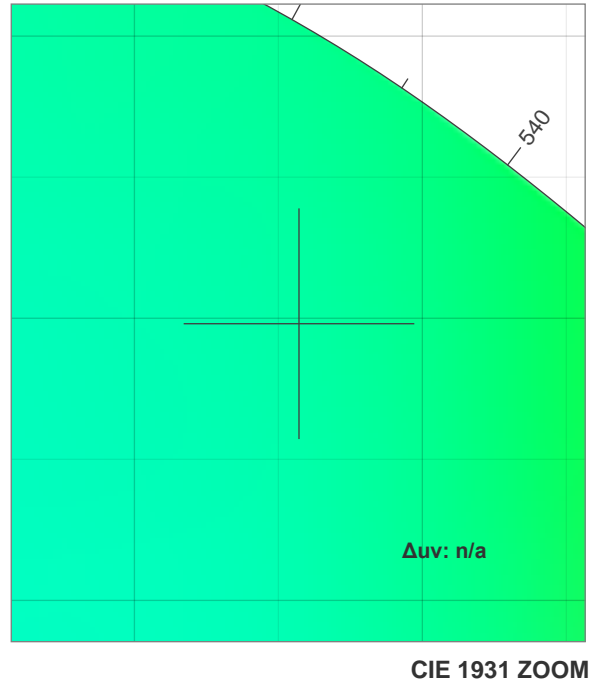
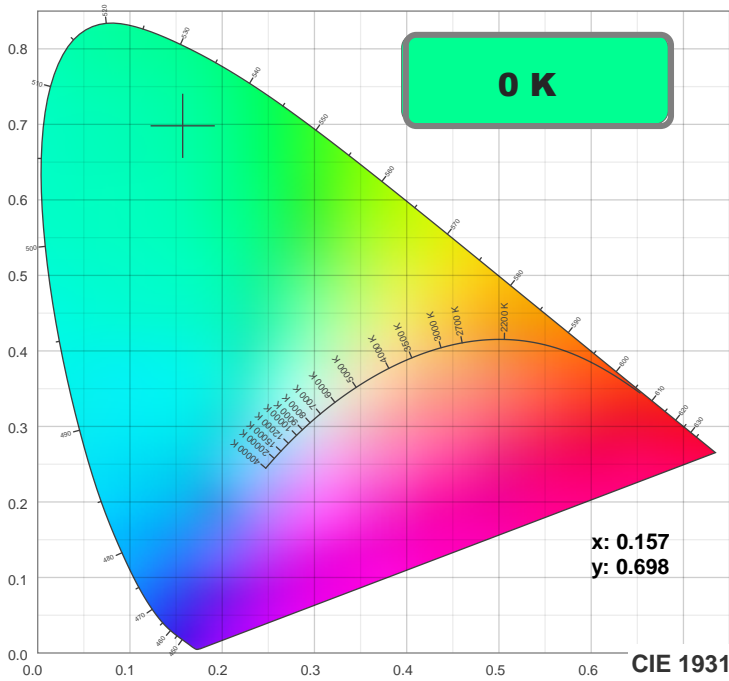
**CIE 1931**

**x: 0.157**

**y: 0.698**

**Spectra**





**TM30: 0.0**

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



**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

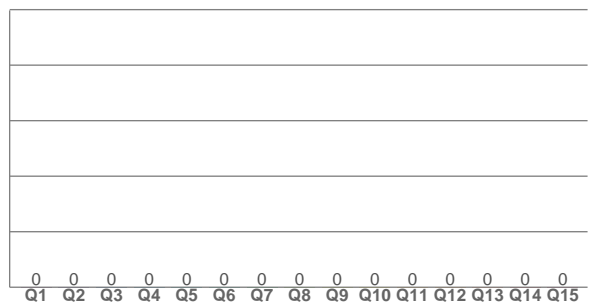
**TM30 C values, 16 binned values out of total of 99 C values**

