

**Light efficiency:**



**Light quality:**



**Color temperature:**

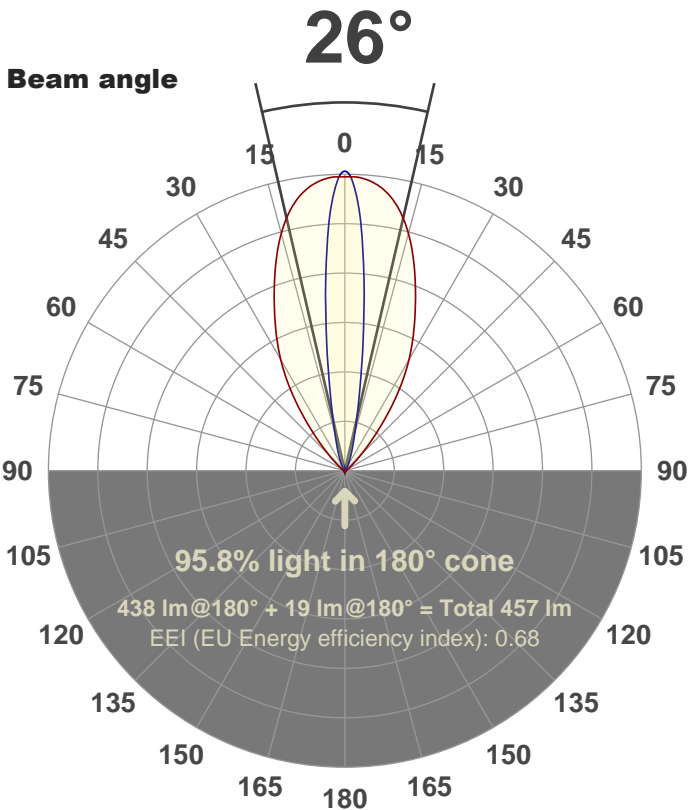


**Output: 438 lm**

**Peak: 1329 cd**

**Power: 24.9 W**

**PF: 1.0**



**Product name:**

**FL25-CM-RGBW65K-IM-10x60-ELV-SM120-RED**

**Date and time:**

**10-Aug-18 11:36:48 AM**

**Additional Information:**

**LED: RGBW (6500K)**

**FIXTURE: FL25**

