

**Light efficiency:**

**9 Lumen/Watt**

**Light quality:**

**CRI: 0.0**

**Color temperature:**

**0 K**

**Output: 1887 lm**

**Peak: 2924 cd**

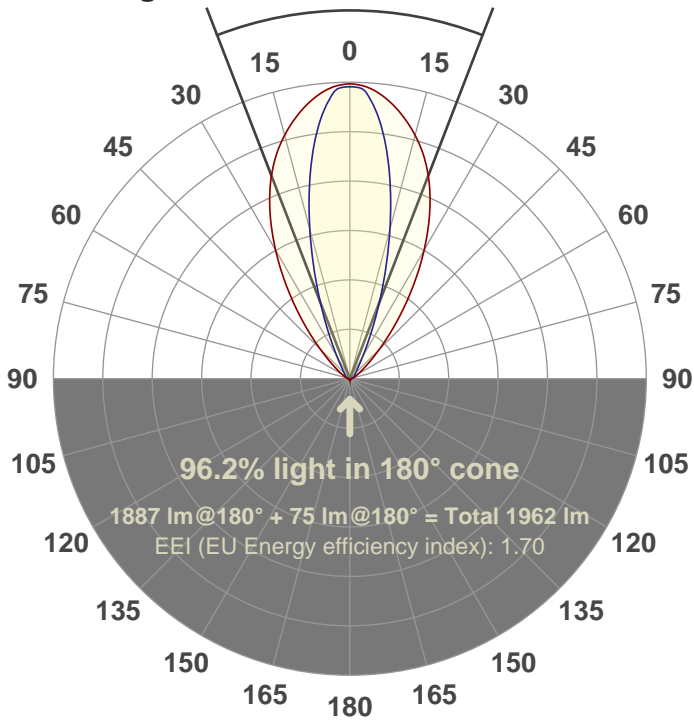
**Power: 206 W**

**PF: 1.0**



**42.2°**

**Beam angle**



**Color**



**CIE 1931**  
**x: 0.704**  
**y: 0.295**

**Product name:**

**FL200-CM-RGBW-IM-30X60-ELV-SM-RED**

**Date and time:**

**24-Aug-18 4:12:04 PM**

**Additional Information:**

**LED: RGBW**

**FIXTURE: FL200**

**FILM: 