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**

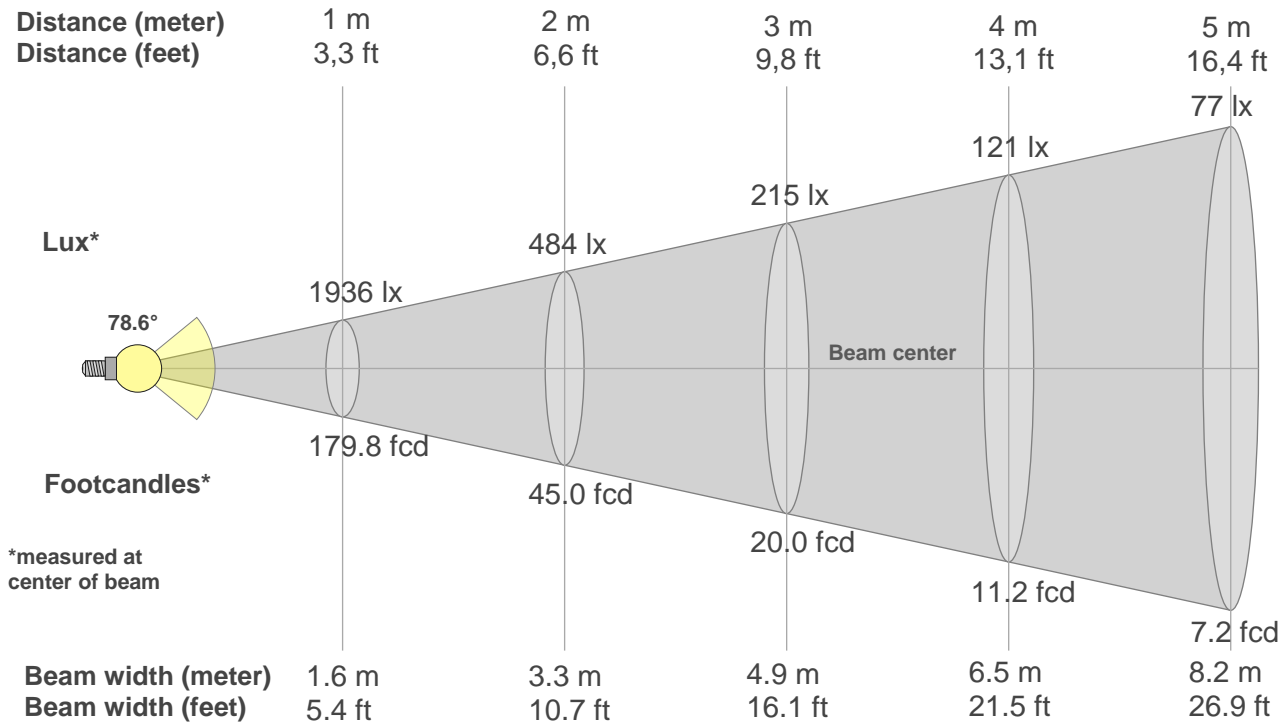
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**CQS: 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><math>\Delta uv</math></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>0.157</b>	<b>0.698</b>	<b>0.057</b>	<b>0.379</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
1936lx	484lx	215lx	121lx	77lx	54lx	40lx	30lx	24lx	19lx	16lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx
179.8fcd	45fcd	20fcd	11.2fcd	7.2fcd	5fcd	3.7fcd	2.8fcd	2.2fcd	1.8fcd	1.5fcd	1.2fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd

### Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1936	1879	1796	1781	1778	1715	1529	1226	903	617	399	256	171	120	86	61	42	27	21	0
100%	97%	93%	92%	92%	89%	79%	63%	47%	32%	21%	13%	9%	6%	4%	3%	2%	1%	1%	0%

### Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1936	1886	1812	1808	1805	1727	1518	1213	899	628	421	277	186	129	91	64	43	28	21	0
100%	97%	94%	93%	93%	89%	78%	63%	46%	32%	22%	14%	10%	7%	5%	3%	2%	1%	1%	0%

### Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1936	1879	1796	1781	1778	1715	1529	1226	903	617	399	256	171	120	86	61	42	27	21	0
100%	97%	93%	92%	92%	89%	79%	63%	47%	32%	21%	13%	9%	6%	4%	3%	2%	1%	1%	0%

### Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1936	1886	1812	1808	1805	1727	1518	1213	899	628	421	277	186	129	91	64	43	28	21	0
100%	97%	94%	93%	93%	89%	78%	63%	46%	32%	22%	14%	10%	7%	5%	3%	2%	1%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
78.6°	118.3°	156.9°	89.4%	75.5%