**FILM: 250260 (10°X60°)**

**COLOR-AMP: ON**

**STABILIZED: YES**

**COLOR (RGBW): RED**

**FWHM: 14.8°X54.9°**

**PERFORMED BY: ABDULLAH QURESHI**

**Color**

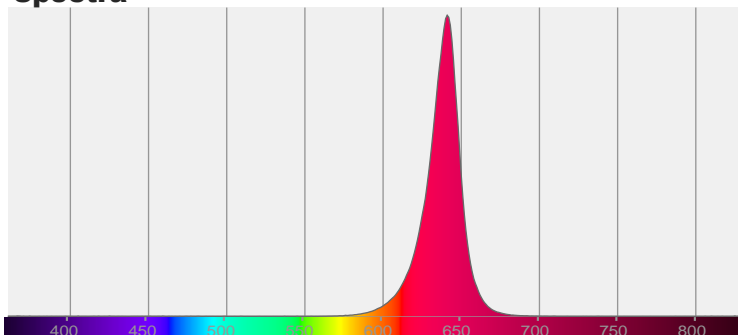


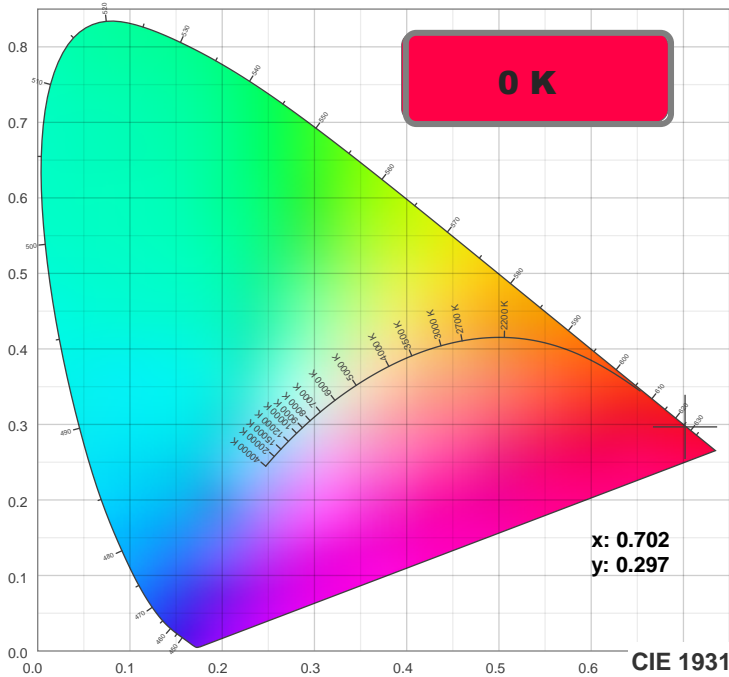
**CIE 1931**

**x: 0.702**

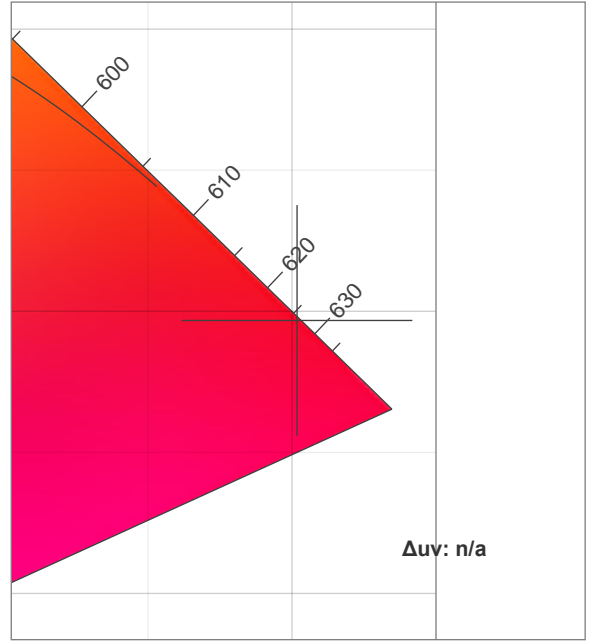
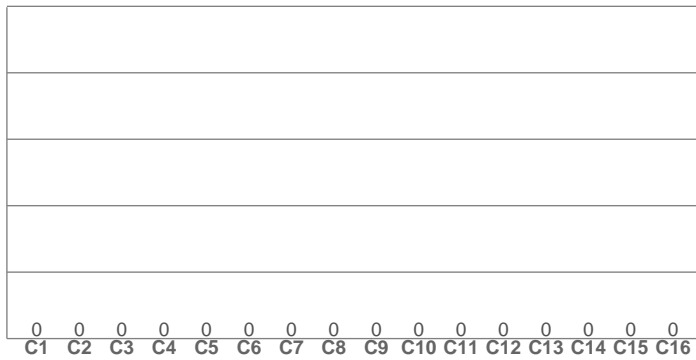
**y: 0.297**