250281 (30°X60°)**

**COLOR-AMP: ON**

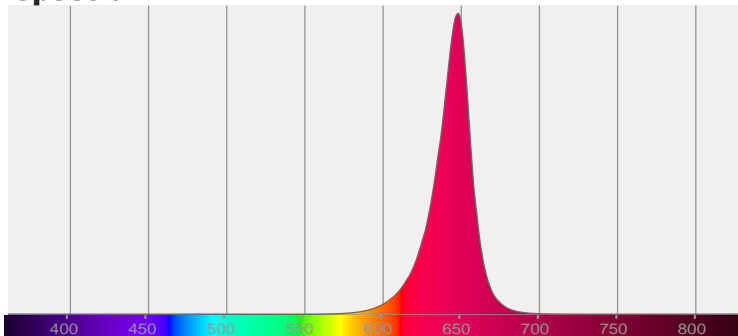
**STABILIZED: YES**

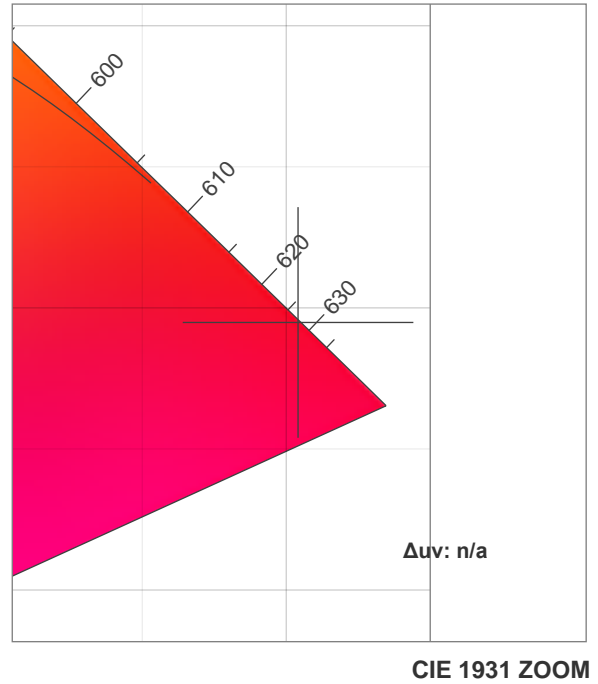
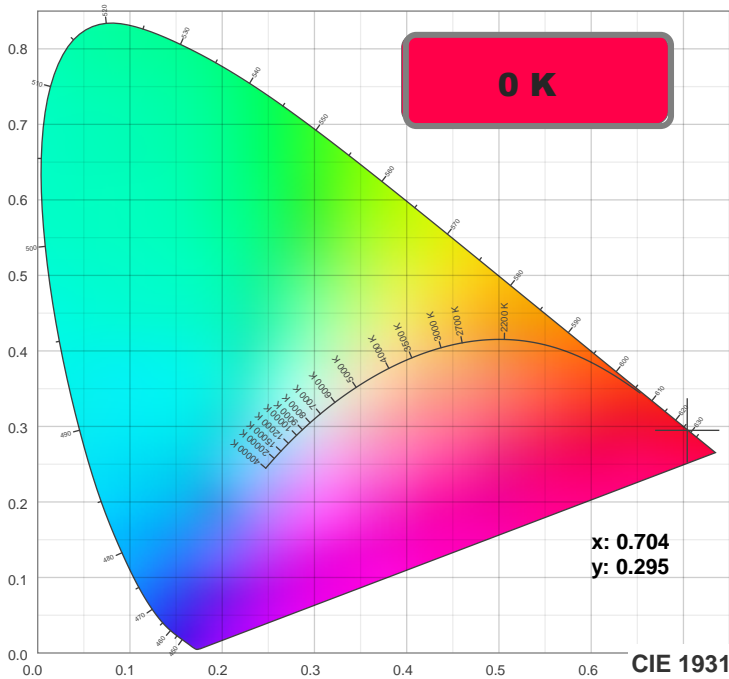
**COLOR (RGBW): RED**

**FWHM: 31.5°X60.3°**

**PERFORMED BY: ABDULLAH QURESHI**

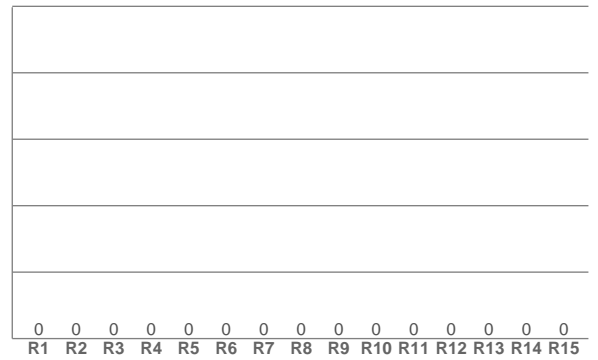
**Spectra**





**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

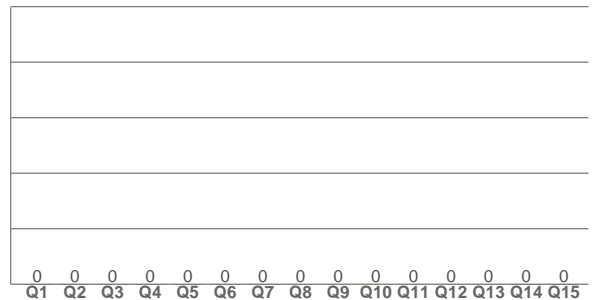
**TM30 C values, 16 binned values out of total of 99 C values**