**Spectra**

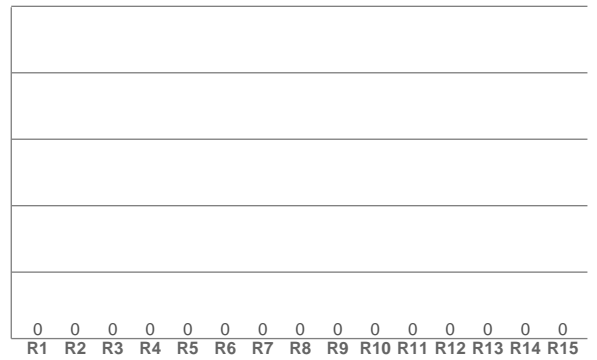




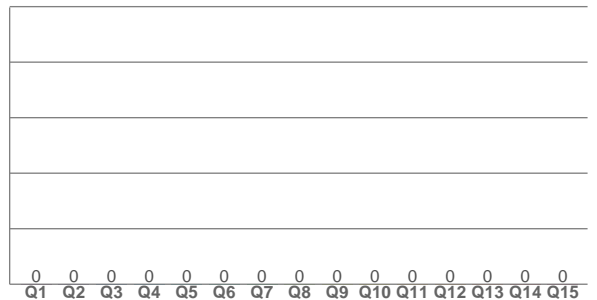
**TM30: 0.0**



**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**

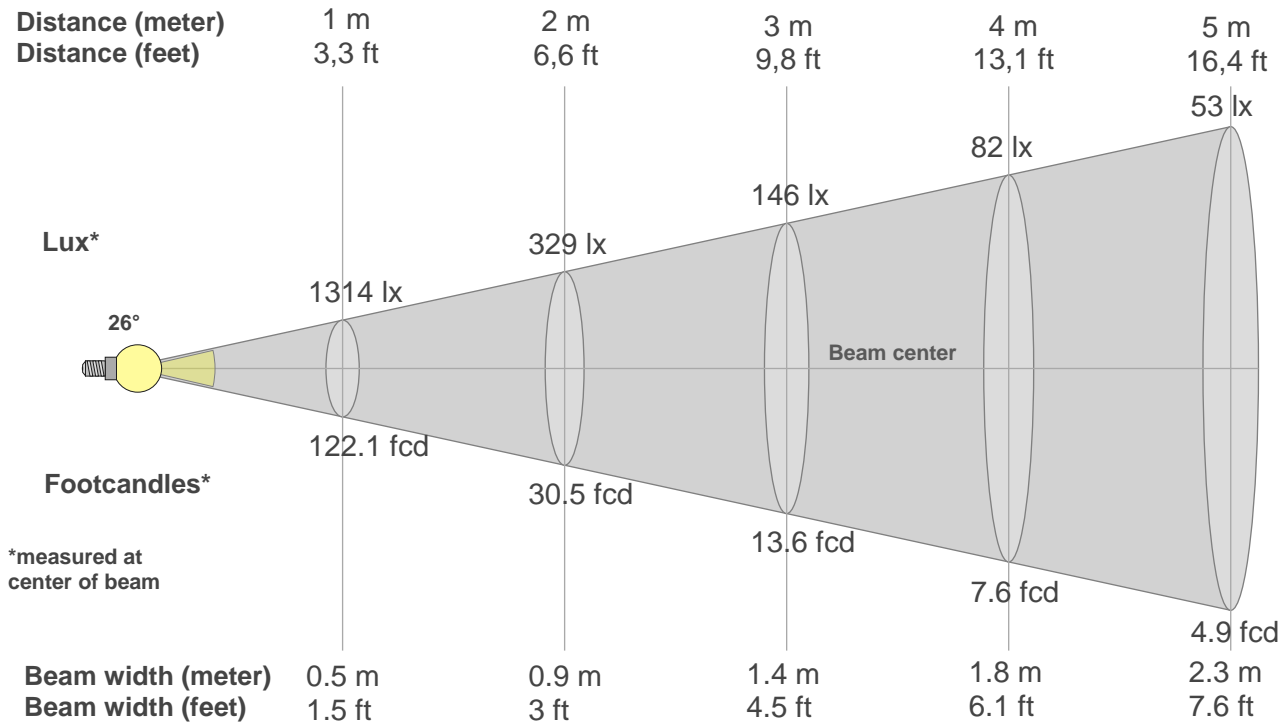
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**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
1314lx	329lx	146lx	82lx	53lx	37lx	27lx	21lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
122.1fcd	30.5fcd	13.6fcd	7.6fcd	4.9fcd	3.4fcd	2.5fcd	1.9fcd	1.5fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd

### 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°
1314	1326	1318	1302	1277	1242	1196	1140	1074	1001	926	852	780	712	645	578	507	434	359	286
100%	101%	100%	99%	97%	94%	91%	87%	82%	76%	70%	65%	59%	54%	49%	44%	39%	33%	27%	22%

### 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°
1314	1258	1078	833	592	410	285	204	151	114	88	68	53	42	34	27	23	19	16	14
100%	96%	82%	63%	45%	31%	22%	15%	11%	9%	7%	5%	4%	3%	3%	2%	2%	1%	1%	1%

### 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°
1314	1326	1318	1302	1277	1242	1196	1140	1074	1001	926	852	780	712	645	578	507	434	359	286
100%	101%	100%	99%	97%	94%	91%	87%	82%	76%	70%	65%	59%	54%	49%	44%	39%	33%	27%	22%

### 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°
1314	1258	1078	833	592	410	285	204	151	114	88	68	53	42	34	27	23	19	16	14
100%	96%	82%	63%	45%	31%	22%	15%	11%	9%	7%	5%	4%	3%	3%	2%	2%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26°	50.9°	77°	91.3%	86.3%