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**

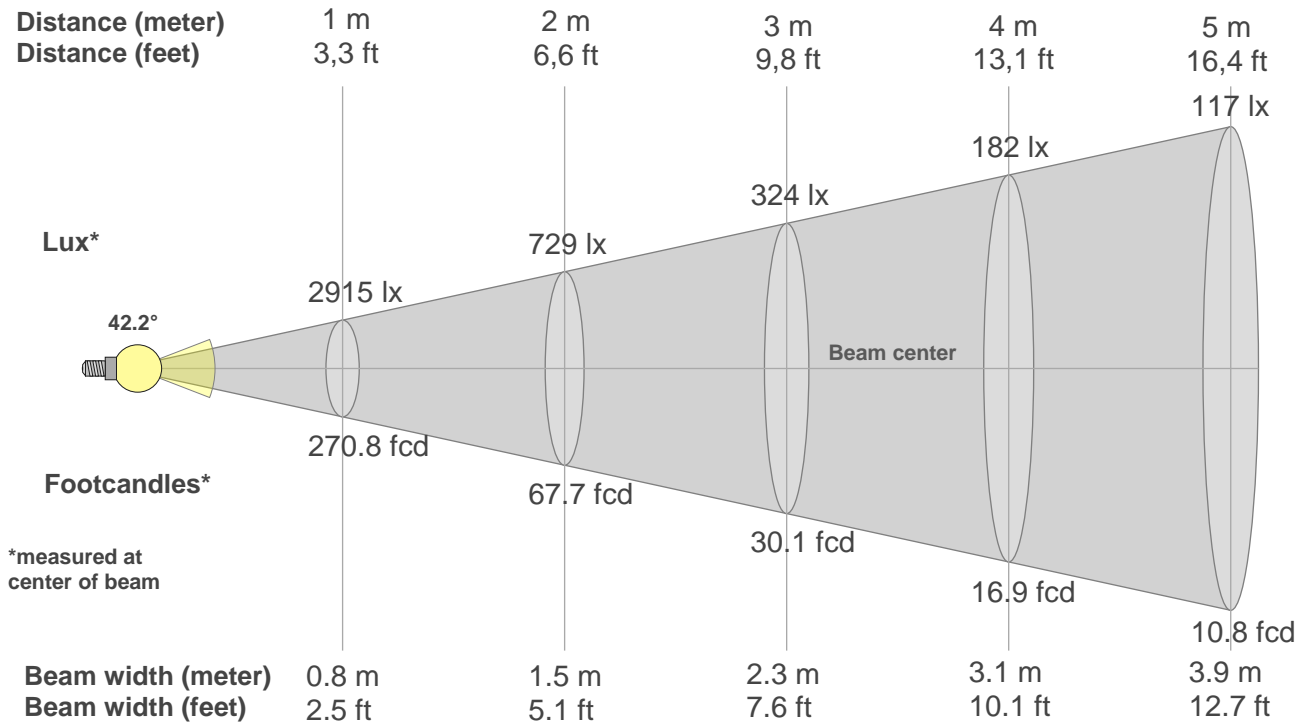
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**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
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.704	0.295	0.549	0.345	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
2915lx	729lx	324lx	182lx	117lx	81lx	59lx	46lx	36lx	29lx	24lx	20lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx
270.8fcd	67.7fcd	30.1fcd	16.9fcd	10.8fcd	7.5fcd	5.5fcd	4.2fcd	3.3fcd	2.7fcd	2.2fcd	1.9fcd	1.6fcd	1.4fcd	1.2fcd	1.1fcd	0.9fcd	0.8fcd	0.8fcd	0.7fcd

### 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°
2915	2913	2885	2840	2782	2712	2633	2547	2452	2348	2229	2099	1955	1801	1639	1473	1307	1141	982	832
100%	100%	99%	97%	95%	93%	90%	87%	84%	81%	76%	72%	67%	62%	56%	51%	45%	39%	34%	29%

### 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°
2915	2884	2786	2627	2423	2187	1931	1668	1407	1157	931	731	564	430	330	257	204	167	139	119
100%	99%	96%	90%	83%	75%	66%	57%	48%	40%	32%	25%	19%	15%	11%	9%	7%	6%	5%	4%

### 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°
2915	2913	2885	2840	2782	2712	2633	2547	2452	2348	2229	2099	1955	1801	1639	1473	1307	1141	982	832
100%	100%	99%	97%	95%	93%	90%	87%	84%	81%	76%	72%	67%	62%	56%	51%	45%	39%	34%	29%

### 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°
2915	2884	2786	2627	2423	2187	1931	1668	1407	1157	931	731	564	430	330	257	204	167	139	119
100%	99%	96%	90%	83%	75%	66%	57%	48%	40%	32%	25%	19%	15%	11%	9%	7%	6%	5%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
42.2°	74.2°	108.4°	90.9%	84.1%